

ATTACHMENT K

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1356	Tier 1	2.0	Fuel Producer: Adecoagro Brasil Participacoes (4192) Facility Name: Adecoagro Vale do Ivinhema Ltda. (70496); Brazilian sugarcane juice-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS211	46.32	12/20/2016	None	Ethanol	Adecoagro Brasil Participacoes (4192)	Adecoagro Vale do Ivinhema Ltda (70496)	Brazilian sugarcane juicetoethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1078	Tier 1	2.0	Producer: BIOSEV S.A. (3869) Facility Name: Usina Cresciumal (71068). Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting, and surplus cogenerated electricity export.	Brazil	Molasses	Ethanol	None	None	ETHM221	46.34	12/20/2016	None	Ethanol	BIOSEV SA (3869)	Usina Cresciumal (71068)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting, and surplus cogenerated electricity export	None	Retired
T1R-1008	Tier 1	2.0	Fuel Producer: BIOX Canada Limited (3758) Facility Name: BIOX Canada Limited (80236), North American Tallow; Biodiesel Produced in Canada	Ontario, Canada	Tallow	Biodiesel	BIOD023	46.36	BDT200L	34.97	6/30/2016	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	North American Tallow; Biodiesel Produced in Canada	None	Retired
T1R-1009	Tier 1	2.0	Fuel Producer: BIOX Canada Limited (3758) Facility Name: BIOX Canada Limited (80236), North American Soybean; Biodiesel Produced in Canada	Ontario, Canada	Soybean	Biodiesel	BIOD024	88.59	BDS200L	56.03	6/30/2016	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	North American Soybean; Biodiesel Produced in Canada	None	Retired
T1R-1010	Tier 1	2.0	Fuel Producer: BIOX Canada Limited (3758) Facility Name: BIOX Canada Limited (80236), North American Canola; Biodiesel Produced in Canada	Ontario, Canada	Canola	Biodiesel	BIOD026	67.32	BDCA200L	57.39	6/30/2016	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	North American Canola; Biodiesel Produced in Canada	None	Retired
T1R-1012	Tier 1	2.0	Fuel Producer: BIOX Canada Limited (3758) Facility Name: BIOX Canada Limited (80236), North American Corn Oil from Wet DGS of a Corn Ethanol plant; Biodiesel Produced in Canada	Ontario, Canada	North American Corn Oil from Wet DGS	Biodiesel	BIOD030	35.23	BDC200L	32.80	6/30/2016	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	North American Corn Oil from Wet DGS of a Corn Ethanol plant; Biodiesel Produced in Canada	None	Retired
T1N-1069	Tier 1	2.0	Fuel Producer: Usina Sao Domingos Acucar e Alcool S.A. (4252) Facility Name: Usina Sao Domingos Acucar e Alcool SA (70533); Brazilian sugarcane juice-to-ethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting	Brazil	Sugarcane	Ethanol	None	None	ETHS234	46.44	5/19/2017	None	Ethanol	Usina Sao Domingos Acucar e Alcool SA (4252)	Usina Sao Domingos Acucar e Alcool SA (70533)	Brazilian sugarcane juicetoethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1141	Tier 1	2.0	Fuel Producer: Raizen Energia S/A (3805) Facility Name: Santa Helena (70558). Brazilian sugarcane molasses-to-ethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting	Brazil	Molasses	Ethanol	None	None	ETHM230	46.44	5/19/2017	None	Ethanol	Raizen Energia S/A (3805)	Santa Helena (70558)	Brazilian sugarcane molassestoethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1460	Tier 1	2.0	Fuel Producer: Usina Delta SA (3852) Facility Name: Usina Delta S/A Unidade Volta Grande (70371). Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS214	46.49	12/20/2016	None	Ethanol	Usina Delta SA (3852)	Usina Delta S/A Unidade Volta Grande (70371)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1N-1073	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869) Facility Name: Usina Vale do Rosário (70440). Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM200	46.52	3/31/2016	None	Ethanol	BIOSEV SA (3869)	Usina Vale do Rosário (70440)	Brazilian sugarcane byproduct molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1392	Tier 1	2.0	Fuel Producer: Usina São Martinho S.A. (3867) Facility Name: Usina São Martinho S.A. (70373). Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS219	46.61	12/20/2016	None	Ethanol	Usina São Martinho SA (3867)	Usina São Martinho SA (70373)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1040	Tier 1	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327). Australian Rendered Tallow to Renewable Diesel. Renewable Diesel Produced in Singapore.	Singapore	Australian Tallow	Renewable Diesel	RNWD004	33.46	RDT200L	36.83	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Australian Rendered Tallow to Renewable Diesel; Renewable Diesel Produced in Singapore	None	Retired
T1R-1041	Tier 1	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327). North American Rendered Tallow to Renewable Diesel Produced in Singapore.	Singapore	North American Tallow	Renewable Diesel	RNWD005	49.69	RDT201L	34.19	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	North American Rendered Tallow to Renewable Diesel Produced in Singapore	None	Retired
T1R-1042	Tier 1	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327). South East Asia Fish Oil to Renewable Diesel Produced in Singapore.	Singapore	South East Asian Fish Oil	Renewable Diesel	RNWD006	30.48	RDF200L	33.08	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	South East Asia Fish Oil to Renewable Diesel Produced in Singapore	None	Retired
T1R-1043	Tier 1	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327). New Zealand Rendered Tallow to Renewable Diesel; Fuel Produced in Singapore	Singapore	Tallow	Renewable Diesel	RNWD007	36.57	RDT203L	34.81	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	New Zealand Rendered Tallow to Renewable Diesel; Fuel Produced in Singapore	None	Retired
T1R-1045	Tier 1	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327). Midwest Corn Oil to Renewable Diesel Produced in Singapore.	Singapore	Midwest Corn Oil from Wet DGS	Renewable Diesel	RNWD026	39.13	RDC200L	37.39	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Midwest Corn Oil to Renewable Diesel Produced in Singapore	None	Retired
T1R-1046	Tier 1	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327). Global Mixed Used Cooking Oil to Renewable Diesel Produced in Singapore.	Singapore	Global Used Cooking Oil	Renewable Diesel	RNWD027	30.72	RDU201L	25.61	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Global Mixed Used Cooking Oil to Renewable Diesel Produced in Singapore	None	Retired
T1N-1400	Tier 1	2.0	Fuel Producer: Branco Peres Acucar e Alcool SA (5985) Facility Name: Branco Peres Acucar e Alcool SA (71077). Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS210	46.71	12/20/2016	None	Ethanol	Branco Peres Acucar e Alcool SA (5985)	Branco Peres Acucar e Alcool SA (71077)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1R-1058	Tier 1	2.0	Fuel Producer: Consolidated Biofuels Ltd. (3919) Facility Name: Consolidated Biofuels Ltd. (80304). North American low-free fatty acids (Used Cooking Oil) where "cooking" is required; Biodiesel Produced in Canada	Canada	Used Cooking Oil	Biodiesel	BIOD029	21.34	BDU211L	20.38	6/30/2016	None	Biodiesel	Consolidated Biofuels Ltd (3919)	Consolidated Biofuels Ltd (80304)	North American lowfree fatty acids (Used Cooking Oil)where "cooking" is required; Biodiesel Produced in Canada	None	Retired
T1N-1391	Tier 1	2.0	Fuel Producer: Noble Brasil S.A. (4232) Facility Name: Noble Brasil S/A - NBSA (UNP) (70527). Ethanol production from Brazilian sugarcane juice feedstock, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS218	46.72	12/20/2016	None	Ethanol	Noble Brasil SA (4232)	Noble Brasil S/A NBSA (UNP)(70527)	Ethanol production from Brazilian sugarcane juice feedstock, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1393	Tier 1	2.0	Fuel Producer: Usina São Martinho S.A. (3867) Facility Name: Sao Martinho S/A (70479). Brazilian sugarcane juice-based ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS213	46.80	12/20/2016	None	Ethanol	Usina São Martinho SA (3867)	Sao Martinho S/A (70479)	Brazilian sugarcane juicebased ethanol, with credit for mechanized harvesting	None	Retired
T1N-1062	Tier 1	2.0	Fuel Producer: Noble Brasil S.A. (4232) Facility Name: NG Bioenergia S/A - Potrendaba (71036). Ethanol production from Brazilian sugarcane Juice feedstock, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS212	46.83	9/1/2016	None	Ethanol	Noble Brasil SA (4232)	NG Bioenergia S/A Potrendaba (71036)	Ethanol production from Brazilian sugarcane Juice feedstock, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1R-1093	Tier 1	2.0	Fuel Producer: FutureFuel Chemical Company (4664) Facility Name: FutureFuel Chemical Company (82612). North American Used Cooking Oil (UCO); Biodiesel Produced in Arkansas	Arkansas	Used Cooking Oil	Biodiesel	BIOD027	23.81	BDU207L	24.36	6/30/2016	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	North American Used Cooking Oil (UCO)Biodiesel Produced in Arkansas	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1161	Tier 2	2.0	Fuel Producer: High Mountain Fuels, LLC (4293) Facility Name: Altamont Bio-LNG Plant (70526). Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; re-gasified to L-CNG on-site; fuel dispensed on-site	California	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF246	9.97	6/22/2017	Pathway Details (PDF)	Bio-CNG	High Mountain Fuels, LLC (4293)	Altamont BioLNG Plant (70526)	Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; regasified to LCNG onsite; fuel dispensed onsite	None	Retired
T1R-1124	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: EIF KC Landfill Gas LLC (71155). Kansas City landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	Kansas	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF230L	45.31	CNGLF230LR	50.80	9/30/2016	Previous Tier 1 CNG030; 32.92	Bio-CNG	Clean Energy (5481)	EIF KC Landfill Gas LLC (71155)	Kansas City landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; regasified and compressed to LCNG in CA	None	Retired
T1R-1101	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Westside Gas Producers LLC (71151). Michigan landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	Michigan	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF200L	48.65	LNGLF200LR	54.14	9/30/2016	Previous Tier 1 LNG025; 30.12	Bio-LNG	Clean Energy (5481)	Westside Gas Producers LLC (71151)	Michigan landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T2N-1163	Tier 2	2.0	Fuel Producer: High Mountain Fuels, LLC (4293) Facility Name: Altamont Bio-LNG Plant (70526). Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; re-gasified to L-CNG in California; fuel delivered to Bay Area by Truck	California	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF247	10.32	6/22/2017	Pathway Details (PDF)	Bio-CNG	High Mountain Fuels, LLC (4293)	Altamont BioLNG Plant (70526)	Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; regasified to LCNG in California; fuel delivered to Bay Area by Truck	None	Retired
T1R-1104	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Pinnacle Gas Producers, LLC (71153). Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	Ohio	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF201L	44.78	LNGLF201LR	50.27	9/30/2016	Previous Tier 1 LNG020; 25.5	Bio-LNG	Clean Energy (5481)	Pinnacle Gas Producers, LLC (71153)	Ohio landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T1R-1103	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Pinnacle Gas Producers, LLC (71153). Ohio landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA	Ohio	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF224L	50.52	CNGLF224LR	56.01	9/30/2016	Previous Tier 1 CNG023; 27.62	Bio-CNG	Clean Energy (5481)	Pinnacle Gas Producers, LLC (71153)	Ohio landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA	None	Retired
T1R-1106	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: CERF Shelby LLC (71163). CERF Shelby landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	Tennessee	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF202L	54.57	LNGLF202LR	60.06	9/30/2016	Previous Tier 1 LNG028; 43.83	Bio-LNG	Clean Energy (5481)	CERF Shelby LLC (71163)	CERF Shelby landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T2N-1165	Tier 2	2.0	Fuel Producer: High Mountain Fuels, LLC (4293) Facility Name: Altamont Bio-LNG Plant (70526). Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; re-gasified to L-CNG in California; fuel delivered to Southern California by Truck	California	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF248	13.29	6/22/2017	Pathway Details (PDF)	Bio-CNG	High Mountain Fuels, LLC (4293)	Altamont BioLNG Plant (70526)	Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; regasified to LCNG in California; fuel delivered to Southern California by Truck	None	Retired
T1R-1111	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Dallas Clean Energy McCommas Bluff (71009). Texas landfill gas to biomethane, delivered by pipeline, liquefied in Boron CA; re-gasified and compressed to CNG	Texas	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF227L	48.41	CNGLF227LR	53.90	9/30/2016	Previous Tier 1 CNG017; 35.11	Bio-CNG	Clean Energy (5481)	Dallas Clean Energy McCommas Bluff (71009)	Texas landfill gas to biomethane, delivered by pipeline, liquefied in Boron CA; regasified and compressed to CNG	None	Retired
T1R-1109	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Seneca Energy II, LLC (71156).New York landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	New York	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF203L	53.61	LNGLF203LR	59.10	9/30/2016	Previous Tier 1 LNG023; 32.03	Bio-LNG	Clean Energy (5481)	Seneca Energy II, LLC (71156)	New York landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T1N-1656	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154) Facility Name: East Texas Renewables (F2942). Greenwood Farms landfill gas (TX) to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California(Provisional)	Texas	Landfill Gas	Compressed Natural Gas	None	None	CNGLF252	38.62	6/27/2017	None	Bio-CNG	Shell Energy North America (6154)	East Texas Renewables (F2942)	Greenwood Farms landfill gas (TX) to pipelinequality biomethane; delivered via pipeline to CNG Stations in California(Provisional)	None	Retired
T1N-1383	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Needle Mountain LNG PLant (95116). Texas landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in Arizona; transported by trucks to California.	Texas	Landfill Gas - L-CNG	Compressed Natural Gas	None	None	CNGLF222	48.91	9/30/2016	None	Bio-CNG	Applied Natural Gas Fuels, Inc. (6174)	Needle Mountain LNG PLant (95116)	Texas landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in Arizona; transported by trucks to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1112	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Dallas Clean Energy McCommas Bluff (71009). Texas landfill gas to biomethane, delivered by pipeline; liquefied in Boron, CA	Texas	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF204L	45.26	LNGLF204LR	50.75	9/30/2016	Previous Tier 1 LNG018; 32.99	Bio-LNG	Clean Energy (5481)	Dallas Clean Energy McCommas Bluff (71009)	Texas landfill gas to biomethane; delivered by pipeline; liquefied in Boron, CA	None	Retired
T1N-1541	Tier 1	2.0	Fuel Producer: Athens Services (A431) Facility Name: La Puente (V4048). River Birch landfill (Avondale, LA) gas to pipeline-quality biomethane, delivered via pipeline to La Puente, California and compressed to CNG (Provisional)	Louisiana	Landfill Gas	Compressed Natural Gas	CNGLF239	39.46	CNGLF239R	43.44	2/6/2019	None	Bio-CNG	Athens Services (A431)	La Puente (V4048)	River Birch landfill (Avondale, LA) gas to pipelinequality biomethane; delivered via pipeline to La Puente, California and compressed to CNG (Provisional)	None	Retired
T1R-1224	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Montana-Dakota Utilities Billings Regional Landfill (71193). Montana landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	Montana	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF231L	49.9	CNGLF231LR	55.39	9/30/2016	Previous Tier 1 CNG058; 51.88	Bio-CNG	Clean Energy (5481)	MontanaDakota Utilities Billings Regional Landfill (71193)	Montana landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; regasified and compressed to LCNG in CA	None	Retired
T1R-1115	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: LES Renewable NG, LLC - SWACO Facility (71157). Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	Ohio	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF205L	61.68	LNGLF205LR	67.17	9/30/2016	Previous Tier 1 LNG022; 33.19	Bio-LNG	Clean Energy (5481)	LES Renewable NG, LLC SWACO Facility (71157)	Ohio landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T1R-1116	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Cedar Hills Landfill, Bio-Energy, LLC (71109). Washington landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Washington	Landfill Gas - CNG	Compressed Natural Gas	CNG009_1	13.67	CNGLF210L	30.90	9/30/2016	None	Bio-CNG	Clean Energy (5481)	Cedar Hills Landfill, BioEnergy, LLC (71109)	Washington landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1117	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Cedar Hills Landfill, Bio-Energy, LLC (71109). Washington landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	Washington	Landfill Gas - CNG	Compressed Natural Gas	CNGLF229L	37.29	CNGLF229LR	42.78	9/30/2016	Previous Tier 1 CNG011; 20.23	Bio-CNG	Clean Energy (5481)	Cedar Hills Landfill, BioEnergy, LLC (71109)	Washington landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; regasified and compressed to LCNG in CA	None	Retired
T1R-1118	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Cedar Hills Landfill, Bio-Energy, LLC (71109). Washington landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	Washington	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF206L	34.72	LNGLF206LR	40.21	9/30/2016	Previous Tier 1 LNG014; 18.14	Bio-LNG	Clean Energy (5481)	Cedar Hills Landfill, BioEnergy, LLC (71109)	Washington landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T1R-1119	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Complexe Enviro Progressive Itee (71198). Quebec landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	Canada	Landfill Gas - CNG	Compressed Natural Gas	CNGLF211L	38.56	CNGLF211LR	44.05	9/30/2016	Previous Tier 1 CNG049; 13.98	Bio-CNG	Clean Energy (5481)	Complexe Enviro Progressive Itee (71198)	Quebec landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; regasified and compressed to LCNG in CA	None	Retired
T1R-1120	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Complexe Enviro Progressive Itee (71198). Quebec landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Canada	Landfill Gas - CNG	Compressed Natural Gas	CNG048	7.36	CNGLF212L	31.96	9/30/2016	None	Bio-CNG	Clean Energy (5481)	Complexe Enviro Progressive Itee (71198)	Quebec landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1121	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Complexe Enviro Progressive Itee (71198). Quebec landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in CA	Canada	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF207L	37.03	LNGLF207LR	41.44	9/30/2016	Previous Tier 1 LNG033; 11.84	Bio-LNG	Clean Energy (5481)	Complexe Enviro Progressive Itee (71198)	Quebec landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in CA	None	Retired
T1N-1540	Tier 1	2.0	Fuel Producer: Athens Services (A431) Facility Name: Irwindale (V5355). River Birch landfill (Avondale, LA) gas to pipeline-quality biomethane; delivered via pipeline to Irwindale California and compressed to CNG (Provisional)	Louisiana	Landfill Gas	Compressed Natural Gas	CNGLF238	39.73	CNGLF238R	43.72	2/6/2019	None	Bio-CNG	Athens Services (A431)	Irwindale (V5355)	River Birch landfill (Avondale, LA) gas to pipelinequality biomethane; delivered via pipeline to Irwindale California and compressed to CNG (Provisional)	None	Retired
T1R-1100	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Westside Gas Producers LLC (71151). Michigan landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re gasified and compressed to L CNG in CA	Michigan	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF223L	51.80	CNGLF223LR	57.29	9/30/2016	Previous Tier 1 CNG032; 32.24	Bio-CNG	Clean Energy (5481)	Westside Gas Producers LLC (71151)	Michigan landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re gasified and compressed to L CNG in CA	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1125	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: EIF KC Landfill Gas LLC (71155). Kansas City landfill gas to pipeline-quality biomethane, delivered via pipeline; liquefied to LNG in CA	Kansas	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF209L	48.53	LNGLF209LR	54.02	9/30/2016	Previous Tier 1 LNG024; 30.8	Bio-LNG	Clean Energy (5481)	EIF KC Landfill Gas LLC (71155)	Kansas City landfill gas to pipeline-quality biomethane, delivered via pipeline; liquefied to LNG in CA	None	Retired
T1N-1635	Tier 1	2.0	Fuel Producer: Nardini Agroindustrial Ltda (4229) Facility Name: Nardini Agroindustrial Ltda (70525). Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS232	46.88	2/2/2017	None	Ethanol	Nardini Agroindustrial Ltda (4229)	Nardini Agroindustrial Ltda (70526)	Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1480	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina São José da Estiva S.A. - Açúcar e Alcool (70431); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS239	44.53	8/17/2017	None	Ethanol	Copersucar (3702)	Usina São José da Estiva SA Açúcar e Alcool (70431)	Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting	None	Retired
T1N-1481	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina São José da Estiva S.A. - Açúcar e Alcool (70431); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting and electricity credit.	Brazil	Molasses	Ethanol	ETHM208L	46.14	ETHM237	45.06	8/17/2017	None	Ethanol	Copersucar (3702)	Usina São José da Estiva SA Açúcar e Alcool (70431)	Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting and electricity credit	None	Retired
T1N-1139	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Barra (70210) - Ethanol production from Brazilian sugarcane by-product molasses feedstock, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM214	47.05	6/6/2016	None	Ethanol	Raízen Energia S/A (3805)	Barra (70210)	Ethanol production from Brazilian sugarcane byproduct molasses feedstock, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1R-1178	Tier 1	2.0	Fuel Producer: California Ethanol & Power [CE+P] IV1 (C088) Facility Name: CE+P IV1 (90-08). California Sugarcane to ethanol, mechanized harvesting, Electricity credit, CNG co-product	California	Sugarcane	Ethanol	ETHS026	54.47	ETHS202L	22.44	3/31/2016	None	Ethanol	California Ethanol & Power [CE+P] IV1 (C088)	CE+P IV 1 (90-08)	California Sugarcane to ethanol, mechanized harvesting, Electricity credit, CNG coproduct	None	Retired
T1N-1394	Tier 1	2.0	Fuel Producer: Usina Alto Alegre S/A - Açúcar e Alcool (5565) Facility Name: Unidade Junqueira (71018). Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS215	47.23	12/20/2016	None	Ethanol	Usina Alto Alegre S/A Açúcar e Alcool (5565)	Unidade Junqueira (71018)	Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1N-1142	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Benálcool (70549). Brazilian sugarcane molasses-based ethanol pathway, with credit for mechanized harvesting	Brazil	Molasses	Ethanol	None	None	ETHM234	47.63	5/19/2017	None	Ethanol	Raízen Energia S/A (3805)	Benálcool (70549)	Brazilian sugarcane molasses-based ethanol pathway, with credit for mechanized harvesting	None	Retired
T1N-1065	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869) Facility Name: Unidade MB (70568). Brazilian sugarcane juice-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS208	47.68	6/6/2016	None	Ethanol	BIOSEV SA (3869)	Unidade MB (70568)	Brazilian sugarcane juice-to-ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1189	Tier 1	2.0	Fuel Producer: BUNGE ACUCAR E BIOENERGIA LTDA (3858) Facility Name: USINA FRUTAL ACUCAR E ALCOOL (70579). Brazilian sugarcane juice-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS206	47.73	6/6/2016	None	Ethanol	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	USINA FRUTAL ACUCAR E ALCOOL (70579)	Brazilian sugarcane juice-to-ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1145	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Junqueira (70553). Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM217	47.82	7/8/2016	None	Ethanol	Raízen Energia S/A (3805)	Junqueira (70553)	Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting	None	Retired
T1N-1061	Tier 1	2.0	Fuel Producer: Noble Brasil S.A. (4232) Facility Name: Unidade Cantaduva (71061). Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS225	47.86	12/20/2016	None	Ethanol	Noble Brasil SA (4232)	Unidade Cantaduva (71061)	Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1371	Tier 1	2.0	Fuel Producer: Guarani SA (3890) Facility Name: Andrade Açúcar e Alcool SA (70451); Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS226	47.89	12/20/2016	None	Ethanol	Guarani SA (3890)	Andrade Açúcar e Alcool SA (70451)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1N-1395	Tier 1	2.0	Fuel Producer: Usina São Martinho S.A. (3867) Facility Name: Santa Cruz S/A Açúcar e Alcool (70484); Brazilian sugarcane juice-based ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS223	48.22	12/20/2016	None	Ethanol	Usina São Martinho SA (3867)	Santa Cruz S/A Açúcar e Alcool (70484)	Brazilian sugarcane juicebased ethanol, with credit for mechanized harvesting	None	Retired
T1N-1463	Tier 1	2.0	Fuel Producer: Tonon Bioenergia SA (4214) Facility Name: Santa Candida (70500); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS224	48.35	12/20/2016	None	Ethanol	Tonon Bioenergia SA (4214)	Santa Candida (70500)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1377	Tier 1	2.0	Fuel Producer: Odebrecht Agroindustrial SA (5580) Facility Name: Usina Conquista do Pontal S/A (70494); Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS231	48.39	12/20/2016	None	Ethanol	Odebrecht Agroindustrial SA (5580)	Usina Conquista do Pontal S/A (70494)	Brazilian sugarcane juicetoethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1077	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869) Facility Name: Unidade MB (70568); Brazilian sugarcane molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM228	48.63	2/15/2017	None	Ethanol	BIOSEV SA (3869)	Unidade MB (70568)	Brazilian sugarcane molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1759	Tier 1	2.0	Fuel Producer: Questar Fueling Company (Q500) Facility Name: River Birch, LLC (Sharing) (K200W); River Birch landfill gas to pipeline-quality biomethane; delivered via pipeline to Questar CNG stations in Buttonwillow, California (Provisional)	Louisiana	Landfill Gas	Compressed Natural Gas	CNGLF245	40.62	CNGLF245R	43.98	2/6/2019	None	Bio-CNG	Questar Fueling Company (Q500)	River Birch, LLC (Sharing)/(K200W)	River Birch landfill gas to pipelinequality biomethane; delivered via pipeline to Questar CNG stations in Buttonwillow, California (Provisional)	None	Retired
T1R-1108	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Seneca Energy II, LLC (71156); New York landfill gas to pipeline-quality biomethane; delivered via pipeline, liquified in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	New York	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF226L	56.21	CNGLF226LR	61.70	9/30/2016	Previous Tier 1 CNG028; 34.15	Bio-CNG	Clean Energy (5481)	Seneca Energy II, LLC (71156)	New York landfill gas to pipelinequality biomethane, delivered via pipeline, liquified in CA; transported by trucks; regasified and compressed to LCNG in CA	None	Retired
T1R-1225	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Montana-Dakota Utilities Billings Regional Landfill (71193); Montana landfill gas to pipeline-quality biomethane; delivered via pipeline; liquified to LNG in CA	Montana	Landfill Gas - LNG	Liquefied Natural Gas	LNGLF210L	47.3	LNGLF210LR	52.79	9/30/2016	Previous Tier 1 LNG036; 49.76	Bio-LNG	Clean Energy (5481)	MontanaDakota Utilities Billings Regional Landfill (71193)	Montana landfill gas to pipelinequality biomethane; delivered via pipeline; liquified to LNG in CA	None	Retired
T1N-1482	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Santa Adélia S.A. (70404); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS238	46.05	8/17/2017	None	Ethanol	Copersucar (3702)	Usina Santa Adélia SA (70404)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1483	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Santa Adélia S.A. (70404); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM210L	45.85	ETHM236	47.27	8/17/2017	None	Ethanol	Copersucar (3702)	Usina Santa Adélia SA (70404)	Brazilian sugarcane molassesstoethanol, with credit for mechanized harvesting	None	Retired
T1N-1459	Tier 1	2.0	Fuel Producer: Usina Delta SA (3852) Facility Name: Usina Delta S/A Unidade Delta (70367); Ethanol production from Brazilian sugarcane by-product molasses feedstock, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS220	49.69	12/20/2016	None	Ethanol	Usina Delta SA (3852)	Usina Delta S/A Unidade Delta (70367)	Ethanol production from Brazilian sugarcane byproduct molasses feedstock, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1616	Tier 1	2.0	Fuel Producer: Usina de Açúcar Santa Terezinha Ltda. (3921) Facility Name: Usina de Açúcar Santa Terezinha - Unidade Tapejara (70464); Brazilian sugarcane molasses-based ethanol, with credit for mechanized harvesting, and export of surplus cogenerated electricity.	Brazil	Molasses	Ethanol	None	None	ETHM224	52.78	12/20/2016	None	Ethanol	Usina de Açúcar Santa Terezinha Ltda (3921)	Usina de Açúcar Santa Terezinha Unidade Tapejara (70464)	Brazilian sugarcane molassesbased ethanol, with credit for mechanized harvesting, and export of surplus cogenerated electricity	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1462	Tier 1	2.0	Fuel Producer: Tonon Bioenergia SA (4214) Facility Name: Vista Alegre (70499) Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS230	53.40	12/20/2016	None	Ethanol	Tonon Bioenergia SA (4214)	Vista Alegre (70499)	Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting	None	Retired
T1R-1516	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317), California Corn, California Ethanol, Dry Mill, WDGS, 100% Landfill Gas, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC123	60.74	ETHC269L	53.49	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	California Corn, California Ethanol, Dry Mill, WDGS, 100% Landfill Gas, With Lime Use in Fertilizer	None	Retired
T1R-1258	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Ehrenberg LNG (C0660), North American Natural Gas pipelined to Ehrenberg (AZ) for liquefaction, then transported by truck to CA	Arizona	North American NG - LNG	Liquefied Natural Gas	LNG010	76.25	LNGF200L	86.22	9/30/2016	None	Fossil LNG	Clean Energy (5481)	Ehrenberg LNG (C0660)	North American Natural Gas pipelined to Ehrenberg (AZ) for liquefaction, then transported by truck to CA	None	Retired
T1N-1614	Tier 1	2.0	Fuel Producer: Usina de Açúcar Santa Terezinha Ltda. (3921) Facility Name: Usina de Açúcar Santa Terezinha - Unidade Terra Rica (71032) Brazilian sugarcane juice-based ethanol, with credit for mechanized harvesting, and surplus cogenerated electricity exports.	Brazil	Sugarcane	Ethanol	None	None	ETHS228	53.69	12/20/2016	None	Ethanol	Usina de Açúcar Santa Terezinha Ltda (3921)	Usina de Açúcar Santa Terezinha Unidade Terra Rica (71032)	Brazilian sugarcane juice-based ethanol, with credit for mechanized harvesting, and surplus cogenerated electricity exports	None	Retired
T1R-1264	Tier 1	2.0	Fuel Producer: Copersucar (3702) Facility Name: Cocal - Comércio Indústria Canaã Açúcar e Alcool Ltda. (70419), Brazilian sugarcane by-product molasses-based ethanol with average production processes, with credit for electricity cogeneration and surplus export, and mechanization	Brazil	Molasses	Ethanol	ETHM013	67.64	ETHM209L	46.04	3/31/2016	None	Ethanol	Copersucar (3702)	Cocal Comércio Indústria Canaã Açúcar e Alcool Ltda (70419)	Brazilian sugarcane byproduct molasses-based ethanol with average production processes, with credit for electricity cogeneration and surplus export, and mechanization	None	Retired
T1N-1607	Tier 1	2.0	Fuel Producer: Usina de Açúcar Santa Terezinha Ltda. (3921) Facility Name: Usina de Açúcar Santa Terezinha - Unidade de Ivaté (71030) Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM222	54.37	12/20/2016	None	Ethanol	Usina de Açúcar Santa Terezinha Ltda (3921)	Usina de Açúcar Santa Terezinha Unidade de Ivaté (71030)	Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting	None	Retired
T1R-1280	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) Facility Name: Blue Skies Energy (71132), Michigan Landfill gas to pipeline-quality biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to CA	Michigan	Landfill Gas - LNG	Liquefied Natural Gas	LNG017	24.90	LNGLF211L	55.38	9/30/2016	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Blue Skies Energy (71132)	Michigan Landfill gas to pipeline-quality biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to CA	None	Retired
T1R-1329	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: McCarty Road LFG Recovery Facility (71135), Texas landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in AZ; transported by trucks to California, re gasified and compressed to L CNG in CA	Texas	Landfill Gas - L-CNG	Compressed Natural Gas	CNG034	27.85	CNGLF234L	57.58	9/30/2016	None	Bio-CNG	Applied Natural Gas Fuels, Inc. (6174)	McCarty Road LFG Recovery Facility (71135)	Texas landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in AZ; transported by trucks to California; re gasified and compressed to L CNG in CA	None	Retired
T1R-1282	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) Facility Name: Blue Skies Energy (71132), Michigan Landfill gas to pipeline-quality biomethane, delivered to California via pipeline for liquefaction	Michigan	Landfill Gas - LNG	Liquefied Natural Gas	LNG019	21.68	LNGLF212L	44.25	9/30/2016	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Blue Skies Energy (71132)	Michigan Landfill gas to pipeline-quality biomethane, delivered to California via pipeline for liquefaction	None	Retired
T1R-1105	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: CERF Shelby LLC (71163), CERF Shelby landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re gasified and compressed to L CNG in CA	Tennessee	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF225L	57.72	CNGLF225LR	63.21	9/30/2016	Previous Tier 1 CNG035; 45.95	Bio-CNG	Clean Energy (5481)	CERF Shelby LLC (71163)	CERF Shelby landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re gasified and compressed to L CNG in CA	None	Retired
T2N-1099	Tier 2	2.0	Fuel Producer: AltEn, LLC (6269) Facility Name: AltEn (70131) Midwest spent corn and sorghum seeds to produce ethanol, using grid electricity, natural gas, and biogas. (Provisional)	Nebraska	Spent Corn and Sorghum Seeds	Ethanol	None	None	ETHCSS200	59.29	12/26/2016	Application Package	Ethanol	AltEn, LLC (6269)	AltEn (70131)	Midwest spent corn and sorghum seeds to produce ethanol, using grid electricity, natural gas, and biogas(Provisional)	None	Retired
T1R-1305	Tier 1	2.0	Fuel Producer: Copersucar (3702) Facility Name: Pioneiros Bioenergia S.A. (70430), Brazilian sugarcane by-product molasses-based ethanol with average production processes, with credit for electricity cogeneration and surplus export, and mechanization	Brazil	Molasses	Ethanol	ETHM017	58.48	ETHM211L	45.01	3/31/2016	None	Ethanol	Copersucar (3702)	Pioneiros Bioenergia SA (70430)	Brazilian sugarcane byproduct molasses-based ethanol with average production processes, with credit for electricity cogeneration and surplus export, and mechanization	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1318	Tier 1	2.0	Fuel Producer: San Diego Metropolitan Transit Center (S304) Facility Name: RiverBirch LLC (K2000). Louisiana landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA (<i>Provisional</i>)	Louisiana	Landfill Gas - CNG	Compressed Natural Gas	CNGLF215L	37.23	CNGLF215LR	43.06	2/6/2019	None	Bio-CNG	San Diego Metropolitan Transit Center (S304)	RiverBirch LLC (K2000)	Louisiana landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA (Provisional)	None	Retired
T1R-1319	Tier 1	2.0	Fuel Producer: San Diego Metropolitan Transit Center (S304) Facility Name: McCarty Road Landfill (L9416). Texas landfill gas to pipeline-quality biomethane, delivered via pipeline, compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	CNG042	19.82	CNGLF216L	38.02	9/30/2016	None	Bio-CNG	San Diego Metropolitan Transit Center (S304)	McCarty Road Landfill (L9416)	Texas landfill gas to pipelinequality biomethane, delivered via pipeline, compressed to CNG in CA	None	Retired
T1R-1110	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Dallas Clean Energy McCommas Bluff (71009). Texas landfill gas to biomethane; delivered by pipeline; compressed in CA	Texas	Landfill Gas	Compressed Natural Gas	CNG016	28.42	CNGLF208L	41.35	9/30/2016	None	Bio-CNG	Clean Energy (5481)	Dallas Clean Energy McCommas Bluff (71009)	Texas landfill gas to biomethane; delivered by pipeline; compressed in CA	None	Retired
T1R-1322	Tier 1	2.0	Fuel Producer: San Diego Metropolitan Transit Center (S304) Facility Name: BFI Usine de Triage Lachenaie Ltd (C3779). Quebec, Canada landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Canada	Landfill Gas - CNG	Compressed Natural Gas	CNG045	7.04	CNGLF218L	32.27	9/30/2016	None	Bio-CNG	San Diego Metropolitan Transit Center (S304)	BFI Usine de Triage Lachenaie Ltd (C3779)	Quebec, Canada landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1324	Tier 1	2.0	Fuel Producer: San Diego Metropolitan Transit Center (S304) Facility Name: Cedar Hills Landfill, LLC (71136). Washington landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	California	Landfill Gas - CNG	Compressed Natural Gas	CNG010	13.36	CNGLF219L	30.50	9/30/2016	None	Bio-CNG	San Diego Metropolitan Transit Center (S304)	Cedar Hills Landfill, LLC (71136)	Washington landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1326	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Needle Mountain LNG PLant (95116). North American NG; delivered via pipeline; liquefied in Topock, AZ; delivered via truck to CA	Arizona	North American NG - LNG	Liquefied Natural Gas	LNG011_1	76.48	LNGF201L	87.73	9/30/2016	None	Fossil LNG	Applied Natural Gas Fuels, Inc. (6174)	Needle Mountain LNG PLant (95116)	North American NG, delivered via pipeline; liquefied in Topock, AZ; delivered via truck to CA	None	Retired
T1R-1327	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Needle Mountain LNG PLant (95116). North American NG; delivered via pipeline; liquefied in Topock, AZ; delivered via truck; re-gasified and compressed to L-CNG in CA	Arizona	North American NG - L-CNG	Compressed Natural Gas	CNG015	76.87	CNGF202L	90.33	9/30/2016	None	Fossil CNG	Applied Natural Gas Fuels, Inc. (6174)	Needle Mountain LNG PLant (95116)	North American NG, delivered via pipeline; liquefied in Topock, AZ; delivered via truck; regasified and compressed to LCNG in CA	None	Retired
T1R-1328	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: McCarty Road LFG Recovery Facility (71135). Texas landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; transported by trucks to CA	Texas	Landfill Gas - LNG	Liquefied Natural Gas	LNG027	27.45	LNLGF213L	55.05	9/30/2016	None	Bio-LNG	Applied Natural Gas Fuels, Inc. (6174)	McCarty Road LFG Recovery Facility (71135)	Texas landfill gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in AZ; transported by trucks to CA	None	Retired
T1R-1333	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Fresh Kills Landfill (71203). New York landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in Arizona; transported by trucks to California; re-gasified and compressed to L-CNG in CA	New York	Landfill Gas - L-CNG	Compressed Natural Gas	CNG046	32.24	CNGLF236L	59.34	9/30/2016	None	Bio-CNG	Applied Natural Gas Fuels, Inc. (6174)	Fresh Kills Landfill (71203)	New York landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in Arizona; transported by trucks to California; regasified and compressed to LCNG in CA	None	Retired
T1R-1330	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Fort Bend Landfill Recovery (71139). North American Landfill Gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in Arizona and transport to CA	Arizona	Landfill Gas - LNG	Liquefied Natural Gas	LNG012_1	40.91	LNLGF214L	76.61	9/30/2016	None	Bio-LNG	Applied Natural Gas Fuels, Inc. (6174)	Fort Bend Landfill Recovery (71139)	North American Landfill Gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in Arizona and transport to CA	None	Retired
T1R-1281	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) Facility Name: Blue Skies Energy (71132). Michigan Landfill gas to pipeline-quality biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to CA; re-gasified and compressed to L-CNG	Michigan	Landfill Gas - L-CNG	Compressed Natural Gas	CNG014	25.30	CNGLF232L	59.36	9/30/2016	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Blue Skies Energy (71132)	Michigan Landfill gas to pipelinequality biomethane, delivered to Topock, AZ via pipeline for liquefaction; transported by truck to CA; regasified and compressed to LCNG	None	Retired
T1R-1332	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Fresh Kills Landfill (71203). New York landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in Arizona; transported by trucks to CA	New York	Landfill Gas - LNG	Liquefied Natural Gas	LNG032	31.84	LNLGF215L	56.74	9/30/2016	None	Bio-LNG	Applied Natural Gas Fuels, Inc. (6174)	Fresh Kills Landfill (71203)	New York landfill gas to pipelinequality biomethane; delivered via pipeline, liquefied to LNG in Arizona; transported by trucks to CA	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1114	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: LES Renewable NG, LLC - SWACO Facility (71157); Ohio landfill gas to pipeline-quality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; re-gasified and compressed to L-CNG in CA	Ohio	Landfill Gas - L-CNG	Compressed Natural Gas	CNGLF228L	64.28	CNGLF228LR	71.31	9/30/2016	Previous Tier 1 CNG026; 35.31	Bio-CNG	Clean Energy (5481)	LES Renewable NG, LLC SWACO Facility (71157)	Ohio landfill gas to pipelinequality biomethane, delivered via pipeline, liquefied in CA; transported by trucks; regasified and compressed to LCNG in CA	None	Retired
T1R-1359	Tier 1	2.0	Fuel Producer: SunLine Transit Agency (5317) Facility Name: Sunline Transit (H2505), Quebec, Canada landfill gas to pipeline-quality biomethane, delivered via pipeline; compressed to CNG in CA	Canada	Landfill Gas - CNG	Compressed Natural Gas	CNG050	6.28	CNGLF220L	31.17	9/30/2016	None	Bio-CNG	SunLine Transit Agency (5317)	Sunline Transit (H2505)	Quebec, Canada landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1364	Tier 1	2.0	Fuel Producer: Universal Biofuels Private, Ltd (6213) Facility Name: Universal Biofuels Private, Ltd (62702); Indian sourced high energy rendered tallow; Biodiesel Produced in Andhra Pradesh, India; biomass (rice husks); grid and backup diesel generator electricity	Biodiesel	Tallow	Biodiesel	BIOD039	57.84	BDT207L	37.97	12/20/2016	None	Biodiesel	Universal Biofuels Private, Ltd (6213)	Universal Biofuels Private, Ltd (62702)	Indian sourced high energy rendered tallow; Biodiesel Produced in Andhra Pradesh, India; biomass (rice husks)/grid and backup diesel generator electricity	None	Retired
T1R-1365	Tier 1	2.0	Fuel Producer: Universal Biofuels Private, Ltd (6213) Facility Name: Universal Biofuels Private, Ltd (62702); Used Cooking Oil sourced world-wide where "cooking" is required; Biodiesel Produced in Andhra Pradesh, India; biomass (rice husks); grid and backup diesel generator electricity	Biodiesel	UCO	Biodiesel	BIOD040	24.45	BDU212L	26.07	12/20/2016	None	Biodiesel	Universal Biofuels Private, Ltd (6213)	Universal Biofuels Private, Ltd (62702)	Used Cooking Oil sourced worldwide where "cooking" is required; Biodiesel Produced in Andhra Pradesh, India; biomass (rice husks)/grid and backup diesel generator electricity	None	Retired
T1R-1396	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: Fort Bend Power Producers (shared facility) (71136), Texas landfill gas to pipeline-quality biomethane, delivered via pipeline, compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	CNG043	24.49	CNGLF221L	38.02	9/30/2016	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers(shared facility)(71136)	Texas landfill gas to pipelinequality biomethane, delivered via pipeline, compressed to CNG in CA	None	Retired
T2R-1044	Tier 2	2.0	Fuel Producer: Trestle Energy LLC (T315) Facility Name: Golden Grain Energy, LLC (shared facility) (70695), Midwest, Corn Ethanol, Dry Mill, 100% DDGS, NG	Iowa	Corn	Ethanol	ETHC116	70.65	ETHC273L	59.60	3/31/2016	None	Ethanol	Trestle Energy LLC (T315)	Golden Grain Energy, LLC(shared facility)(70695)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, NG	None	Retired
T2R-1047	Tier 2	2.0	Fuel Producer: Poet DSM Project Liberty LLC (6232) Facility Name: Poet DSM Project Liberty LLC (71164), Corn Stover residue-based cellulosic ethanol with surplus steam and biogas export co-product credits	Iowa	Corn Stover	Ethanol	ETHB004	21.58	ETHCS201L	21.58	3/31/2016	None	Ethanol - Cellulosic	Poet DSM Project Liberty LLC (6232)	Poet DSM Project Liberty LLC (71164)	Corn Stover residuebased cellulosic ethanol with surplus steam and biogas export coproduct credits	None	Retired
T2R-1015	Tier 2	2.0	Fuel Producer: Abengoa Bioenergia Agroindustria Ltda (3924) Facility Name: Abengoa - São Luiz (70473), Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	Brazil	Molasses	Ethanol	ETHM010	54.92	ETHM213L	42.06	3/31/2016	None	Ethanol	Abengoa Bioenergia Agroindustria Ltda (3924)	Abengoa São Luiz (70473)	Brazilian sugarcane byproduct molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T2R-1033	Tier 2	2.0	Fuel Producer: LytEn (L700) Facility Name: LytEn (K4933), Landfill gas to hydrogen production via cracking of methane and transport by tube trailer	California	Landfill Gas	Hydrogen	HYGN010	-32.36	HYGLF200L	-5.28	9/30/2016	None	Hydrogen	LytEn (L700)	LytEn (K4933)	Landfill gas to hydrogen production via cracking of methane and transport by tube trailer	None	Retired
T2R-1034	Tier 2	2.0	Fuel Producer: LytEn (L700) Facility Name: LytEn (K4933), North American fossil NG and landfill gas to on-site hydrogen production via cracking of methane	California	Fossil NG & Landfill Gas	Hydrogen	HYGN007	15.29	HYGLF200L	40.36	9/30/2016	None	Hydrogen	LytEn (L700)	LytEn (K4933)	North American fossil NG and landfill gas to onsite hydrogen production via cracking of methane	None	Retired
T2R-1035	Tier 2	2.0	Fuel Producer: LytEn (L700) Facility Name: LytEn (K4933), Landfill gas to on-site hydrogen production via cracking of methane	California	Landfill Gas	Hydrogen	HYGN008	-46.91	HYGLF201L	-12.65	9/30/2016	None	Hydrogen	LytEn (L700)	LytEn (K4933)	Landfill gas to onsite hydrogen production via cracking of methane	None	Retired
T2R-1036	Tier 2	2.0	Fuel Producer: LytEn (L700) Facility Name: LytEn (K4933), North American fossil NG and landfill gas to hydrogen production via cracking of methane and transport by tube trailer	California	Fossil NG & Landfill Gas	Hydrogen	HYGN009	29.84	HYGLF201L	47.73	9/30/2016	None	Hydrogen	LytEn (L700)	LytEn (K4933)	North American fossil NG and landfill gas to hydrogen production via cracking of methane and transport by tube trailer	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2R-1038	Tier 2	2.0	Fuel Producer: California Ethanol & Power [CE+P] IV1 (C088) Facility Name: CE+P IV1 (90-08). Sweet Sorghum to ethanol, mechanized harvesting, Electricity credit, CNG co-product	California	Sorghum	Ethanol	ETHG022	39.00	ETHG213L	30.63	3/31/2016	None	Ethanol	California Ethanol & Power [CE+P] IV1 (C088)	CE+P IV1 (90-08)	Sweet Sorghum to ethanol, mechanized harvesting, Electricity credit, CNG coproduct	None	Retired
T2R-1039	Tier 2	2.0	Fuel Producer: Biocom Energia (6099) Facility Name: Biocom Energia (81607); Spain sourced low-free fatty acids (Used Cooking Oil) where "cooking" is required; Biodiesel Produced in Spain	Spain	Used Cooking Oil (Spain)	Biodiesel	BIOD036	20.74	BDU208L	22.17	6/30/2016	None	Biodiesel	Biocom Energia (6099)	Biocom Energia (81607)	Spain sourced lowfree fatty acids (Used Cooking Oil)where "cooking" is required; Biodiesel Produced in Spain	None	Retired
T2R-1040	Tier 2	2.0	Fuel Producer: Biocom Energia (6099) Facility Name: Biocom Energia (81607); European sourced low-free fatty acids (Used Cooking Oil) where "cooking" is required; Biodiesel Produced in Spain	Spain	Used Cooking Oil (Europe)	Biodiesel	BIOD037	21.17	BDU209L	21.77	6/30/2016	None	Biodiesel	Biocom Energia (6099)	Biocom Energia (81607)	European sourced lowfree fatty acids (Used Cooking Oil)where "cooking" is required; Biodiesel Produced in Spain	None	Retired
T2R-1041	Tier 2	2.0	Fuel Producer: Biocom Energia (6099) Facility Name: Biocom Energia (81607); Low-free fatty acids (Used Cooking Oil) sourced from Rest of the World where "cooking" is required; Biodiesel Produced in Spain	Spain	Used Cooking Oil (Global)	Biodiesel	BIOD038	26.03	BDU210L	26.83	6/30/2016	None	Biodiesel	Biocom Energia (6099)	Biocom Energia (81607)	Lowfree fatty acids (Used Cooking Oil)sourced from Rest of the World where "cooking" is required; Biodiesel Produced in Spain	None	Retired
T2R-1043	Tier 2	2.0	Fuel Producer: Fulcrum Sierra BioFuels, LLC (F197) Facility Name: Fulcrum Sierra BioFuels, LLC (P3600). Fisher-Tropsch (FT) Diesel via Gasification and FT Synthesis of Municipal Solid Waste (MSW)	Nevada	Municipal Solid Waste (MSW)	Fischer-Tropsch Diesel (FTD)	FTD001	37.47	FTDMW200L	14.78	9/30/2016	None	FT Diesel	Fulcrum Sierra BioFuels, LLC (F197)	Fulcrum Sierra BioFuels, LLC (P3600)	FisherTropsch (FT)Diesel via Gasification and FT Synthesis of Municipal Solid Waste (MSW)	None	Retired
T2R-1077	Tier 2	2.0	Fuel Producer: Abengoa Bioenergy Biomass of Kansas (6254) Facility Name: Abengoa Bioenergy Biomass of Kansas, LLC (71183). Wheat Straw residue-based cellulosic ethanol with electricity co-product credit	Kansas	Wheat Straw	Ethanol	ETHB003	23.36	ETHWS200L	24.20	3/31/2016	None	Ethanol - Cellulosic	Abengoa Bioenergy Biomass of Kansas (6254)	Abengoa Bioenergy Biomass of Kansas, LLC (71183)	Wheat Straw residuebased cellulosic ethanol with electricity coproduct credit	None	Retired
T2R-1011	Tier 2	2.0	Fuel Producer: Abengoa Bioenergy Biomass of Kansas (6254) Facility Name: Abengoa Bioenergy Biomass of Kansas, LLC (71183). Corn Stover residue-based cellulosic ethanol with electricity co-product credit	Brazil	Corn Stover	Ethanol	ETHB002	29.52	ETHCS200L	32.82	3/31/2016	None	Ethanol - Cellulosic	Abengoa Bioenergy Biomass of Kansas (6254)	Abengoa Bioenergy Biomass of Kansas, LLC (71183)	Corn Stover residuebased cellulosic ethanol with electricity coproduct credit	None	Retired
T2R-1068	Tier 2	2.0	Fuel Producer: Ensyn Technologies Inc. (6179) Facility Name: Ensyn Ontario Facility (82219). Renewable gasoline from forest residues via pyrolysis and co-processing of bio oil. Bio oil transport by rail to CA	Canada	Pyrolysis Oil from Forest Residue	Renewable Gasoline	RNWG001	20.12	RGFRP200L	21.17	9/30/2016	None	Renewable Gasoline	Ensyn Technologies Inc. (6179)	Ensyn Ontario Facility (82219)	Renewable gasoline from forest residues via pyrolysis and coprocessing of bio Oil;Bio oil transport by rail to CA	None	Retired
T2R-1069	Tier 2	2.0	Fuel Producer: Ensyn Technologies Inc. (6179) Facility Name: Ensyn Ontario Facility (82219). Renewable gasoline from forest residues via pyrolysis and co-processing of bio oil. Bio oil transport by truck to CA	Canada	Pyrolysis Oil from Forest Residue	Renewable Gasoline	RNWG002	25.03	RGFRP201L	26.08	9/30/2016	None	Renewable Gasoline	Ensyn Technologies Inc. (6179)	Ensyn Ontario Facility (82219)	Renewable gasoline from forest residues via pyrolysis and coprocessing of bio Oil;Bio oil transport by truck to CA	None	Retired
T2R-1070	Tier 2	2.0	Fuel Producer: Ensyn Technologies Inc. (6179) Facility Name: Ensyn Ontario Facility (82219). Renewable diesel from forest residues via pyrolysis and co-processing of bio oil. Bio oil transport by rail to CA	Canada	Pyrolysis Oil from Forest Residue	Biodiesel	RNWD028	21.67	RDFRP200L	22.42	9/30/2016	None	Renewable Diesel	Ensyn Technologies Inc. (6179)	Ensyn Ontario Facility (82219)	Renewable diesel from forest residues via pyrolysis and coprocessing of bio Oil;Bio oil transport by rail to CA	None	Retired
T2R-1071	Tier 2	2.0	Fuel Producer: Ensyn Technologies Inc. (6179) Facility Name: Ensyn Ontario Facility (82219). Renewable diesel from forest residues via pyrolysis and co-processing of bio oil. Bio oil transport by truck to CA	Canada	Pyrolysis Oil from Forest Residue	Renewable Diesel	RNWD029	25.58	RDFRP201L	27.33	9/30/2016	None	Renewable Diesel	Ensyn Technologies Inc. (6179)	Ensyn Ontario Facility (82219)	Renewbale diesel from forest residues via pyrolysis and coprocessing of bio Oil;Bio oil transport by truck to CA	None	Retired
T2R-1050	Tier 2	2.0	Fuel Producer: GranBio Investimentos S.A (6260) Facility Name: Bioflex Agroindustrial SA (71192). Brazilian sugarcane straw residue-based cellulosic ethanol, with credit for electricity cogeneration and surplus export	Brazil	Sugarcane Straw	Ethanol	ETHB001	6.98	ETHSS200L	33.82	3/31/2016	None	Ethanol - Cellulosic	GranBio Investimentos S.A (6260)	Bioflex Agroindustrial SA (71192)	Brazilian sugarcane straw residuebased cellulosic ethanol, with credit for electricity cogeneration and surplus export	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2R-1080	Tier 2	2.0	Fuel Producer: Alameda-Contra Costa Transit District (A140) Facility Name: Division 2 (F1600). Hydrogen production via electrolysis using solar electricity	California	Solar Elericity via Electrolysis	Hydrogen	HYGN006	0.00	HYGE200L	0.00	9/30/2016	None	Hydrogen	AlamedaContra Costa Transit District (A149)	Division 2 (F1600)	Hydrogen production via electrolysis using solar electricity	None	Retired
T1R-1193	Tier 1	2.0	Fuel Producer: Green Plains Hereford LLC (6327) Facility Name: Green Plains Hereford LLC (70534). Midwest, Corn Ethanol, Dry Mill, NG	Texas	Corn	Ethanol	ETHC072	78.90	ETHC248L	67.60	3/31/2016	None	Ethanol	Green Plains Hereford LLC (6327)	Green Plains Hereford LLC (70534)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T2R-1117	Tier 2	2.0	Fuel Producer: Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (60327). Asian Used Cooking Oil to Renewable Diesel Produced in Singapore.	Singapore	Asian Used Cooking Oil	Renewable Diesel	RNWD009	16.21	RDU200L	16.89	6/30/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (60327)	Asian Used Cooking Oil to Renewable Diesel Produced in Singapore	None	Retired
None	Lookup Table	3.0	California grid electricity used as a transportation fuel in California	California	Grid Electricity (039)	Electricity (ELC)	None	None	ELC000L00072019	81.49	NA	None	Electricity	NA	NA	California grid electricity used as a transportation fuel in California	None	Retired
T1N-1063	Tier 1	2.0	Fuel Producer: Noble Brasil S.A. (4232) Facility Name: Noble Brasil S/A - NBSA (UM) (70528). Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS227	45.22	12/20/2016	None	Ethanol	Noble Brasil SA (4232)	Noble Brasil S/A NBSA (UM)(70526)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1N-1079	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869) Facility Name: Usina Santa Elisa (71070). Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM201	45.50	3/31/2016	None	Ethanol	BIOSEV SA (3869)	Usina Santa Elisa (71070)	Brazilian sugarcane byproduct molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1085	Tier 1	2.0	Fuel Producer: USJ Açúcar e Alcool SA (3878) Facility Name: USJ Açúcar e Alcool S/A (70441). Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS209	46.26	7/8/2016	None	Ethanol	USJ Açúcar e Alcool SA (3878)	USJ Açúcar e Alcool S/A (70441)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1096	Tier 1	2.0	Fuel Producer: Glencane Bioenergia SA (4429) Facility Name: Glencane Bioenergia SA (71008). Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS222	46.30	12/20/2016	None	Ethanol	Glencane Bioenergia SA (4429)	Glencane Bioenergia SA (71008)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1R-1214	Tier 1	2.0	Fuel Producer: Green Plains Central City (3368) Facility Name: Green Plains Central City LLC (70141). Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC023	82.17	ETHC252L	70.71	3/31/2016	None	Ethanol	Green Plains Central City (3368)	Green Plains Central City LLC (70141)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1N-1070	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: WE Hereford, LLC (70037). Midwest Corn, Ethanol, Dry Mill, 100% WDGS, NG	Texas	Corn	Ethanol	None	None	ETHC200	70.79	3/31/2016	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Ethanol, Dry Mill, 100% WDGS, NG	None	Retired
T1N-1134	Tier 1	2.0	Fuel Producer: Raizen Energia S/A (3805) Facility Name: Serra (70559). Brazilian sugarcane molasses-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM226	42.84	2/2/2017	None	Ethanol	Raizen Energia S/A (3805)	Serra (70559)	Brazilian sugarcane molassestoethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1135	Tier 1	2.0	Fuel Producer: Raizen Energia S/A (3805) Facility Name: Ipaussu (71058). Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting, and surplus cogenerated electricity export.	Brazil	Molasses	Ethanol	None	None	ETHM220	44.39	12/20/2016	None	Ethanol	Raizen Energia S/A (3805)	Ipaussu (71058)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting, and surplus cogenerated electricity export	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1569	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: US Energy Partners, LLC (White Energy, Russell) (70038); Corn to Ethanol, Dry Mill, Midwest, NG, 100% WDGS	Kansas	Corn	Ethanol	None	None	ETHC281	72.32	2/2/2017	None	Ethanol	White Energy, Inc. (4745)	US Energy Partners, LLC (White Energy, Russell)(70038)	Corn to Ethanol, Dry Mill, Midwest, NG, 100% WDGS	None	Retired
T1N-1147	Tier 1	2.0	Fuel Producer: Raizen Energia S/A (3805) Facility Name: Univaem (70550); Brazilian sugarcane molasses-to-ethanol pathway, with credit for mechanized harvesting	Brazil	Molasses	Ethanol	None	None	ETHM233	44.94	5/19/2017	None	Ethanol	Raizen Energia S/A (3805)	Univaem (70550)	Brazilian sugarcane molassestoethanol pathway, with credit for mechanized harvesting	None	Retired
T1N-1187	Tier 1	2.0	Fuel Producer: BUNGE ACUCAR E BIOENERGIA LTDA (3858) Facility Name: USINA MOEMA AÇUCAR E ALCOOL LTDA (70386); Brazilian sugarcane juice-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS200	46.19	3/31/2016	None	Ethanol	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	USINA MOEMA AÇUCAR E ALCOOL LTDA (70386)	Brazilian sugarcane juicetoethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1R-1088	Tier 1	2.0	Fuel Producer: Granite Falls Energy, LLC (4769) Facility Name: Granite Falls Energy, LLC (70071); Midwest, Corn Ethanol, Dry Mill, Mixed DDGS and MDGS, NG	Minnesota	Corn	Ethanol	ETHC094	85.08	ETHC242L	74.30	3/31/2016	None	Ethanol	Granite Falls Energy, LLC (4769)	Granite Falls Energy, LLC (70071)	Midwest, Corn Ethanol, Dry Mill, Mixed DDGS and MDGS, NG	None	Retired
T1R-1270 T1R-1271	Tier 1	2.0	Fuel Producer: Valero Renewable Fuels (3201) Facility Name: Valero Renewable Fuels Albion (70283); Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% WDGS, NG	Nebraska	Corn	Ethanol	ETHC106 ETHC107	86.49 82.37	ETHC261L	74.66	3/31/2016	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Albion (70283)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% WDGS, NG	None	Retired
T1N-1277	Tier 1	2.0	Fuel Producer: Elkhorn Valley Ethanol LLC (4833) Facility Name: Elkhorn Valley Ethanol LLC (70095); Midwest Corn, Ethanol, Dry Mill, 100% MDGS, NG	Nebraska	Corn	Ethanol	None	None	ETHC222	74.74	3/31/2016	None	Ethanol	Elkhorn Valley Ethanol LLC (4833)	Elkhorn Valley Ethanol LLC (70095)	Midwest Corn, Ethanol, Dry Mill, 100% MDGS, NG	None	Retired
T1N-1306	Tier 1	2.0	Fuel Producer: SeQuential (6129) Facility Name: SeQuential-Pacific Biodiesel, LLC. (83525); Raw Used Cooking Oil and Rendered Used Cooking Oil from close source (within 500 miles) to Biodiesel produced in Oregon	Oregon	Used Cooking Oil	Biodiesel	None	None	BDU213	25.67	7/1/2016	None	Biodiesel	SeQuential (6129)	SeQuentialPacific Biodiesel, LLC(83525)	Raw Used Cooking Oil and Rendered Used Cooking Oil from close source (within 500 miles)to Biodiesel produced in Oregon	None	Retired
T1R-1221	Tier 1	2.0	Fuel Producer: Green Plains Ord LLC (3360) Facility Name: Green Plains Ord LLC (70138); Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC040	85.84	ETHC255L	74.84	3/31/2016	None	Ethanol	Green Plains Ord LLC (3360)	Green Plains Ord LLC (70138)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1N-1320	Tier 1	2.0	Fuel Producer: Los Angeles County Metropolitan Transportation Authority (L440) Facility Name: LA Metro Aggregate (G0001); North American NG delivered via pipeline; compressed in CA	California	North American NG - CNG	Compressed Natural Gas	None	None	CNGF200	80.59	9/30/2016	None	Fossil CNG	Los Angeles County Metropolitan Transportation Authority (L440)	LA Metro Aggregate (G0001)	North American NG delivered via pipeline; compressed in CA	None	Retired
T1R-1219	Tier 1	2.0	Fuel Producer: Green Plains Shenandoah LLC (5073) Facility Name: Green Plains Shenandoah LLC (70149); Midwest, Corn Ethanol, Dry Mill, NG	Iowa	Corn	Ethanol	ETHC041	85.73	ETHC254L	74.87	3/31/2016	None	Ethanol	Green Plains Shenandoah LLC (5073)	Green Plains Shenandoah LLC (70149)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1R-1186	Tier 1	2.0	Fuel Producer: Highwater Ethanol, LLC (3303) Facility Name: Highwater Ethanol, LLC (70235); Midwest, Corn Ethanol, Dry Mill, NG	Minnesota	Corn	Ethanol	ETHC115	85.90	ETHC247L	75.15	3/31/2016	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1N-1336	Tier 1	2.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935) Facility Name: Community Fuels Port of Stockton (82728); Biodiesel produced from Midwest Canola Oil; Fuel produced in California	Stockton, California	Canola	Biodiesel	None	None	BDCA201	54.97	6/30/2016	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	Biodiesel produced from Midwest Canola Oil; Fuel produced in California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1338	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: Fort Bend Power Producers (shared facility) (7113s). Fort Bend landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	None	None	CNGLF200	33.56	9/30/2016	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers(shared facility)(7113s)	Fort Bend landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1339	Tier 1	2.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935) Facility Name: Community Fuels Port of Stockton (82728) Biodiesel produced from Midwest Corn Oil; Fuel produced in California	Stockton, California	Corn Oil from Wet DGS	Biodiesel	None	None	BDC204	29.42	6/30/2016	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	Biodiesel produced from Midwest Corn Oil; Fuel produced in California	None	Retired
T1N-1340	Tier 1	2.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935) Facility Name: Community Fuels Port of Stockton (82728) Midwest Soybean; Biodiesel produced in California	Stockton, California	Soybean	Biodiesel	None	None	BDS201	52.45	6/30/2016	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	Midwest Soybean; Biodiesel produced in California	None	Retired
T1N-1341	Tier 1	2.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935) Facility Name: Community Fuels Port of Stockton (82728) North American high energy rendered Tallow; Biodiesel Produced in California	Stockton, California	Tallow	Biodiesel	None	None	BDT205	32.34	6/30/2016	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	North American high energy rendered Tallow; Biodiesel Produced in California	None	Retired
T1N-1343	Tier 1	2.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935) Facility Name: Community Fuels Port of Stockton (82728) California high energy rendered Used Cooking Oil (UCO); Biodiesel Produced in California	Stockton, California	Used Cooking Oil	Biodiesel	None	None	BDU206	16.31	6/30/2016	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	California high energy rendered Used Cooking Oil (UCO)Biodiesel Produced in California	None	Retired
T1N-1756	Tier 1	2.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169) Facility Name: Hankinson Renewable Energy, LLC (70288) Midwest Corn, Ethanol, Dry Mill, DDGS, MDGS, Corn Oil, and Syrup; NG	North Dakota	Corn	Ethanol	None	None	ETHC287	75.23	6/27/2017	None	Ethanol	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	Midwest Corn, Ethanol, Dry Mill, DDGS, MDGS, Corn Oil, and Syrup; NG	None	Retired
T1N-1346	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: Fort Bend Power Producers (shared facility) (7113s). Fort Bend landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	None	None	CNGLF201	36.17	9/30/2016	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers(shared facility)(7113s)	Fort Bend landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1347	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: Fort Bend Power Producers (shared facility) (7113s). Fort Bend landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	None	None	CNGLF202	34.82	9/30/2016	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers(shared facility)(7113s)	Fort Bend landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1348	Tier 1	2.0	Fuel Producer: Pacific Gas and Electric Company (C460) Facility Name: PG&E CNG Fueling Stations (M4675) North American NG delivered via pipeline; compressed in California	California	North American NG	Compressed Natural Gas	None	None	CNGF204	80.59	11/2/2016	None	Fossil CNG	Pacific Gas and Electric Company (C460)	PG&E CNG Fueling Stations (M4675)	North American NG delivered via pipeline; compressed in California	None	Retired
T1N-1354	Tier 1	2.0	Fuel Producer: CEVASA - Central Energetica Vale do Sapucaí (3666) Facility Name: CEVASA - Central Energetica Vale do Sapucaí (70701). Brazilian sugarcane juice-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS201	44.02	3/31/2016	None	Ethanol	CEVASA Central Energetica Vale do Sapucaí (3666)	CEVASA Central Energetica Vale do Sapucaí (70701)	Brazilian sugarcane juicetoethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1368	Tier 1	2.0	Fuel Producer: FutureFuel Chemical Company (4664) Facility Name: FutureFuel Chemical Company (62612) U.S. sourced high energy rendered Tallow; Biodiesel produced in Arkansas and transported by rail to California	Arkansas	Tallow	Biodiesel	None	None	BDT210	40.69	12/20/2016	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (62612)	US sourced high energy rendered Tallow. Biodiesel produced in Arkansas and transported by rail to California	None	Retired
T1N-1279	Tier 1	2.0	Fuel Producer: Louis Dreyfus Commodities Grand Junction LLC (3137) Facility Name: Louis dreyfus Commodities Grand Junction LLC (70139) Midwest, Corn Ethanol, Dry Mill, 100% MDGS, NG	Iowa	Corn	Ethanol	None	None	ETHC224	76.01	3/31/2016	None	Ethanol	Louis Dreyfus Commodities Grand Junction LLC (3137)	Louis dreyfus Commodities Grand Junction LLC (70139)	Midwest, Corn Ethanol, Dry Mill, 100% MDGS, NG	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1372	Tier 1	2.0	Fuel Producer: Guarani SA (3890) Facility Name: Usina Vertente Ltda. (70447); Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS217	44.21	12/20/2016	None	Ethanol	Guarani SA (3890)	Usina Vertente Ltda (70447)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1N-1373	Tier 1	2.0	Fuel Producer: SunLine Transit Agency (S317) Facility Name: Sunline Transit (H2505), River Birch landfill gas to biomethane; delivered by pipeline; compressed in CA	Louisiana	Landfill Gas - CNG	Compressed Natural Gas	None	None	CNGLF203	37.77	9/30/2016	None	Bio-CNG	SunLine Transit Agency (S317)	Sunline Transit (H2505)	River Birch landfill gas to biomethane; delivered by pipeline; compressed in CA	None	Retired
T1N-1375	Tier 1	2.0	Fuel Producer: Odebrecht Agroindustrial SA (5580) Facility Name: Alto Taquari (71019), Brazilian sugarcane juice-based ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS216	41.91	12/20/2016	None	Ethanol	Odebrecht Agroindustrial SA (5580)	Alto Taquari (71019)	Brazilian sugarcane juicebased ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1R-1157	Tier 1	2.0	Fuel Producer: Flint Hill Resources (4071) Facility Name: Fairmont (70103), Midwest, Corn Ethanol, Dry Mill, 91% DDGS, 9% MDGS, NG	Nebraska	Corn	Ethanol	ETHC064	86.62	ETHC243L	76.14	3/31/2016	None	Ethanol	Flint Hill Resources (4071)	Fairmont (70103)	Midwest, Corn Ethanol, Dry Mill, 91% DDGS, 9% MDGS, NG	None	Retired
T1R-1331	Tier 1	2.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) Facility Name: Fort Bend Landfill Recovery (71139), North American Landfill Gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in Arizona and transport to CA; re-gasified and compressed to L-CNG	Arizona	Landfill Gas - L-CNG	Compressed Natural Gas	CNG008_1	41.68	CNGLF235L	80.62	9/30/2016	None	Bio-CNG	Applied Natural Gas Fuels, Inc. (6174)	Fort Bend Landfill Recovery (71139)	North American Landfill Gas to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in Arizona and transport to CA; regasified and compressed to LCNG	None	Retired
T1R-1169	Tier 1	2.0	Fuel Producer: Adkins Energy LLC (4767) Facility Name: Adkins Energy, LLC (70070), Midwest, Corn Ethanol, Dry Mill, 41% Dry DGS, 56% WDGS, NG	Illinois	Corn	Ethanol	ETHC114	86.33	ETHC244L	76.27	3/31/2016	None	Ethanol	Adkins Energy LLC (4767)	Adkins Energy, LLC (70070)	Midwest, Corn Ethanol, Dry Mill, 41% Dry DGS, 56% WDGS, NG	None	Retired
T1N-1235	Tier 1	2.0	Fuel Producer: Red Trail Energy LLC (4803) Facility Name: Red Trail Energy LLC (70077), Midwest Corn, Ethanol, Dry Mill, 100% MDGS, NG	North Dakota	Corn	Ethanol	None	None	ETHC219	76.46	3/31/2016	None	Ethanol	Red Trail Energy LLC (4803)	Red Trail Energy LLC (70077)	Midwest Corn, Ethanol, Dry Mill, 100% MDGS, NG	None	Retired
T1N-1397	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: Fort Bend Power Producers (shared facility) (7113s), Fort Bend landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	None	None	CNGLF204	33.85	9/30/2016	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers(shared facility)(7113s)	Fort Bend landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1398	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: Fort Bend Power Producers (shared facility) (7113s), Fort Bend landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Texas	Landfill Gas - CNG	Compressed Natural Gas	None	None	CNGLF205	34.38	9/30/2016	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers(shared facility)(7113s)	Fort Bend landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1399	Tier 1	2.0	Fuel Producer: GHI Energy, LLC (6156) Facility Name: GHI Energy, LLC (B8000), North American NG delivered via pipeline; compressed in CA	Texas	North American NG - CNG	Compressed Natural Gas	None	None	CNGF201	79.58	9/30/2016	None	Fossil CNG	GHI Energy, LLC (6156)	GHI Energy, LLC (B8000)	North American NG delivered via pipeline; compressed in CA	None	Retired
T1N-1403	Tier 1	2.0	Fuel Producer: New Leaf Biofuel (7768) Facility Name: New Leaf Biofuel (83541), Off-site Rendered Used Cooking Oil Biodiesel Produced in California	San Diego, California	Used Cooking Oil	Biodiesel	None	None	BDU201	15.86	6/30/2016	None	Biodiesel	New Leaf Biofuel (7768)	New Leaf Biofuel (83541)	Offsite Rendered Used Cooking Oil Biodiesel Produced in California	None	Retired
T1N-1406	Tier 1	2.0	Fuel Producer: Archer Daniels Midland Co (4888) Facility Name: ADM Agri Industries (81926), Canola oil (produced in western Canada) biodiesel transported by rail from Lloydminster Alberta, Canada to Los Angeles, CA (the plant is co-located with crushing operation)	Canada	Canola	Biodiesel	None	None	BDCA202	51.33	6/30/2016	None	Biodiesel	Archer Daniels Midland Co (4888)	ADM Agri Industries (81926)	Canola oil (produced in western Canada)biodiesel transported by rail from Lloydminster Alberta, Canada to Los Angeles, CA (the plant is colocated with crushing operation)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1457	Tier 1	2.0	Fuel Producer: Archer Daniels Midland Co (4888) Facility Name: ADM Velva (82790); Canola oil biodiesel transported by rail from Velva, ND to Minot, ND to Los Angeles, CA (the plant is co-located with crushing operation)	North Dakota	Canola	Biodiesel	None	None	BDOCA203	52.25	6/30/2016	None	Biodiesel	Archer Daniels Midland Co (4888)	ADM Velva (82790)	Canola oil biodiesel transported by rail from Velva, ND to Minot, ND to Los Angeles, CA (the plant is colocated with crushing operation)	None	Retired
T1R-1272 T1R-1273	Tier 1	2.0	Fuel Producer: Valero Renewable Fuels (3201) Facility Name: Valero Renewable Fuels Aurora (70041). Midwest, Corn Ethanol, Dry Mill, NG	South Dakota	Corn	Ethanol	ETHC108 ETHC109	88.85 85.39	ETHC262L	76.74	3/31/2016	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1N-1323	Tier 1	2.0	Fuel Producer: Prairie Horizon Agri-Energy, LLC (4760) Facility Name: Prairie Horizon Agri Energy, LLC (70659). Midwest, Corn Ethanol, Dry Mill, NG	Kansas	Corn	Ethanol	None	None	ETHC226	76.84	3/31/2016	None	Ethanol	Prairie Horizon AgriEnergy, LLC (4760)	Prairie Horizon Agri Energy, LLC (70659)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1N-1464	Tier 1	2.0	Fuel Producer: Archer Daniels Midland Co (4888) Facility Name: ADM Mexico (82791). Soybean oil biodiesel transported by rail from Mexico, Missouri to Richmond, CA	Mexico, Missouri	Soybean	Biodiesel	None	None	BDS202	50.85	6/30/2016	None	Biodiesel	Archer Daniels Midland Co (4888)	ADM Mexico (82791)	Soybean oil biodiesel transported by rail from Mexico, Missouri to Richmond, CA	None	Retired
T1N-1465	Tier 1	2.0	Fuel Producer: Archer Daniels Midland Co (4888) Facility Name: ADM Mexico (82791). Soybean oil biodiesel transported by rail from Deerfield, MO to Richmond, CA (Soybean oil from adjacent crushing facility (81.9%) and 18.1% rail 311mi)	Deerfield, Missouri	Soybean	Biodiesel	None	None	BDS203	49.16	6/30/2016	None	Biodiesel	Archer Daniels Midland Co (4888)	ADM Mexico (82791)	Soybean oil biodiesel transported by rail from Deerfield, MO to Richmond, CA (Soybean oil from adjacent crushing facility (819% and 181% rail 311mi))	None	Retired
T1N-1466	Tier 1	2.0	Fuel Producer: Copersucar (3702) Facility Name: Pedra Agroindustrial S.A. (70415). Brazilian sugarcane juice-to-ethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS233	45.40	3/17/2017	None	Ethanol	Copersucar (3702)	Pedra Agroindustrial SA (70415)	Brazilian sugarcane juicetoethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1467	Tier 1	2.0	Fuel Producer: Copersucar (3702) Facility Name: Pedra Agroindustrial S.A. (70415). Brazilian sugarcane molasses-to-ethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM229	46.06	3/17/2017	None	Ethanol	Copersucar (3702)	Pedra Agroindustrial SA (70415)	Brazilian sugarcane molassestoethanol pathway, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1468	Tier 1	2.0	Fuel Producer: Copersucar (3702) Facility Name: Usina Iacanga Açúcar e Alcool Ltda. (70398). Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS229	43.56	12/20/2016	None	Ethanol	Copersucar (3702)	Usina Iacanga Açúcar e Alcool Ltda (70398)	Brazilian sugarcane juicetoethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1469	Tier 1	2.0	Fuel Producer: Copersucar (3702) Facility Name: Usina Iacanga Açúcar e Alcool Ltda. (70398). Brazilian sugarcane molasses-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM225	44.77	12/20/2016	None	Ethanol	Copersucar (3702)	Usina Iacanga Açúcar e Alcool Ltda (70398)	Brazilian sugarcane molassestoethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1489	Tier 1	2.0	Fuel Producer: Delek Renewables, LLC (5998) Facility Name: Delek Renewables Crossett Biodiesel Plant (82217). High energy rendered Tallow; Biodiesel produced in Arkansas and transported by rail to California	Arkansas	Tallow	Biodiesel	None	None	BDT213	32.96	3/17/2017	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Crossett Biodiesel Plant (82217)	High energy rendered Tallow; Biodiesel produced in Arkansas and transported by rail to California	None	Retired
T1N-1490	Tier 1	2.0	Fuel Producer: Delek Renewables, LLC (5998) Facility Name: Delek Renewables Crossett Biodiesel Plant (82217). Biodiesel produced from Soybean Oil in Arkansas; Fuel transported via rail to California	Arkansas	Soybean	Biodiesel	None	None	BDS208	51.11	3/17/2017	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Crossett Biodiesel Plant (82217)	Biodiesel produced from Soybean Oil in Arkansas; Fuel transported via rail to California	None	Retired
T1N-1502	Tier 1	2.0	Fuel Producer: FutureFuel Chemical Company (4664) Facility Name: FutureFuel Chemical Company (82612). U.S. sourced corn oil to Biodiesel produced in Arkansas; Fuel transported by rail to California	Arkansas	Corn Oil	Biodiesel	None	None	BDC210	38.75	5/19/2017	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	US sourced corn oil to Biodiesel produced in Arkansas; Fuel transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1503	Tier 1	2.0	Fuel Producer: Rothsay, A Division of Darling International Canada Inc. (6190) Facility Name: Rothsay Biodiesel (83210). High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Canada, shipped by rail and truck to California	Canada	Used Cooking Oil	Biodiesel	None	None	BDU216	27.45	11/7/2016	None	Biodiesel	Rothsay, A Division of Darling International Canada Inc (6190)	Rothsay Biodiesel (83210)	High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Canada, shipped by rail and truck to California	None	Retired
T1R-1174	Tier 1	2.0	Fuel Producer: Heron Lake BioEnergy (4015) Facility Name: Heron Lake BioEnergy (70097). Midwest, Corn Ethanol, Dry Mill, 100% DDGS, NG	Minnesota	Corn	Ethanol	ETHC091	88.69	ETHC245L	77.33	3/31/2016	None	Ethanol	Heron Lake BioEnergy (4015)	Heron Lake BioEnergy (70097)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, NG	None	Retired
T1N-1512	Tier 1	2.0	Fuel Producer: Rothsay, A Division of Darling International Canada Inc. (6190) Facility Name: Rothsay Biodiesel (83210). High energy rendered Tallow, Biodiesel produced in Canada, shipped by rail and truck to California	Canada	Tallow	Biodiesel	None	None	BDT209	36.15	11/7/2016	None	Biodiesel	Rothsay, A Division of Darling International Canada Inc (6190)	Rothsay Biodiesel (83210)	High energy rendered Tallow, Biodiesel produced in Canada, shipped by rail and truck to California	None	Retired
T1N-1534	Tier 1	2.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935) Facility Name: Community Fuels Port of Stockton (82728). Biodiesel produced from tallow (poultry fat) feedstock sourced in California only.	Stockton, California	Tallow	Biodiesel	None	None	BDT206	28.90	6/30/2016	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	Biodiesel produced from tallow (poultry fat) feedstock sourced in California only	None	Retired
T1R-1123	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: EIF KC Landfill Gas LLC (71155). Kansas City landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Kansas	Landfill Gas	Compressed Natural Gas	CNG029	26.38	CNGLF213L	41.49	9/30/2016	None	Bio-CNG	Clean Energy (5481)	EIF KC Landfill Gas LLC (71155)	Kansas City landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1102	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Pinnacle Gas Producers, LLC (71153). Ohio landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Ohio	Landfill Gas	Compressed Natural Gas	CNG022	21.01	CNGLF206L	41.61	9/30/2016	None	Bio-CNG	Clean Energy (5481)	Pinnacle Gas Producers, LLC (71153)	Ohio landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1661	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154) Facility Name: Cambrian Energy/Southtex Fort Smith Treaters (C5950). Fort Smith landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	Arkansas	Landfill Gas	Compressed Natural Gas	None	None	CNGLF254	42.15	7/10/2017	None	Bio-CNG	Shell Energy North America (6154)	Cambrian Energy/Southtex Fort Smith Treaters (C5950)	Fort Smith landfill gas to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T1N-1667	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154) Facility Name: Edinburg Renewables LLC (J8601). Edinburg landfill gas (TX) to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California(Provisional)	Texas	Landfill Gas	Compressed Natural Gas	None	None	CNGLF249	43.26	6/27/2017	None	Bio-CNG	Shell Energy North America (6154)	Edinburg Renewables LLC (J8601)	Edinburg landfill gas (TX)to pipelinequality biomethane; delivered via pipeline to CNG Stations in California(Provisional)	None	Retired
T1R-1223	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Montana-Dakota Utilities Billings Regional Landfill (71193). Montana landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Montana	Landfill Gas	Compressed Natural Gas	CNG057	45.24	CNGLF214L	46.65	9/30/2016	None	Bio-CNG	Clean Energy (5481)	MontanaDakota Utilities Billings Regional Landfill (71193)	Montana landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1R-1099	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Westside Gas Producers LLC (71151). Michigan landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	Michigan	Landfill Gas	Compressed Natural Gas	CNG031	25.62	CNGLF237L	47.40	9/30/2016	None	Bio-CNG	Clean Energy (5481)	Westside Gas Producers LLC (71151)	Michigan landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T1N-1551	Tier 1	2.0	Fuel Producer: REG Grays Harbor, LLC (6326) Facility Name: REG Grays Harbor, LLC (82954). Canola Oil Biodiesel produced in Washington, BD transported by rail to California	Hoquiam, Washinton	Canola	Biodiesel	None	None	BDCA204	52.87	8/11/2016	None	Biodiesel	REG Grays Harbor, LLC (6326)	REG Grays Harbor, LLC (82954)	Canola Oil Biodiesel produced in Washington; BD transported by rail to California	None	Retired
T1N-1562	Tier 1	2.0	Fuel Producer: REG Grays Harbor, LLC (6326) Facility Name: REG Grays Harbor, LLC (82954). Used Cooking Oil (UCO) to Biodiesel produced in Washington, where cooking is not required; BD transported by rail to California	Hoquiam, Washinton	Used Cooking Oil	Biodiesel	None	None	BDU214	18.62	8/25/2016	None	Biodiesel	REG Grays Harbor, LLC (6326)	REG Grays Harbor, LLC (82954)	Used Cooking Oil (UCO)to Biodiesel produced in Washington, where cooking is not required; BD transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway	
T1N-1505	Tier 1	2.0	Fuel Producer: NuGen Energy, LLC (3332) Facility Name: NuGen Energy, LLC (70195). Midwest Corn, Ethanol, Dry Mill, DDGS, MDGS, and Corn Oil; NG	South Dakota	Corn	Ethanol	None	None	ETHC277	77.93	11/2/2016	None	Ethanol	NuGen Energy, LLC (3332)	NuGen Energy, LLC (70195)	Midwest Corn, Ethanol, Dry Mill, DDGS, MDGS, and Corn Oil; NG	None	Retired	
T1N-1274	Tier 1	2.0	Fuel Producer: Valero Renewable Fuels (3201) Facility Name: Valero Renewable Fuels LLC - Fort Dodge (70043). Midwest Corn, Ethanol, Dry Mill, DDGS, MDGS, Corn Oil, NG	Iowa	Corn	Ethanol	None	None	ETHC220	78.14	3/31/2016	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC Fort Dodge (70043)	Midwest Corn, Ethanol, Dry Mill, DDGS, MDGS, Corn Oil, NG	None	Retired	
T1R-1177	Tier 1	2.0	Fuel Producer: Advanced BioEnergy, LLC (4094) Facility Name: ABE South Dakota, LLC (70104). Midwest, Corn Ethanol, Dry Mill, 84% DDGS, 16% WDGS, NG	South Dakota	Corn	Ethanol	ETHC065	88.59	ETHC246L	78.32	3/31/2016	None	Ethanol	Advanced BioEnergy, LLC (4094)	ABE South Dakota, LLC (70104)	Midwest, Corn Ethanol, Dry Mill, 84% DDGS, 16% WDGS, NG	None	Retired	
T1N-1574	Tier 1	2.0	Western Iowa Energy (4670) Facility Name: Western Iowa Energy (82630). Canola oil Biodiesel produced in Wall Lake, Iowa and transported by rail to California	Iowa	Canola Oil	Biodiesel	None	None	BDCA205	61.94	2/2/2017	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Canola oil Biodiesel produced in Wall Lake, Iowa and transported by rail to California	None	Retired	
T1N-1575	Tier 1	2.0	Western Iowa Energy (4670) Facility Name: Western Iowa Energy (82630). Corn Oil Biodiesel produced in Wall Lake, Iowa and transported by rail to California	Iowa	Corn Oil	Biodiesel	None	None	BDC206	29.46	2/2/2017	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Corn Oil Biodiesel produced in Wall Lake, Iowa and transported by rail to California	None	Retired	
T1N-1576	Tier 1	2.0	Western Iowa Energy (4670) Facility Name: Western Iowa Energy (82630). Soy Oil Biodiesel produced in Wall Lake, Iowa and transported by rail to California	Iowa	Soybean Oil	Biodiesel	None	None	BDS206	54.50	2/2/2017	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Soy Oil Biodiesel produced in Wall Lake, Iowa and transported by rail to California	None	Retired	
T1N-1577	Tier 1	2.0	Western Iowa Energy (4670) Facility Name: Western Iowa Energy (82630). U.S. sourced rendered Tallow; Biodiesel Produced in Wall Lake, Iowa and transported by rail to California	Iowa	Tallow	Biodiesel	None	None	BDT211	31.19	2/2/2017	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	US sourced rendered Tallow; Biodiesel Produced in Wall Lake, Iowa and transported by rail to California	None	Retired	
T1N-1583	Tier 1	2.0	Fuel Producer: Ag Processing Inc (4552) Facility Name: Ag Processing Inc - Sgt. Bluff (81733). Soybean Oil Biodiesel produced in Sergeant Bluff, Iowa; steam from coal-boiler used; Fuel transported by rail to California	Iowa	Soybean	Biodiesel	None	None	BDS207	52.22	2/2/2017	None	Biodiesel	Ag Processing Inc (4552)	Ag Processing Inc Sgt Bluff (81733)	Soybean Oil Biodiesel produced in Sergeant Bluff, Iowa; steam from coal-boiler used; Fuel transported by rail to California	None	Retired	
T1R-1268	T1R-1269	Tier 1	2.0	Fuel Producer: Valero Renewable Fuels (3201) Facility Name: Valero Renewable Fuels LLC - Albert City (70142). Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% MDGS, NG	Iowa	Corn	Ethanol	ETHC104_1 ETHC105_1	88.15 84.06	ETHC260L	78.62	3/31/2016	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC Albert City (70142)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% MDGS, NG	None	Retired
T1N-1072	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: WE Hereford, LLC (70037). Texas Sorghum, Ethanol, Dry Mill, 100% WDGS, NG	Texas	Sorghum	Ethanol	None	None	ETHG200	79.03	3/31/2016	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Texas Sorghum, Ethanol, Dry Mill, 100% WDGS, NG	None	Retired	
T1N-1596	Tier 1	2.0	Fuel Producer: SunLine Transit Agency (S317) Facility Name: Sunline Transit (H2505). North American NG delivered via pipeline and compressed at Indio and Thousand Oaks California	California	North American NG	Compressed Natural Gas	None	None	CNGF203	78.21	11/2/2016	None	Fossil CNG	SunLine Transit Agency (S317)	Sunline Transit (H2505)	North American NG delivered via pipeline and compressed at Indio and Thousand Oaks California	None	Retired	
T1N-1598	Tier 1	2.0	Fuel Producer: FutureFuel Chemical Company (4664) Facility Name: FutureFuel Chemical Company (82612). Biodiesel produced from Midwest Soybean oil in Arkansas; Fuel transported via rail to California	Arkansas	Soybean	Biodiesel	None	None	BDS211	59.53	5/19/2017	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	Biodiesel produced from Midwest Soybean oil in Arkansas; Fuel transported via rail to California	None	Retired	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway		
T1N-1602	Tier 1	2.0	Fuel Producer: Imperial Western Products (9871) Facility Name: Imperial Western Products (81066); Average U.S. sourced rendered UCO to Biodiesel produced from Southern California, distributed to Southern California (Provisional)	California	Used Cooking Oil	Biodiesel	None	None	BDU219	21.73	1/27/2017	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Average US sourced rendered UCO to Biodiesel produced from Southern California, distributed to Southern California (Provisional)	None	Retired		
T1N-1604	Tier 1	2.0	Fuel Producer: Imperial Western Products (9871) Facility Name: Imperial Western Products (81066); U.S. sourced corn oil to Biodiesel produced from Southern California, distributed to Southern California (Provisional)	California	Corn Oil	Biodiesel	None	None	BDC205	34.66	1/27/2017	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	US sourced corn oil to Biodiesel produced from Southern California, distributed to Southern California (Provisional)	None	Retired		
T1R-1086	T1R-1087	Tier 1	2.0	Fuel Producer: Glacial Lakes Corn Processors (4764) Facility Name: Glacial Lakes Energy (70064); Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% MDGS, NG	South Dakota	Corn	Ethanol	ETHC058 ETHC059	91.18	86.69	ETHC241L	79.21	3/31/2016	None	Ethanol	Glacial Lakes Corn Processors (4764)	Glacial Lakes Energy (70064)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% MDGS, NG	None	Retired
T1N-1610	Tier 1	2.0	Fuel Producer: BIOX Canada Limited (3758) Facility Name: BIOX Canada Limited (80236); High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Hamilton, Ontario and transported by rail to California	Ontario, Canada	Used Cooking Oil	Biodiesel	None	None	BDU218	22.38	12/20/2016	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Hamilton, Ontario and transported by rail to California	None	Retired		
T1N-1276	Tier 1	2.0	Fuel Producer: Elkhorn Valley Ethanol LLC (4833) Facility Name: Elkhorn Valley Ethanol LLC (70095); Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	Nebraska	Corn	Ethanol	None	None	ETHC221	79.83	3/31/2016	None	Ethanol	Elkhorn Valley Ethanol LLC (4833)	Elkhorn Valley Ethanol LLC (70095)	Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	None	Retired		
T1N-1278	Tier 1	2.0	Fuel Producer: Louis Dreyfus Commodities Grand Junction LLC (3137) Facility Name: Louis dreyfus Commodities Grand Junction LLC (70139); Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	Iowa	Corn	Ethanol	None	None	ETHC223	80.18	3/31/2016	None	Ethanol	Louis Dreyfus Commodities Grand Junction LLC (3137)	Louis dreyfus Commodities Grand Junction LLC (70139)	Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	None	Retired		
T1N-1620	Tier 1	2.0	Fuel Producer: Clinton Biodiesel, LLC (6485) Facility Name: Clinton Biodiesel LLC (82595); Soy oil Biodiesel produced from Midwest, transported by rail to California (Provisional)	Iowa	Soybean	Biodiesel	None	None	BDS205	54.81	12/20/2016	None	Biodiesel	Clinton Biodiesel, LLC (6485)	Clinton Biodiesel LLC (82595)	Soy oil Biodiesel produced from Midwest, transported by rail to California (Provisional)	None	Retired		
T1R-1321	Tier 1	2.0	Fuel Producer: San Diego Metropolitan Transit Center (S304) Facility Name: Monroeville LFG, LLC (71136); Pennsylvania landfill gas to pipeline-quality biomethane; delivered via pipeline, compressed to CNG in CA	Pennsylvania	Landfill Gas	Compressed Natural Gas	CNG047	33.30	CNGLF217L	49.55	9/30/2016	None	Bio-CNG	San Diego Metropolitan Transit Center (S304)	Monroeville LFG, LLC (71136)	Pennsylvania landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired		
T1N-1546	Tier 1	2.0	Fuel Producer: Athens Services (A431) Facility Name: Irwindale (V5355); Seneca Meadows solid waste landfill (Waterloo NY) gas to pipeline-quality biomethane; delivered via pipeline to Irwindale California and compressed to CNG	New York	Landfill Gas	Compressed Natural Gas	None	None	CNGLF241	50.37	11/2/2016	None	Bio-CNG	Athens Services (A431)	Irwindale (V5355)	Seneca Meadows solid waste landfill (Waterloo NY) gas to pipelinequality biomethane; delivered via pipeline to Irwindale California and compressed to CNG	None	Retired		
T1N-1484	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Pioneiros Bioenergia S.A. (70430); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS237	46.51	8/17/2017	None	Ethanol	Copersucar (3702)	Pioneiros Bioenergia SA (70430)	Brazilian sugarcane juiceethanol, with credit for mechanized harvesting	None	Retired		
T1R-1107	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Seneca Energy II, LLC (71156); New York landfill gas to pipeline-quality biomethane; delivered via pipeline; compressed to CNG in CA	New York	Landfill Gas	Compressed Natural Gas	CNG027	27.53	CNGLF207L	52.77	9/30/2016	None	Bio-CNG	Clean Energy (5481)	Seneca Energy II, LLC (71156)	New York landfill gas to pipelinequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired		
T1N-1629	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Canton Renewables (71041); Sauk Trails Hills landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona	Michigan	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF216	64.74	7/10/2017	None	Bio-LNG	Clean Energy (5481)	Canton Renewables (71041)	Sauk Trails Hills landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona	None	Retired		

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1022 T1R-1023	Tier 1	2.0	Fuel Producer: Glacial Lakes Corn Processors (4764) Facility Name: Aberdeen Energy (70299); Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% WDGS, NG	South Dakota	Corn	Ethanol	ETHC060 ETHC061	92.15 87.66	ETHC237L	80.19	3/31/2016	None	Ethanol	Glacial Lakes Corn Processors (4764)	Aberdeen Energy (70299)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, 100% WDGS, NG	None	Retired
T1N-1636	Tier 1	2.0	Fuel Producer: Usina Alta Mogiana S/A (4225) Facility Name: Usina Alta Mogiana S.A. - Acucar e Alcool (70498); Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM227	46.29	2/2/2017	None	Ethanol	Usina Alta Mogiana S/A (4225)	Usina Alta Mogiana SA Acucar e Alcool (70498)	Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity export, and mechanized harvesting	None	Retired
T1N-1647	Tier 1	2.0	Fuel Producer: Titan El Toro LLC (T153) Facility Name: Titan El Toro (T4201); North American NG delivered via pipeline; compressed in California	California	North American NG	Compressed Natural Gas	None	None	CNGF206	80.59	3/17/2017	None	Fossil CNG	Titan El Toro LLC (T153)	Titan El Toro (T4201)	North American NG delivered via pipeline; compressed in California	None	Retired
T1N-1626	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Canton Renewables (71041); Sauk Trails Hills landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	Michigan	Landfill Gas	Compressed Natural Gas	None	None	CNGLF251	57.35	6/27/2017	None	Bio-CNG	Clean Energy (5481)	Canton Renewables (71041)	Sauk Trails Hills landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	None	Retired
T1N-1666	Tier 1	2.0	Fuel Producer: GeoGreen Biofuels (3885) Facility Name: GeoGreen Biofuels (81199); California sourced Waste Oil (Used Cooking Oil) Biodiesel produced in California (Provisional)	California	Used Cooking Oil	Biodiesel	None	None	BDU222	18.26	3/17/2017	None	Biodiesel	GeoGreen Biofuels (3885)	GeoGreen Biofuels (81199)	California sourced Waste Oil (Used Cooking Oil)Biodiesel produced in California (Provisional)	None	Retired
T1N-1545	Tier 1	2.0	Fuel Producer: Athens Services (A431) Facility Name: Irwindale (V5355); Landfill gas from SWACO landfill in Grove City, OH is transported via pipeline to Irwindale California and compressed to CNG	Ohio	Landfill Gas	Compressed Natural Gas	None	None	CNGLF240	58.21	11/2/2016	None	Bio-CNG	Athens Services (A431)	Irwindale (V5355)	Landfill gas from SWACO landfill in Grove City, OH is transported via pipeline to Irwindale California and compressed to CNG	None	Retired
T1N-1704	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Ehrenberg LNG (C0660); North American Natural Gas; delivered via pipeline; liquefied to LNG in Arizona	Arizona	North American NG	Liquefied Natural Gas	None	None	LNGF202	91.03	7/10/2017	None	Fossil LNG	Clean Energy (5481)	Ehrenberg LNG (C0660)	North American Natural Gas; delivered via pipeline; liquefied to LNG in Arizona	None	Retired
T1N-1705	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Ehrenberg LNG (C0660); North American Natural Gas; delivered via pipeline; liquefied to LNG in Arizona, re-gasified to L-CNG in California	Arizona	North American NG	Liquefied Compressed Natural Gas	None	None	CNGF207	93.59	7/10/2017	None	Fossil CNG	Clean Energy (5481)	Ehrenberg LNG (C0660)	North American Natural Gas; delivered via pipeline; liquefied to LNG in Arizona; regasified to LCNG in California	None	Retired
T1N-1707	Tier 1	2.0	Fuel Producer: REG Newton, LLC (3514) Facility Name: REG Newton, LLC (80162); High energy rendered Used Cooking Oil (UCO); Biodiesel produced in Iowa and transported by rail to California	Iowa	Used Cooking Oil	Biodiesel	None	None	BDU223	22.50	3/17/2017	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	High energy rendered Used Cooking Oil (UCO); Biodiesel produced in Iowa and transported by rail to California	None	Retired
T1N-1708	Tier 1	2.0	Fuel Producer: REG Newton, LLC (3514) Facility Name: REG Newton, LLC (80162); U.S. sourced Corn Oil Biodiesel produced in Iowa and transported by rail to California	Iowa	Corn Oil	Biodiesel	None	None	BDC208	34.10	3/17/2017	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	US sourced Corn Oil Biodiesel produced in Iowa and transported by rail to California	None	Retired
T1N-1711	Tier 1	2.0	Fuel Producer: Imperial Western Products (9871) Facility Name: Imperial Western Products (81066); CA-sourced rendered UCO to Biodiesel produced from Southern California, distributed to Southern California (Provisional)	California	Used Cooking Oil	Biodiesel	None	None	BDU220	20.96	1/27/2017	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	CA-sourced rendered UCO to Biodiesel produced from Southern California, distributed to Southern California (Provisional)	None	Retired
T1N-1089	Tier 1	2.0	Fuel Producer: Heartland Corn Products (4827) Facility Name: Heartland Corn Products (70089); Midwest Corn, Ethanol, Dry Mill, DDGS, NG	Minnesota	Corn	Ethanol	None	None	ETHC204	80.24	3/31/2016	None	Ethanol	Heartland Corn Products (4827)	Heartland Corn Products (70089)	Midwest Corn, Ethanol, Dry Mill, DDGS, NG	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1721	Tier 1	2.0	Fuel Producer: Bio Etanol, S.A. (5834) Facility Name: Bio Etanol (Pantaleon), S.A. (71037); Guatemalan sugarcane by-product molasses-based ethanol with average production processes and electricity co-product credit	Guatemala	Molasses	Ethanol	None	None	ETHM231	40.20	5/19/2017	None	Ethanol	Bio Etanol, SA (5834)	Bio Etanol (Pantaleon), SA (71037)	Guatemalan sugarcane byproduct molassesbased ethanol with average production processes and electricity coproduct credit	None	Retired
T1N-1722	Tier 1	2.0	Fuel Producer: Bio Etanol, S.A. (5834) Facility Name: Bio Etanol (Concepcion), S.A. (71037); Guatemalan sugarcane by-product molasses-based ethanol with average production processes and co-product credit for surplus electricity export, and mechanized harvesting	Guatemala	Molasses	Ethanol	None	None	ETHM232	41.93	5/19/2017	None	Ethanol	Bio Etanol, SA (5834)	Bio Etanol (Concepcion), SA (71037)	Guatemalan sugarcane byproduct molassesbased ethanol with average production processes and coproduct credit for surplus electricity export, and mechanized harvesting	None	Retired
T1N-1733	Tier 1	2.0	Fuel Producer: Global Alternative Fuels, LLC (7765); Facility Name: Global Alternative Fuels, LLC (83533); High energy rendered Used Cooking Oil (UCO), UCO shipped by truck less than 650 miles, Biodiesel produced in Texas, shipped by rail to California	Texas	Used Cooking Oil (UCO)	Biodiesel	BDU227	20.83	BDU227R	22.45	11/28/2018	None	Biodiesel	Global Alternative Fuels, LLC (7765)	Global Alternative Fuels, LLC (83533)	High energy rendered Used Cooking Oil (UCO), UCO shipped by truck less than 650 miles, Biodiesel produced in Texas, shipped by rail to California	None	Retired
T1N-1735	Tier 1	2.0	Fuel Producer: Global Alternative Fuels, LLC (7765); Facility Name: Global Alternative Fuels, LLC (83533); High energy rendered Used Cooking Oil (UCO), UCO shipped by truck less than 1,000 miles, Biodiesel produced in Texas, shipped by truck to California	Texas	Used Cooking Oil (UCO)	Biodiesel	BDU225	28.54	BDU225R	30.15	11/28/2018	None	Biodiesel	Global Alternative Fuels, LLC (7765)	Global Alternative Fuels, LLC (83533)	High energy rendered Used Cooking Oil (UCO), UCO shipped by truck less than 1,000 miles, Biodiesel produced in Texas, shipped by truck to California	None	Retired
T1N-1736	Tier 1	2.0	Fuel Producer: Global Alternative Fuels, LLC (7765); Facility Name: Global Alternative Fuels, LLC (83533); Soybean Oil shipped by rail, biodiesel produced from soybean oil in Texas, shipped by rail to California	Texas	Soybean Oil	Biodiesel	BDS210	51.94	BDS210R	53.43	11/28/2018	None	Biodiesel	Global Alternative Fuels, LLC (7765)	Global Alternative Fuels, LLC (83533)	Soybean Oil shipped by rail, biodiesel produced from soybean oil in Texas, shipped by rail to California	None	Retired
T1N-1571	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: US Energy Partners, LLC (White Energy, Russell) (70038); Sorghum to Ethanol, Dry Mill, Midwest, NG, 100% WDGS	Kansas	Sorghum	Ethanol	None	None	ETHG216	80.38	2/2/2017	None	Ethanol	White Energy, Inc. (4745)	US Energy Partners, LLC (White Energy, Russell)(70038)	Sorghum to Ethanol, Dry Mill, Midwest, NG, 100% WDGS	None	Retired
T1N-1742	Tier 1	2.0	Fuel Producer: Lakeview Biodiesel, LLC (L430) Facility Name: Lakeview Biodiesel, LLC (W0607); Biodiesel produced from Soybean oil in Missouri; Fuel transported via rail to California (Provisional)	Missouri	Soybean	Biodiesel	None	None	BDS212	56.20	6/30/2017	None	Biodiesel	Lakeview Biodiesel, LLC (L430)	Lakeview Biodiesel, LLC (W0607)	Biodiesel produced from Soybean oil in Missouri; Fuel transported via rail to California (Provisional)	None	Retired
T1N-1568	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: US Energy Partners, LLC (White Energy, Russell) (70038); Corn to Ethanol, Dry Mill, Midwest, NG, 100% DDGS	Kansas	Corn	Ethanol	None	None	ETHC282	80.85	2/2/2017	None	Ethanol	White Energy, Inc. (4745)	US Energy Partners, LLC (White Energy, Russell)(70038)	Corn to Ethanol, Dry Mill, Midwest, NG, 100% DDGS	None	Retired
T1N-1751	Tier 1	2.0	Fuel Producer: BUSTER BIOFUELS LLC (4166) Facility Name: BUSTER BIOFUELS LLC (83449); High energy rendered Used Cooking Oil (UCO) sourced locally and transported by truck, Biodiesel produced in California (Provisional)	California	Used Cooking Oil	Biodiesel	None	None	BDU230	21.53	6/28/2017	None	Biodiesel	BUSTER BIOFUELS LLC (4166)	BUSTER BIOFUELS LLC (83449)	High energy rendered Used Cooking Oil (UCO)sourced locally and transported by truck, Biodiesel produced in California(Provisional)	None	Retired
T1R-1241	Tier 1	2.0	Fuel Producer: Green Plains Holdings II LLC - Lakota (4755) Facility Name: Green Plains Holdings II LLC - Lakota (70051); Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC024	91.60	ETHC256L	81.42	3/31/2016	None	Ethanol	Green Plains Holdings II LLC Lakota (4755)	Green Plains Holdings II LLC Lakota (70051)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1R-1113	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: LES Renewable NG, LLC - SWACO Facility (71157); Ohio landfill gas to pipelineequality biomethane; delivered via pipeline; compressed to CNG in CA	Ohio	Landfill Gas	Compressed Natural Gas	CNG025	28.68	CNGLF209L	60.92	9/30/2016	None	Bio-CNG	Clean Energy (5481)	LES Renewable NG, LLC SWACO Facility (71157)	Ohio landfill gas to pipelineequality biomethane; delivered via pipeline; compressed to CNG in CA	None	Retired
T2R-1067	Tier 2	2.0	Fuel Producer: Archer Daniels Midland Co (4888) Facility Name: Archer Daniels Midland Compnay - Columbus Dry Mill (70355); Midwest, Corn Ethanol, Dry Mill, NG, Closed-loop heat recovery, Cogeneration	Nebraska	Corn	Ethanol	ETHC018_2	87.11	ETHC274L	81.47	3/31/2016	None	Ethanol	Archer Daniels Midland Co (4888)	Archer Daniels Midland Compnay Columbus Dry Mill (70355)	Midwest, Corn Ethanol, Dry Mill, NG, Closedloop heat recovery, Cogeneration	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1234	Tier 1	2.0	Fuel Producer: Red Trail Energy LLC (4803) Facility Name: Red Trail Energy LLC (70077). Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	North Dakota	Corn	Ethanol	None	None	ETHC218	82.30	3/31/2016	None	Ethanol	Red Trail Energy LLC (4803)	Red Trail Energy LLC (70077)	Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	None	Retired
T1N-1506	Tier 1	2.0	Fuel Producer: NuGen Energy, LLC (3332) Facility Name: NuGen Energy, LLC (70195). Midwest Sorghum, Ethanol, Dry Mill, DDGS, MDGS, and Corn Oil, NG	South Dakota	Sorghum	Ethanol	None	None	ETHG214	85.72	11/2/2016	None	Ethanol	NuGen Energy, LLC (3332)	NuGen Energy, LLC (70195)	Midwest Sorghum, Ethanol, Dry Mill, DDGS, MDGS, and Corn Oil, NG	None	Retired
T1N-1143	Tier 1	2.0	Fuel Producer: Raizen Energia S/A (3805) Facility Name: Bonfim (70548) - Ethanol production from Brazilian sugarcane by-product molasses feedstock, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM216	44.24	6/6/2016	None	Ethanol	Raizen Energia S/A (3805)	Bonfim (70548)	Ethanol production from Brazilian sugarcane byproduct molasses feedstock, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1570	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: US Energy Partners, LLC (White Energy, Russell) (70038). Sorghum to Ethanol, Dry Mill, Midwest, NG, 100% DDGS	Kansas	Sorghum	Ethanol	None	None	ETHG217	88.90	2/2/2017	None	Ethanol	White Energy, Inc. (4745)	US Energy Partners, LLC (White Energy, Russell)(70038)	Sorghum to Ethanol, Dry Mill, Midwest, NG, 100% DDGS	None	Retired
T1N-1191	Tier 1	2.0	Fuel Producer: BUNGE ACUCAR E BIOENERGIA LTDA (3858) Facility Name: USINA OUROESTE AÇUCAR E ALCOOL LTDA (70483). Brazilian sugarcane juice-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS207	46.24	6/6/2016	None	Ethanol	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	USINA OUROESTE AÇUCAR E ALCOOL LTDA (70483)	Brazilian sugarcane juice-toethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1491	Tier 1	2.0	Fuel Producer: Delek Renewables, LLC (5998) Facility Name: Delek Renewables Cleburne Biodiesel Plant (81398). High energy rendered Tallow; Biodiesel produced in Texas and transported by rail to California	Texas	Tallow	Biodiesel	None	None	BDT217	38.27	3/22/2017	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Cleburne Biodiesel Plant (81398)	High energy rendered Tallow; Biodiesel produced in Texas and transported by rail to California	None	Retired
T1N-1492	Tier 1	2.0	Fuel Producer: Delek Renewables, LLC (5998) Facility Name: Delek Renewables Cleburne Biodiesel Plant (81398). Biodiesel produced from Soybean Oil in Texas; Fuel transported via rail to California	Texas	Soybean	Biodiesel	None	None	BDS209	58.55	3/22/2017	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Cleburne Biodiesel Plant (81398)	Biodiesel produced from Soybean Oil in Texas; Fuel transported via rail to California	None	Retired
T1N-1493	Tier 1	2.0	Fuel Producer: Delek Renewables, LLC (5998) Facility Name: Delek Renewables Cleburne Biodiesel Plant (81398). High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Texas, shipped by rail to California	Texas	Used Cooking Oil	Biodiesel	None	None	BDU224	28.40	3/22/2017	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Cleburne Biodiesel Plant (81398)	High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Texas, shipped by rail to California	None	Retired
T1N-1617	Tier 1	2.0	Fuel Producer: REG Newton, LLC (3514) Facility Name: REG Newton, LLC (80162). U.S. sourced rendered Tallow; Biodiesel Produced in Iowa and transported by rail to California	Iowa	Tallow	Biodiesel	None	None	BDT212	35.94	2/2/2017	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	US sourced rendered Tallow; Biodiesel Produced in Iowa and transported by rail to California	None	Retired
T2N-1116	Tier 2	2.0	Fuel Producer: New Leaf Biofuel (7768) Facility Name: New Leaf Biofuel (83541). Self-rendered Used Cooking Oil Biodiesel Produced in California (Provisional)	San Diego, California	Used Cooking Oil	Biodiesel	None	None	BDU202	8.63	4/1/2016	None	Biodiesel	New Leaf Biofuel (7768)	New Leaf Biofuel (83541)	Selfrendered Used Cooking Oil Biodiesel Produced in California (Provisional)	None	Retired
T2N-1154	Tier 2	2.0	Fuel Producer: Biodico Westside (6231) Facility Name: Biodico Plant (83027). California Used Cooking Oil; Biodiesel produced in Five Points, California (Provisional)	California	Used Cooking Oil	Biodiesel	None	None	BDU229	14.97	6/1/2017	Pathway Details (PDF)	Biodiesel	Biodico Westside (6231)	Biodico Plant (83027)	California Used Cooking Oil; Biodiesel produced in Five Points, California (Provisional)	None	Retired
T2N-1159	Tier 2	2.0	Fuel Producer: High Mountain Fuels, LLC (4293) Facility Name: Altamont Bio-LNG Plant (70526). Tier 2 Method 2B Pathway. Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; fuel dispensed on-site	California	Landfill Gas	Liquefied Natural Gas	None	None	LNLGF217	7.39	6/22/2017	Pathway Details (PDF)	Bio-LNG	High Mountain Fuels, LLC (4293)	Altamont BioLNG Plant (70526)	Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; fuel dispensed onsite	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1162	Tier 2	2.0	Fuel Producer: High Mountain Fuels, LLC (4293) Facility Name: Altamont Bio-LNG Plant (70526); Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; fuel delivered to Bay Area by Truck	California	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF218	7.74	6/22/2017	Pathway Details (PDF)	Bio-LNG	High Mountain Fuels, LLC (4293)	Altamont BioLNG Plant (70526)	Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; fuel delivered to Bay Area by Truck	None	Retired
T1N-1630	Tier 1	2.0	Fuel Producer: Clean Energy (5481) Facility Name: Canton Renewables (71041); Sauk Trails Hills landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; re-gasified to L-CNG in California	Michigan	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF244	67.29	7/10/2017	None	Bio-CNG	Clean Energy (5481)	Canton Renewables (71041)	Sauk Trails Hills landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; regasified to LCNG in California	None	Retired
T2N-1164	Tier 2	2.0	Fuel Producer: High Mountain Fuels, LLC (4293) Facility Name: Altamont Bio-LNG Plant (70526); Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; fuel delivered to Southern California by Truck	California	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF219	10.71	6/22/2017	Pathway Details (PDF)	Bio-LNG	High Mountain Fuels, LLC (4293)	Altamont BioLNG Plant (70526)	Tier 2 Method 2B Pathway; Altamont landfill gas delivered via pipeline to High Mountain Fuels; purified to biomethane and liquefied to LNG in California; fuel delivered to Southern California by Truck	None	Retired
T1N-1485	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Pioneiros Bioenergia S.A. (70430); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting	Brazil	Molasses	Ethanol	None	None	ETHM235	47.56	8/17/2017	None	Ethanol	Copersucar (3702)	Pioneiros Bioenergia SA (70430)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting	None	Retired
T2N-1192	Tier 2	2.0	Fuel Producer: BUSTER BIOFUELS LLC (4166) Facility Name: BUSTER BIOFUELS LLC (83449); Raw Used Cooking Oil (UCO) sourced locally and transported by truck, Biodiesel produced in California (Provisional)	California	Used Cooking Oil	Biodiesel	None	None	BDU231	16.90	7/10/2017	Pathway Details (PDF)	Biodiesel	BUSTER BIOFUELS LLC (4166)	BUSTER BIOFUELS LLC (83449)	Raw Used Cooking Oil (UCO)sourced locally and transported by truck, Biodiesel produced in California (Provisional)	None	Retired
T1N-1627	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: Canton Renewables (71041); Sauk Trail Hills landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Boron; liquefied to LNG in California	Michigan	Landfill Gas	Liquefied Natural Gas	LNGLF221	66.93	LNGLF221R	72.42	8/16/2017	None	Bio-LNG	Clean Energy (5481)	Canton Renewables (71041)	Sauk Trail Hills landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Boron; liquefied to LNG in California	None	Retired
T1N-1628	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: Canton Renewables (71041); Sauk Trail Hills landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Boron; liquefied to LNG in California; re-gasified to L-CNG in California	Michigan	Landfill Gas	Liquefied Compressed Natural Gas	CNGLF255	69.48	CNGLF255R	74.97	8/16/2017	None	Bio-CNG	Clean Energy (5481)	Canton Renewables (71041)	Sauk Trail Hills landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Boron; liquefied to LNG in California; regasified to LCNG in California	None	Retired
T1N-1651	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154); Facility Name: JDP Renewables (L6161); Jefferson David Parish Sanitary landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	Louisiana	Landfill Gas	Compressed Natural Gas	None	None	CNGLF260	39.31	8/24/2017	None	Bio-CNG	Shell Energy North America (6154)	JDP Renewables (L6161)	Jefferson David Parish Sanitary landfill gas to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T1N-1654	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154); Facility Name: JDP Renewables (L6161); Jefferson David Parish Sanitary landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona (Provisional)	Louisiana	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF224	47.28	8/24/2017	None	Bio-LNG	Shell Energy North America (6154)	JDP Renewables (L6161)	Jefferson David Parish Sanitary landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona (Provisional)	None	Retired
T1N-1655	Tier 1	2.0	Shell Energy North America (6154); JDP Renewables (L6161); Jefferson David Parish Sanitary landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona; re-gasified in California (Provisional)	Louisiana	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF259	49.82	8/24/2017	None	Bio-CNG	Shell Energy North America (6154)	JDP Renewables (L6161)	Jefferson David Parish Sanitary landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona; regasified in California (Provisional)	None	Retired
T1N-1659	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154); Facility Name: East Texas Renewables (F2942); Greenwood Farms landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona (Provisional)	Texas	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF223	46.60	8/24/2017	None	Bio-LNG	Shell Energy North America (6154)	East Texas Renewables (F2942)	Greenwood Farms landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona (Provisional)	None	Retired
T1N-1660	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154); Facility Name: East Texas Renewables (F2942); Greenwood Farms landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona; re-gasified in California (Provisional)	Texas	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF258	49.15	8/24/2017	None	Bio-LNG	Shell Energy North America (6154)	East Texas Renewables (F2942)	Greenwodd Farms landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; iquefied to LNG in Arizona; regasified in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1664	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Cambrian Energy/Southtex Fort Smith Treaters (C5950); Fort Smith landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona (Provisional)	Arkansas	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF222	50.15	8/24/2017	None	Bio-LNG	Shell Energy North America (6154)	Cambrian Energy/Southtex Fort Smith Treaters (C5950)	Fort Smith landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona (Provisional)	None	Retired
T1N-1665	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Cambrian Energy/Southtex Fort Smith Treaters (C5950); Fort Smith landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona; re-gasified and compressed in California (Provisional)	Arkansas	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF257	52.70	8/24/2017	None	Bio-CNG	Shell Energy North America (6154)	Cambrian Energy/Southtex Fort Smith Treaters (C5950)	Fort Smith landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona; regasified and compressed in California (Provisional)	None	Retired
T1N-1782	Tier 1	2.0	Fuel Producer: Usina Batatais S/A - Açúcar e Alcool (6446); Facility Name: Usina Batatais S.A. - Açucar e Alcool - Batatais Unit (70408); Brazilian sugarcane juice-based ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS236	48.71	8/17/2017	None	Ethanol	Usina Batatais S/A Açúcar e Alcool (6446)	Usina Batatais SA Açucar e Alcool Batatais Unit (70408)	Brazilian sugarcane juicebased ethanol, with credit for mechanized harvesting	None	Retired
T1N-1784	Tier 1	2.0	Fuel Producer: Usina Batatais S/A - Açúcar e Alcool (6446); Facility Name: Usina Batatais S.A. - Açucar e Alcool (70409); Brazilian sugarcane juice-based ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS235	47.53	8/17/2017	None	Ethanol	Usina Batatais S/A Açúcar e Alcool (6446)	Usina Batatais SA Açucar e Alcool (70409)	Brazilian sugarcane juicebased ethanol, with credit for mechanized harvesting	None	Retired
T1R-1787	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Costa Pinto (70552); Raízen Energia S.A., COPI; Brazilian sugarcane molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM219	44.19	ETHM219R	47.02	8/9/2017	Former T1N-1566, FPC: ETHM219	Ethanol	Raízen Energia S/A (3805)	Costa Pinto (70552)	Raízen Energia SA, COPI Brazilian sugarcane molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1R-1788	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805); Facility Name: Gasa (70551); Raízen Energia S.A., Usina Gasa, Sao Paulo, Brazil; Brazilian sugarcane -to-ethanol, with credit for mechanized harvesting	Brazil	Sugarcane	Ethanol	ETHS221	46.07	ETHS221R	46.91	8/9/2017	Former T1N-1210, FPC: ETHS221	Ethanol	Raízen Energia S/A (3805)	Gasa (70551)	Raízen Energia SA, Usina Gasa, Sao Paulo, Brazil; Brazilian sugarcane toethanol, with credit for mechanized harvesting	None	Retired
T1R-1789	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Rafard (70557); Raízen Energia S.A., Rafard Mill; Brazilian sugarcane molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM215	47.17	ETHM215R	48.76	8/9/2017	Former T1N-1140, FPC: ETHM215	Ethanol	Raízen Energia S/A (3805)	Rafard (70557)	Raízen Energia SA, Rafard Mill; Brazilian sugarcane molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1R-1790	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Paraguacu (71057); Raízen Energia S.A., Paraguacu Mill, Sao Paulo, Brazil; Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM223	46.71	ETHM223R	49.32	8/9/2017	Former T1N-1146, FPC:ETHM223	Ethanol	Raízen Energia S/A (3805)	Paraguacu (71057)	Raízen Energia SA, Paraguacu Mill, Sao Paulo, Brazil; Brazilian sugarcane molasses-toethanol, with credit for mechanized harvesting	None	Retired
T1N-1771	Tier 1	2.0	Fuel Producer: EM Gas Marketing, LLC (6287); Facility Name: Fresh Kills Landfill EMGM (71201); Fresh Kills landfill gas to pipeline-quality biomethane; delivered via pipeline to Orange County Transportation Authority and TruStar CNG Stations in California	New York	Landfill Gas	Compressed Natural Gas	None	None	CNGLF262	37.13	8/29/2017	None	Bio-CNG	EM Gas Marketing, LLC (6287)	Fresh Kills Landfill EMGM (71201)	Fresh Kills landfill gas to pipeline-quality biomethane; delivered via pipeline to Orange County Transportation Authority and TruStar CNG Stations in California	None	Retired
T1N-1775	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Meadow Branch Landfill Gas Processing Facility (71252); Meadow Branch landfill gas to pipeline-quality biomethane; delivered via pipeline to Orange County Transportation Authority and TruStar CNG Stations in CA (Provisional)	Tennessee	Landfill Gas	CNG	CNGLF261	38.51	CNGLF261R	52.14	5/11/2018	None	Bio-CNG	Element Markets Renewable Energy, LLC (6877)	Meadow Branch Landfill Gas Processing Facility (71252)	Meadow Branch landfill gas to pipeline-quality biomethane; delivered via pipeline to Orange County Transportation Authority and TruStar CNG Stations in CA (Provisional)	None	Retired
T1N-1755	Tier 1	2.0	Fuel Producer: REG New Boston, LLC (6067); Facility Name: REG New Boston, LLC (61490); High energy rendered Used Cooking Oil (UCO); Biodiesel produced in Texas and transported by rail to California	Texas	Used Cooking Oil	Biodiesel	None	None	BDU232	20.23	8/31/2017	None	Biodiesel	REG New Boston, LLC (6067)	REG New Boston, LLC (61490)	High energy rendered Used Cooking Oil (UCO), Biodiesel produced in Texas and transported by rail to California	None	Retired
T2N-1191	Tier 2	2.0	Fuel Producer: USL Parallel Products of California (4018); Facility Name: USL Parallel Products of California (70122); Tier 2 Method 2B Pathway; Ethanol derived from recycled beverages in Rancho Cucamonga, California	California	Waste Beverage	Ethanol	None	None	ETHWB201	69.82	9/1/2017	Application Package	Ethanol	USL Parallel Products of California (4018)	USL Parallel Products of California (70122)	Tier 2 Method 2B Pathway Ethanol derived from recycled beverages in Rancho Cucamonga, California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1693	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Santa Lúcia (70426); Brazilian sugarcane juice-to-ethanol pathway, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS241	46.88	9/1/2017	None	Ethanol	Copersucar (3702)	Usina Santa Lúcia (70426)	Brazilian sugarcane juice-to-ethanol pathway, with credit for mechanized harvesting	None	Retired
T1N-1643	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: WM Renewable Energy of Ohio - American Landfill (71222); American landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline to California CNG Stations	Ohio	Landfill Gas	Compressed Natural Gas	None	None	CNGLF264	43.97	9/5/2017	None	Bio-CNG	WM Renewable Energy, LLC (W978)	WM Renewable Energy of Ohio American Landfill (71222)	American landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline to California CNG Stations	None	Retired
T1N-1754	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: WM Renewable Energy of Ohio - American Landfill (71222); American landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; Re-gasified in CA	Ohio	Landfill Gas	Liquefied Compressed Natural Gas	None	None	CNGLF263	59.12	9/5/2017	None	Bio-CNG	WM Renewable Energy, LLC (W978)	WM Renewable Energy of Ohio American Landfill (71222)	American landfill gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; Regasified in CA	None	Retired
T1N-1477	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Barra Grande de Lençóis S.A. (70412); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM205L	T1R-1259	ETHM239	48.90	9/5/2017	None	Ethanol	Copersucar (3702)	Usina Barra Grande de Lençóis SA (70412)	Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting	None	Retired
T1N-1753	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: WM Renewable Energy of Ohio - American Landfill (71222); American landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ (Provisional)	Ohio	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF225	56.57	9/5/2017	None	Bio-LNG	WM Renewable Energy, LLC (W978)	WM Renewable Energy of Ohio American Landfill (71222)	American landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ (Provisional)	None	Retired
T2N-1197	Tier 2	2.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Tier 2 Method 2B Pathway: Renewable Diesel produced from Rendered Used Cooking Oil; Fuel produced in Louisiana. Renewable Naphtha and LPG as co-products (Provisional)	Louisiana	Used Cooking Oil	Renewable Diesel	None	None	RDU203	24.35	9/11/2017	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Tier 2 Method 2B Pathway Renewable Diesel produced from Rendered Used Cooking Oil; Fuel produced in Louisiana Renewable Naphtha and LPG as coproducts (Provisional)	None	Retired
T2N-1198	Tier 2	2.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Tier 2 Method 2B Pathway: Renewable Diesel produced from Non-Rendered Used Cooking Oil; Fuel produced in Louisiana. Renewable Naphtha and LPG as co-products (Provisional)	Louisiana	Used Cooking Oil	Renewable Diesel	None	None	RDU204	18.99	9/11/2017	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Tier 2 Method 2B Pathway Renewable Diesel produced from Non-Rendered Used Cooking Oil; Fuel produced in Louisiana Renewable Naphtha and LPG as coproducts (Provisional)	None	Retired
T2N-1199	Tier 2	2.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Tier 2 Method 2B Pathway: Renewable Diesel produced from Corn Oil; Fuel produced in Louisiana. Renewable Naphtha and LPG as co-products (Provisional)	Louisiana	Corn Oil	Renewable Diesel	None	None	RDC202	34.32	9/11/2017	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Tier 2 Method 2B Pathway Renewable Diesel produced from Corn Oil; Fuel produced in Louisiana Renewable Naphtha and LPG as coproducts (Provisional)	None	Retired
T2N-1200	Tier 2	2.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Tier 2 Method 2B Pathway: Renewable Diesel produced from Tallow; Fuel produced in Louisiana. Renewable Naphtha and LPG as co-products (Provisional)	Louisiana	Tallow	Renewable Diesel	None	None	RDT206	35.71	9/11/2017	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Tier 2 Method 2B Pathway Renewable Diesel produced from Tallow; Fuel produced in Louisiana Renewable Naphtha and LPG as coproducts (Provisional)	None	Retired
T2N-1201	Tier 2	2.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Tier 2 Method 2B Pathway: Renewable Diesel produced from Soy Oil; Fuel produced in Louisiana. Renewable Naphtha and LPG as co-products (Provisional)	Louisiana	Soybean Oil	Renewable Diesel	None	None	RDS201	56.57	9/11/2017	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Tier 2 Method 2B Pathway Renewable Diesel produced from Soy Oil; Fuel produced in Louisiana Renewable Naphtha and LPG as coproducts (Provisional)	None	Retired
T1N-1478	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Açucareira Quatá S.A. (70406); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS242	48.86	9/19/2017	None	Ethanol	Copersucar (3702)	Açucareira Quatá SA (70406)	Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting	None	Retired
T1N-1479	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Açucareira Quatá S.A. (70406); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM207L	45.97	ETHM240	50.69	9/19/2017	None	Ethanol	Copersucar (3702)	Açucareira Quatá SA (70406)	Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1472	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Cerradão Ltda (70425); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS243	47.53	9/25/2017	None	Ethanol	Copersucar (3702)	Usina Cerradão Ltda (70425)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1473	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Cerradão Ltda (70425); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM212L	44.6	ETHM241	48.80	9/25/2017	None	Ethanol	Copersucar (3702)	Usina Cerradão Ltda (70425)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting	None	Retired
T1N-1474	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Açúcarreira Zillo Lorenzetti S.A. (70432); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	ETHS205L	45.21	ETHS244	45.07	9/25/2017	None	Ethanol	Copersucar (3702)	Açúcarreira Zillo Lorenzetti SA (70432)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1475	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Açúcarreira Zillo Lorenzetti S.A. (70432); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM206L	46.32	ETHM242	46.26	9/25/2017	None	Ethanol	Copersucar (3702)	Açúcarreira Zillo Lorenzetti SA (70432)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting	None	Retired
T1N-1757	Tier 1	2.0	Fuel Producer: REG New Boston, LLC (6067) ; Facility Name: REG New Boston, LLC (61490); U.S. sourced rendered Tallow; Biodiesel Produced in Texas and transported by rail to California	Texas	Tallow	Biodiesel	None	None	BDT218	34.27	9/25/2017	None	Biodiesel	REG New Boston, LLC (6067)	REG New Boston, LLC (61490)	US sourced rendered Tallow; Biodiesel Produced in Texas and transported by rail to California	None	Retired
T2N-1227	Tier 2	2.0	Fuel Producer: White Energy, Inc. (4745) ; Facility Name: US Energy Partners, LLC (White Energy, Russell) (70038); Tier 2 Method 2B Pathway: Ethanol produced from Midwest Dry Mill, Wheat Starch Slurry, Wet DGS, NG	Kansas	Wheat Starch Slurry	Ethanol	None	None	ETHWSS200	45.20	10/11/2017	Application Package	Ethanol	White Energy, Inc. (4745)	US Energy Partners, LLC (White Energy, Russell)(70038)	Tier 2 Method 2B Pathway Ethanol produced from Midwest Dry Mill, Wheat Starch Slurry, Wet DGS, NG	None	Retired
T2N-1228	Tier 2	2.0	Fuel Producer: White Energy, Inc. (4745) ; Facility Name: US Energy Partners, LLC (White Energy, Russell) (70038); Tier 2 Method 2B Pathway: Ethanol produced from Midwest Dry Mill, Wheat Starch Slurry, Dry DGS, NG	Kansas	Wheat Starch Slurry	Ethanol	None	None	ETHWSS201	53.73	10/11/2017	Application Package	Ethanol	White Energy, Inc. (4745)	US Energy Partners, LLC (White Energy, Russell)(70038)	Tier 2 Method 2B Pathway Ethanol produced from Midwest Dry Mill, Wheat Starch Slurry, Dry DGS, NG	None	Retired
T2N-1190	Tier 2	2.0	Fuel Producer: Linde LLC (L012); Facility Name: Linde Canada LH2 Plant (R1980); Tier 2 Method 2B Pathway: Compressed H2 from Central Reforming of North American Natural Gas includes liquefaction and regasification steps. (Provisional)	California	North American NG	Hydrogen	None	None	HYGFCR200	165.88	10/13/2017	Application Package	Hydrogen	Linde LLC (L012)	Linde Canada LH2 Plant (R1980)	Tier 2 Method 2B Pathway Compressed H2 from Central Reforming of North American Natural Gas includes liquefaction and regasification steps (Provisional)	None	Retired
T1N-1192	Tier 1	2.0	Fuel Producer: BUNGE ACUCAR E BIOENERGIA LTDA (3858) ; Facility Name: USINA OUROESTE AÇÚCAR E ALCOOL LTDA (70483); Brazilian sugarcane molasses-to-ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM246	46.78	11/6/2017	None	Ethanol	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	USINA OUROESTE AÇÚCAR E ALCOOL LTDA (70483)	Brazilian sugarcane molassestoethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1190	Tier 1	2.0	Fuel Producer: BUNGE ACUCAR E BIOENERGIA LTDA (3858) ; Facility Name: USINA FRUTAL AÇÚCAR E ALCOOL (70579); Brazilian sugarcane molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM245	48.32	11/6/2017	None	Ethanol	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	USINA FRUTAL AÇÚCAR E ALCOOL (70579)	Brazilian sugarcane molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1188	Tier 1	2.0	Fuel Producer: BUNGE ACUCAR E BIOENERGIA LTDA (3858) ; Facility Name: BUNGE ACUCAR E BIOENERGIA LTDA (3858) ; Brazilian sugarcane molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM244	48.60	11/6/2017	None	Ethanol	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	BUNGE ACUCAR E BIOENERGIA LTDA (3858)	Brazilian sugarcane molassesbased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1074	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869); Facility Name: Usina Cresciumal (71068); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting, and surplus cogenerated electricity export.	Brazil	Sugarcane	Ethanol	None	None	ETHS245	47.72	11/6/2017	None	Ethanol	BIOSEV SA (3869)	Usina Cresciumal (71068)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting, and surplus cogenerated electricity export	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1075	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869); Facility Name: Usina Santa Elisa (71070); Brazilian sugarcane juice-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS246	50.16	11/6/2017	None	Ethanol	BIOSEV SA (3869)	Usina Santa Elisa (71070)	Brazilian sugarcane juicebased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1076	Tier 1	2.0	Fuel Producer: BIOSEV S.A. (3869); Facility Name: Usina Vale do Rosário (70440); Brazilian sugarcane juice-based ethanol, with credit for electricity co-product export, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS247	52.07	11/6/2017	None	Ethanol	BIOSEV SA (3869)	Usina Vale do Rosário (70440)	Brazilian sugarcane juicebased ethanol, with credit for electricity coproduct export, and mechanized harvesting	None	Retired
T1N-1171	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805); Facility Name: Araraquara (71055); Brazilian sugarcane juice-to-ethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS248	46.16	11/6/2017	None	Ethanol	Raízen Energia S/A (3805)	Araraquara (71055)	Brazilian sugarcane juicetoethanol, with credit for surplus cogenerated electricity exports, and mechanized harvesting	None	Retired
T1N-1136	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805); Facility Name: Araraquara (71055); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	None	None	ETHM243	47.63	11/6/2017	None	Ethanol	Raízen Energia S/A (3805)	Araraquara (71055)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting	None	Retired
T1N-1786	Tier 1	2.0	Fuel Producer: Show Me Ethanol, LLC (7464); Facility Name: Show Me Ethanol (70300); Dry mill corn ethanol with co-production of DDGS, MDGS, and Corn Oil using natural gas and electricity power.	Missouri	Corn	Ethanol	None	None	ETHC294	77.26	12/21/2017	None	Ethanol	Show Me Ethanol, LLC (7464)	Show Me Ethanol (70300)	Dry mill corn ethanol with coproduction of DDGS, MDGS, and Corn Oil using natural gas and electricity power	None	Retired
T1N-1785	Tier 1	2.0	Fuel Producer: Homeland Energy Solutions LLC (3220) ; Facility Name: Homeland Energy Solutions LLC (70188); Dry mill corn ethanol with co-production of DDGS, MDGS, and corn oil using natural gas and electricity power (Provisional)	Iowa	Corn	Ethanol	None	None	ETHC292	73.11	12/21/2017	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Dry mill corn ethanol with coproduction of DDGS, MDGS, and corn oil using natural gas and electricity power (Provisional)	None	Retired
T1N-1470	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Cocal - Comércio Indústria Canaã Açúcar e Alcool Ltda. (70419); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS249	47.66	11/29/2017	None	Ethanol	Copersucar (3702)	Cocal Comércio Indústria Canaã Açúcar e Alcool Ltda (70419)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1471	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Cocal - Comércio Indústria Canaã Açúcar e Alcool Ltda. (70419); Brazilian sugarcane molasses-to-ethanol, with credit for mechanized harvesting.	Brazil	Molasses	Ethanol	ETHM209L	46.04	ETHM247	48.41	11/29/2017	None	Ethanol	Copersucar (3702)	Cocal Comércio Indústria Canaã Açúcar e Alcool Ltda (70419)	Brazilian sugarcane molassestoethanol, with credit for mechanized harvesting	None	Retired
T1N-1637	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: GSF Energy - Rumpke Landfill (71138); Rumpke landfill gas (OH) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ	Ohio	Landfill Gas	Liquefied Natural Gas	None	None	LNGLF227	64.62	12/21/2017	None	Bio-LNG	WM Renewable Energy, LLC (W978)	GSF Energy Rumpke Landfill (71138)	Rumpke landfill gas (OH)to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in AZ	None	Retired
T1N-1638	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: GSF Energy - Rumpke Landfill (71138); Rumpke landfill gas (OH) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; re-gasified in CA	Ohio	Landfill Gas	Compressed Natural Gas	None	None	CNGLF268	67.17	12/21/2017	None	Bio-CNG	WM Renewable Energy, LLC (W978)	GSF Energy Rumpke Landfill (71138)	Rumpke landfill gas (OH)to pipelinequality biomethane; delivered via pipeline; liquefied to LNG in AZ; regasified in CA	None	Retired
T1N-1634	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: GSF Energy - Rumpke Landfill (71138); Rumpke landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline to California CNG Stations	Ohio	Landfill Gas	Compressed Natural Gas	None	None	CNGLF265	52.32	12/1/2017	None	Bio-CNG	WM Renewable Energy, LLC (W978)	GSF Energy Rumpke Landfill (71138)	Rumpke landfill gas (Ohio)to pipelinequality biomethane; delivered via pipeline to California CNG Stations	None	Retired
T2N-1195	Tier 2	2.0	Fuel Producer: REG New Boston, LLC (6067) ; Facility Name: REG New Boston, LLC (81490); Biodiesel produced from U.S. sourced Non-Rendered Used Cooking Oil (UCO). Fuel produced in New Boston, Texas and transported by rail to California.	Texas	Used Cooking Oil	Biodiesel	None	None	BDU237	14.75	1/8/2018	Application Package	Biodiesel	REG New Boston, LLC (6067)	REG New Boston, LLC (81490)	Biodiesel produced from US sourced NonRendered Used Cooking Oil (UCO). Fuel produced in New Boston, Texas and transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1208	Tier 2	2.0	Fuel Producer: 3 Phases Renewables Inc. (P306) ; Facility Name: 3PR (P1225); Solar-based (Photovoltaic) Electricity for a Single Dual Port Electric Vehicle Charging Station.	California	Solar or Wind	Electricity	None	None	ELCR200	0.00	1/26/2018	Application Package	Electricity	3 Phases Renewables Inc (P306)	3PR (P1225)	Solarbased (Photovoltaic)Electricity for a Single Dual Port Electric Vehicle Charging Station	None	Retired
T2N-1166	Tier 2	2.0	Fuel Producer: REG Newton, LLC (3514) ; Facility Name: REG Newton, LLC (80162); Biodiesel produced from U.S. sourced Non-Rendered Used Cooking Oil (UCO). Fuel produced in Newton, Iowa and transported by rail to California.	Iowa	Used Cooking Oil	Biodiesel	None	None	BDU235	15.49	1/8/2018	Application Package	Biodiesel	REG Newton, LLC (3514) ;	REG Newton, LLC (80162)	Biodiesel produced from US sourced NonRendered Used Cooking Oil (UCO). Fuel produced in Newton, Iowa and transported by rail to California	None	Retired
T2N-1158	Tier 2	2.0	Fuel Producer: FirstElement Fuel (E426); North American fossil NG to Hydrogen (H2) gas production by Steam Reforming of methane via pipeline to California then liquefied, re-gasified, and trucked to multiple H2 dispensing locations	California	North American Natural Gas	Hydrogen	None	None	HYGN001_2	151.01	4/5/2017	None	Hydrogen	FirstElement Fuel (E426)	North American fossil NG to Hydrogen (H2)	gas production by Steam Reforming of methane via pipeline to California then liquefied, regasified, and trucked to multiple H2 dispensing locations	None	Retired
T2N-1233	Tier 2	2.0	Fuel Producer: JC Chemical Co., Ltd. (6094) ; Facility Name: JC Chemical Co., Ltd. (81585); Tier 2 Method 2B Pathway: Rendered Used Cooking Oil (UCO). Biodiesel produced in Ulsan, South Korea and transported by ocean tanker to California	Korea, South	Used Cooking Oil	Biodiesel	None	None	BDU238	20.15	3/1/2018	Application Package	Biodiesel	JC Chemical Co Ltd (6094)	JC Chemical Co Ltd (81585)	Tier 2 Method 2B Pathway Rendered Used Cooking Oil (UCO), Biodiesel produced in Ulsan, South Korea and transported by ocean tanker to California	None	Retired
T2N-1216	Tier 2	2.0	Fuel Producer: General Biodiesel Seattle, LLC (3367); Facility Name: General Biodiesel Seattle, LLC (80086); Tier 2 Method 2B Pathway: Biodiesel produced from US sourced Used Cooking Oil (UCO). Fuel produced in Seattle, Washington and transported by rail to California (Provisional)	Washington	Used Cooking Oil	Biodiesel	None	None	BDU239	28.81	3/7/2018	Application Package	Biodiesel	General Biodiesel Seattle, LLC (3367)	General Biodiesel Seattle, LLC (80086)	Tier 2 Method 2B Pathway Biodiesel produced from US sourced Used Cooking Oil (UCO)Fuel produced in Seattle, Washington and transported by rail to California (Provisional)	None	Retired
T1N-1476	Tier 1	2.0	Fuel Producer: Copersucar (3702); Facility Name: Usina Barra Grande de Lençóis S.A. (70412); Brazilian sugarcane juice-to-ethanol, with credit for mechanized harvesting	Brazil	Sugarcane	Ethanol	None	None	ETHS250	47.71	3/13/2018	None	Ethanol	Copersucar (3702)	Usina Barra Grande de Lençóis SA (70412)	Brazilian sugarcane juicetoethanol, with credit for mechanized harvesting	None	Retired
T1N-1761	Tier 1	2.0	Fuel Producer: Dakota Spirit AgEnergy (6286) Facility Name: Dakota Spirit AgEnergy (71202); Corn Ethanol, Dry Mill, Midwest, Steam, NG	North Dakota	Corn	Ethanol	None	None	ETHC288	69.47	7/5/2017	None	Ethanol	Dakota Spirit AgEnergy (6286)	Dakota Spirit AgEnergy (71202)	Corn Ethanol, Dry Mill, Midwest, Steam, NG	None	Retired
T1N-1210	Tier 1	2.0	Fuel Producer: Raízen Energia S/A (3805) Facility Name: Gasa (70551); Brazilian sugarcane juice-to-ethanol pathway, with credit for surplus cogenerated electricity export and mechanized harvesting.	Brazil	Sugarcane	Ethanol	None	None	ETHS221	46.07	12/20/2016	None	Ethanol	Raízen Energia S/A (3805)	Gasa (70551)	Brazilian sugarcane juicetoethanol pathway, with credit for surplus cogenerated electricity export and mechanized harvesting	None	Retired
T1N-1382	Tier 1	2.0	Neste Singapore Pte Ltd (4137) Facility Name: Neste Singapore (80327); Global high Energy Rendered Tallow to Renewable Diesel; Fuel Produced in Singapore	Singapore	Tallow	Renewable Diesel	None	None	RDT202	39.06	7/1/2016	None	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Global high Energy Rendered Tallow to Renewable Diesel; Fuel Produced in Singapore	None	Retired
T2N-1012	Tier 2	2.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066) (Provisional); Tier 2 Method 2B Pathway: Uncooked Used Cooking Oil (UCO). Biodiesel produced in Coachella, California and transported by truck to locations in California (Provisional)	California	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU240	19.00	3/29/2018	Application Package	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Tier 2 Method 2B Pathway Uncooked Used Cooking Oil (UCO). Biodiesel produced in Coachella, California and transported by truck to locations in California (Provisional)	None	Retired
T2N-1229	Tier 2	2.0	Fuel Producer: SeQuential Pacific Biodiesel LLC (6129) ; Facility Name: SeQuential-Pacific Biodiesel, LLC. (83525); Tier 2 Method 2B Pathway: Biodiesel produced from US sourced uncooked Used Cooking Oil (UCO). Fuel is produced in Portland, Oregon and transported by heavy duty diesel truck to California (Provisional)	Oregon	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU241	18.43	3/29/2018	Application Package	Biodiesel	SeQuential Pacific Biodiesel LLC (6129)	SeQuentialPacific Biodiesel, LLC(83525)	Tier 2 Method 2B Pathway Biodiesel produced from US sourced uncooked Used Cooking Oil (UCO)Fuel is produced in Portland, Oregon and transported by heavy duty diesel truck to California (Provisional)	None	Retired
T1N-1768	Tier 1	2.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Rendered Used Cooking Oil (UCO). Biodiesel produced in Seneca, Illinois and transported by rail to California	Illinois	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU242	21.84	4/2/2018	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Rendered Used Cooking Oil (UCO). Biodiesel produced in Seneca, Illinois and transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1770	Tier 1	2.0	Fuel Producer: REG Seneca, LLC (3652) ; Facility Name: REG Seneca, LLC (80232); U.S. sourced rendered Tallow; Biodiesel Produced in Seneca, Illinois and transported by rail to California	Illinois	Tallow & Animal Fat	Biodiesel	None	None	BDT219	35.79	4/2/2018	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	US sourced rendered Tallow; Biodiesel Produced in Seneca, Illinois and transported by rail to California	None	Retired
T2N-1242	Tier 2	2.0	Fuel Producer: Dansuk Industrial Co., Ltd (5953) ; Facility Name: Dansuk Industrial Co., Ltd (81302); Tier 2 Method 2B Pathway: Rendered Used Cooking Oil (UCO), Biodiesel produced in Shiheung-City, South Korea and transported by ocean tanker to California	South Korea	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU243	27.00	4/9/2018	Application Package	Biodiesel	Dansuk Industrial Co Ltd (5953)	Dansuk Industrial Co Ltd (81302)	Tier 2 Method 2B Pathway Rendered Used Cooking Oil (UCO), Biodiesel produced in ShiheungCity, South Korea and transported by ocean tanker to California	None	Retired
T1N-1621	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: CERF Shelby LLC (71163) (Provisional); North Shelby landfill gas (TN) to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	Tennessee	Landfill Gas	CNG	CNGLF250	54.87	CNGLF250R	55.00	4/25/2018	None	Bio-CNG	Clean Energy (5481)	CERF Shelby LLC (71163)(Provisional)	North Shelby landfill gas (TN)to pipelinequality biomethane; delivered via pipeline to CNG Stations in California	None	Retired
T1N-1624	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: CERF Shelby LLC (71163); North Shelby landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona	California	Landfill Gas	LNG	LNGLF220	62.18	LNGLF220R	62.30	4/25/2018	None	Bio-LNG	Clean Energy (5481)	CERF Shelby LLC (71163)	North Shelby landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; liquefied to LNG in Arizona	None	Retired
T1N-1625	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: CERF Shelby LLC (71163) (Provisional); North Shelby landfill gas to pipeline-quality biomethane; delivered via pipeline to Clean Energy Ehrenberg; re-gasified in California	California	Landfill Gas - L-CNG	CNG	CNGLF253	64.71	CNGLF253R	64.85	4/25/2018	None	Bio-CNG	Clean Energy (5481)	CERF Shelby LLC (71163)(Provisional)	North Shelby landfill gas to pipelinequality biomethane; delivered via pipeline to Clean Energy Ehrenberg; regasified in California	None	Retired
T1N-1812	Tier 1	2.0	Fuel Producer: Victor Valley Transit Authority (V056) ; Facility Name: River Birch Landfill (R7407); River Birch landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	Texas	Landfill Gas	CNG	CNGLF269	40.73	CNGLF269R	44.33	2/6/2019	None	Bio-CNG	Victor Valley Transit Authority (V056)	River Birch Landfill (R7407)	River Birch landfill gas to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T2N-1250	Tier 2	2.0	Fuel Producer: Apple (A449) ; Facility Name: VP02 (V8866); Tier 2 Method 2B Pathway: Solar-based (Photovoltaic) Electricity for 26 dual head ChargePoint electric vehicle charging stations (<i>Provisional</i>)	California	Solar or Wind	Electricity	None	None	ELCR201	0.00	5/4/2018	Application Package	Electricity	Apple (A449)	VP02 (V8866)	Tier 2 Method 2B Pathway Solarbased (Photovoltaic)Electricity for 26 dual head ChargePoint electric vehicle charging stations (Provisional)	None	Retired
T2N-1251	Tier 2	2.0	Fuel Producer: Apple (A449) ; Facility Name: HS01 (H3518); Tier 2 Method 2B Pathway: Solar-based (Photovoltaic) Electricity for seven dual head ChargePoint electric vehicle charging stations (<i>Provisional</i>)	California	Solar or Wind	Electricity	None	None	ELCR202	0.00	5/4/2018	Application Package	Electricity	Apple (A449)	HS01 (H3518)	Tier 2 Method 2B Pathway Solarbased (Photovoltaic)Electricity for seven dual head ChargePoint electric vehicle charging stations (Provisional)	None	Retired
T1N-1822	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154) ; Facility Name: Pine Hill Renewables, LLC (71288); Pine Hill landfill gas in Kilgore, TX to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	Texas	Landfill Gas	CNG	None	None	CNGLF272	39.83	6/7/2018	None	Bio-CNG	Shell Energy North America (6154)	Pine Hill Renewables, LLC (71288)	Pine Hill landfill gas in Kilgore, TX to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T2N-1236	Tier 2	2.0	Fuel Producer: Adkins Energy LLC (4767) ; Facility Name: Adkins Energy, LLC (70070); Tier 2 Method 2B Pathway: Midwest sourced corn oil, Biodiesel produced in Lena, Illinois and transported by rail to California (<i>Provisional</i>)	Illinois	Corn Oil	Biodiesel	None	None	BDC214	37.31	6/15/2018	Application Package	Biodiesel	Adkins Energy LLC (4767)	Adkins Energy, LLC (70070)	Tier 2 Method 2B Pathway Midwest sourced corn oil, Biodiesel produced in Lena, Illinois and transported by rail to California (Provisional)	None	Retired
T2N-1232	Tier 2	2.0	Fuel Producer: ASB Biodiesel Hong Kong (6347) ; Facility Name: ASB Biodiesel Hong Kong (83359); Tier 2 Method 2B Pathway: Rendered Waste Oils and Greases, Biodiesel produced in Hong Kong and transported by ocean tanker to California	Hong Kong	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU245	27.80	6/21/2018	Application Package	Biodiesel	ASB Biodiesel Hong Kong (6347)	ASB Biodiesel Hong Kong (83359)	Tier 2 Method 2B Pathway Rendered Waste Oils and Greases, Biodiesel produced in Hong Kong and transported by ocean tanker to California	None	Retired
T2N-1202	Tier 2	2.0	Fuel Producer: REG Seneca, LLC (3652) ; Facility Name: REG Seneca, LLC (80232); Tier 2 Method 2B Pathway: Biodiesel produced from U.S. sourced Non-Rendered Used Cooking Oil (UCO); Fuel produced in Seneca, Illinois and transported by rail to California	Illinois	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU244	16.57	6/21/2018	Application Package	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Tier 2 Method 2B Pathway Biodiesel produced from US sourced NonRendered Used Cooking Oil (UCO); Fuel produced in Seneca, Illinois and transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1257	Tier 2	2.0	Fuel Producer: Albertsons Companies, Inc. (A505) ; Facility Name: Safeway Tracy Distribution Center (17814); Tier 2 Method 2B Pathway: Wind electricity for charging electric forklifts in Tracy, California (<i>Provisional</i>)	California	Solar or Wind	Electricity	None	None	ELCR203	0.00	6/21/2018	Application Package	Electricity	Albertsons Companies, Inc (A505)	Safeway Tracy Distribution Center (17814)	Tier 2 Method 2B Pathway Wind electricity for charging electric forklifts in Tracy, California (Provisional)	None	Retired
T2N-1189	Tier 2	2.0	Fuel Producer: Linde LLC (L012); Facility Name: Linde Canada LH2 Plant (R1980); Tier 2 Method 2B Pathway: Compressed Hydrogen from co-product hydrogen produced at a sodium chlorate plant (includes liquefaction and regasification steps) and transported by truck to fueling stations in California (<i>Provisional</i>)	Canada	Sodium Chlorate Production Process	Hydrogen	None	None	HYGSC200	56.06	6/26/2018	Application Package	Hydrogen	Linde LLC (L012)	Linde Canada LH2 Plant (R1980)	Tier 2 Method 2B Pathway Compressed Hydrogen from coproduct hydrogen produced at a sodium chlorate plant (includes liquefaction and regasification steps)and transported by truck to fueling stations in California (Provisional)	None	Retired
T1N-1809	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Johnstown Regional Energy - Shade (71134); JRE's Shade landfill, Caimbrook, PA gas in Pennsylvania to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	Pennsylvania	Landfill Gas	CNG	None	None	CNGLF273	49.77	6/27/2018	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy Shade (71134)	JRE's Shade landfill, Caimbrook, PA gas in Pennsylvania to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T1N-1781	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Johnstown Regional Energy - Southern Alleghenies (71133); Southern Alleghenies (PA) landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	Pennsylvania	Landfill Gas	CNG	None	None	CNGLF274	58.84	6/27/2018	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy Southern Alleghenies (71133)	Southern Alleghenies (PA)landfill gas to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T1N-1831	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Johnstown Regional Energy - Raeger (71131); Laurel Highlands (PA) landfill gas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	Pennsylvania	Landfill Gas	CNG	None	None	CNGLF275	42.86	6/27/2018	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy Raeger (71131)	Laurel Highlands (PA)landfill gas to pipelinequality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T2N-1243	Tier 2	2.0	Fuel Producer: REG Seneca, LLC (3652) ; Facility Name: REG Seneca, LLC (80232); Tier 2 Method 2B Pathway: U.S. sourced Brown/Trap Grease as Used Cooking Oil (UCO); Biodiesel produced in Seneca, Illinois and transported by rail to California	Illinois	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU246	23.18	7/27/2018	Application Package	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Tier 2 Method 2B Pathway US sourced Brown/Trap Grease as Used Cooking Oil (UCO); Biodiesel produced in Seneca, Illinois and transported by rail to California	None	Retired
T2N-1247	Tier 2	2.0	Fuel Producer: Southwest Iowa Renewable Energy (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Tier 2 Method 2B Pathway: Midwest, dry mill, corn ethanol produced using coal-derived steam and natural gas for process heat in Council Bluffs, Iowa and transported by rail to California	Iowa	Corn	Ethanol	None	None	ETHC298	79.79	8/2/2018	Application Package	Ethanol	Southwest Iowa Renewable Energy (5935)	Southwest Iowa Renewable Energy, LLC (70326)	Tier 2 Method 2B Pathway Midwest, dry mill, corn ethanol produced using coalderived steam and natural gas for process heat in Council Bluffs, Iowa and transported by rail to California	None	Retired
T1N-1835	Tier 1	2.0	Fuel Producer: Ag Processing Inc (4552) ; Facility Name: AGP Methyl Ester (St Joseph) (81732); Biodiesel produced from Soybean Oil (self-extraction) in St. Joseph, Missouri and transported by rail to California.	Missouri	Soybean Oil	Biodiesel	None	None	BDS213	50.48	8/27/2018	None	Biodiesel	Ag Processing Inc (4552)	AGP Methyl Ester (St Joseph)(81732)	Biodiesel produced from Soybean Oil (selfextraction)in St Joseph, Missouri and transported by rail to California	None	Retired
T1N-1855	Tier 1	2.0	Fuel Producer: Ag Processing Inc (4552) ; Facility Name: Ag Processing Inc - Sgt. Bluff (81733); Biodiesel produced from Soybean Oil in Sergeant Bluff, Iowa (self-extraction) and transported by rail to California.	Iowa	Soybean Oil	Biodiesel	None	None	BDS214	50.03	8/27/2018	None	Biodiesel	Ag Processing Inc (4552)	Ag Processing Inc Sgt Bluff (81733)	Biodiesel produced from Soybean Oil in Sergeant Bluff, Iowa (selfextraction)and transported by rail to California	None	Retired
T2N-1249	Tier 2	2.0	Fuel Producer: Thumb BioEnergy (03862); Facility Name: Thumb BioEnergy (03862); Tier 2 Method 2B Pathway: Locally sourced, Self-Rendered Used Cooking Oil; Biodiesel produced in Sandusky, MI and transported by rail to California	Michigan	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU248	20.90	9/20/2018	Application Package	Biodiesel	Thumb BioEnergy (3862)	Thumb BioEnergy (03862)	Tier 2 Method 2B Pathway Locally sourced, SelfRendered Used Cooking Oil;Biodiesel produced in Sandusky, MI and transported by rail to California	None	Retired
T1N-1851	Tier 1	2.0	Fuel Producer: Softuels USA LLC (5357) ; Facility Name: Softuels USA LLC (82892); Biodiesel produced from Soybean Oil in Helena, Arkansas; Soybean extracted in the Midwest; Fuel transported by rail to California (<i>Provisional</i>)	Arkansas	Soybean Oil	Biodiesel	None	None	BDS215	55.10	9/20/2018	None	Biodiesel	Softuels USA LLC (5357)	Softuels USA LLC (82892)	Biodiesel produced from Soybean Oil in Helena, Arkansas; Soybean extracted in the Midwest; Fuel transported by rail to California (Provisional)	None	Retired
T1N-1861	Tier 1	2.0	Fuel Producer: REG Danville, LLC (3723) ; Facility Name: REG Danville, LLC (80216); U.S. sourced rendered Tallow; Biodiesel Produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	Illinois	Tallow & Animal Fat	Biodiesel	None	None	BDT220	36.80	9/20/2018	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	US sourced rendered Tallow; Biodiesel Produced in Danville, Illinois and transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1862	Tier 1	2.0	Fuel Producer: REG Danville, LLC (3723) ; Facility Name: REG Danville, LLC (80216); Rendered Used Cooking Oil (UCO), Biodiesel produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	Illinois	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU249	22.58	9/20/2018	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	Rendered Used Cooking Oil (UCO), Biodiesel produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	None	Retired
T1N-1860	Tier 1	2.0	Fuel Producer: REG Danville, LLC (3723) ; Facility Name: REG Danville, LLC (80216); U.S. sourced corn oil, Biodiesel produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	Illinois	Corn Oil	Biodiesel	None	None	BDC215	35.13	9/20/2018	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	US sourced corn oil, Biodiesel produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	None	Retired
T1N-1864	Tier 1	2.0	Fuel Producer: Shell Energy North America (6154) ; Facility Name: Melissa Renewables, LLC (71407); Melissa landfill gas in Melissa, TX to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	Texas	Landfill Gas	Compressed Natural Gas	None	None	CNGLF276	40.63	9/24/2018	None	Bio-CNG	Shell Energy North America (6154)	Melissa Renewables, LLC (71407)	Melissa landfill gas in Melissa, TX to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	None	Retired
T1N-1811	Tier 1	2.0	Fuel Producer: Fuel Producer: San Diego Metropolitan Transit Center (S304) ; Facility Name: EBI Energie In (71254); EBI landfill gas in Saint-Thomas, Quebec to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	California	Landfill Gas	CNG	None	None	CNGLF277	32.28	10/3/2018	None	Bio-CNG	San Diego Metropolitan Transit Center (S304)	EBI Energie In (71254)	EBI landfill gas in Saint-Thomas, Quebec to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	None	Retired
T1N-1863	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Charleston Landfill Gas Processing Facility (71314); Landfill gas in Charleston, West Virginia to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	West Virginia	Landfill Gas	CNG	None	None	CNGLF278	66.55	10/9/2018	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Charleston Landfill Gas Processing Facility (71314)	Landfill gas in Charleston, West Virginia to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (<i>Provisional</i>)	None	Retired
T1N-1832	Tier 1	2.0	Fuel Producer: Imperial Western Products (9871) ; Facility Name: Imperial Western Products (81066); U.S. sourced rendered Tallow; Biodiesel produced in Coachella, California (<i>Provisional</i>)	California	Tallow & Animal Fat	Biodiesel	None	None	BDT221	38.36	10/15/2018	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	US sourced rendered Tallow; Biodiesel produced in Coachella, California (<i>Provisional</i>)	None	Retired
T2N-1275	Tier 2	2.0	Fuel Producer: REG Danville, LLC (3723) ; Facility Name: REG Danville, LLC (80216); Tier 2 Method 2B Pathway: Biodiesel produced from U.S. sourced Non-Rendered Used Cooking Oil (UCO); Fuel produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	Illinois	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU250	17.33	10/23/2018	Application Package	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	Tier 2 Method 2B Pathway Biodiesel produced from US sourced Non-Rendered Used Cooking Oil (UCO); Fuel produced in Danville, Illinois and transported by rail to California (<i>Provisional</i>)	None	Retired
T1N-1837	Tier 1	2.0	Fuel Producer: POET Biorefining - Big Stone (4736) ; Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill, Wet, Modified, Dry DGS, and corn oil using natural gas, coal, and electricity; Starch ethanol produced from Corn using BPX process in Big Stone, South Dakota; Ethanol transported by rail to California (<i>Provisional</i>)	South Dakota	Corn	Ethanol	None	None	ETHC306	81.86	12/4/2018	None	Ethanol	POET Biorefining Big Stone (4736)	POET Biorefining Big Stone (70025)	Midwest Corn, Dry Mill, Wet, Modified, Dry DGS, and corn oil using natural gas, coal, and electricity; Starch ethanol produced from Corn using BPX process in Big Stone, South Dakota; Ethanol transported by rail to California (<i>Provisional</i>)	None	Retired
T2N-1259	Tier 2	2.0	Fuel Producer: POET Biorefining - Big Stone (4736) ; Facility Name: POET Biorefining - Big Stone (70025); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Big Stone, South Dakota; Midwest Corn, Dry Mill, Wet, Modified, and Dry DGS, and corn oil using natural gas, coal, and electricity; Ethanol transported by rail to California (<i>Provisional</i>)	South Dakota	Corn Kernel Fiber	Ethanol	None	None	ETHCF206	38.58	12/4/2018	Application Package	Ethanol - Cellulosic	POET Biorefining Big Stone (4736)	POET Biorefining Big Stone (70025)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Big Stone, South Dakota; Midwest Corn, Dry Mill, Wet, Modified, and Dry DGS, and corn oil using natural gas, coal, and electricity; Ethanol transported by rail to California (<i>Provisional</i>)	None	Retired
T2N-1268	Tier 2	2.0	Fuel Producer: Powerflex (P343) ; Facility Name: Mountain View HS (50381); Tier 2 Method 2B Pathway: Solar-based (Photovoltaic) Electricity directly supplied to Electric Vehicle charging at Mountain View High School, California	California	Solar or Wind	Electricity	None	None	ELCR205	0.00	12/11/2018	Application Package	Electricity	Powerflex (P343)	Mountain View HS (50381)	Tier 2 Method 2B Pathway Solarbased (Photovoltaic)Electricity directly supplied to Electric Vehicle charging at Mountain View High School, California	None	Retired
T2N-1269	Tier 2	2.0	Fuel Producer: Powerflex (P343) ; Facility Name: Los Altos HS (45044); Tier 2 Method 2B Pathway: Solar-based (Photovoltaic) Electricity directly supplied to Electric Vehicle charging at Los Altos High School, California	California	Solar or Wind	Electricity	None	None	ELCR204	0.00	12/11/2018	Application Package	Electricity	Powerflex (P343)	Los Altos HS (45044)	Tier 2 Method 2B Pathway Solarbased (Photovoltaic)Electricity directly supplied to Electric Vehicle charging at Los Altos High School, California	None	Retired
T2N-1278	Tier 2	2.0	Fuel Producer: Pinal Energy LLC (4744); Facility Name: Pinal Energy LLC (70136); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn Kernel Fiber using Edenic process along with starch ethanol in Maricopa, Arizona; using natural gas and electricity; Midwest Corn, Dry Mill, Wet and Dry DGS; Corn Oil, Syrup; Ethanol transported by truck to California (<i>Provisional</i>)	Arizona	Corn	Ethanol	None	None	ETHC312	38.06	12/18/2018	Application Package	Ethanol	Pinal Energy LLC (4744)	Pinal Energy LLC (70136)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn Kernel Fiber using Edenic process along with starch ethanol in Maricopa, Arizona; using natural gas and electricity; Midwest Corn, Dry Mill, Wet and Dry DGS; Corn Oil, Syrup; Ethanol transported by truck to California (<i>Provisional</i>)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1248	Tier 2	2.0	Fuel Producer: California Renewable Power LLC (CARP) (C196) ; Facility Name: California Renewable Power and Organics Recycling and Anaerobic Digestion Facility (71270); Tier 2 Method 2B Pathway; Biogas produced from the anaerobic digestion of 100% green waste in Perris, California, upgraded to biomethane onsite, injected into pipeline, and compressed to transportation fuel in California (Provisional)	California	HSAD Food & Green Waste	CNG	None	None	CNGGW201	0.34	12/20/2018	Application Package	Bio-CNG	California Renewable Power LLC (CARP) (C196)	California Renewable Power and Organics Recycling and Anaerobic Digestion Facility (71270)	Tier 2 Method 2B Pathway; Biogas produced from the anaerobic digestion of 100% green waste in Perris, California, upgraded to biomethane onsite, injected into pipeline, and compressed to transportation fuel in California (Provisional)	None	Retired
T1N-1865	Tier 1	2.0	Fuel Producer: W2Fuels (LVA Adrian Biofuel LLC) (3251) ; Facility Name: W2Fuels (LVA Adrian Biofuel LLC dba W2Fuel Adrian) (81095); Biodiesel produced from Soybean Oil in Adrian, Michigan and transported by rail to California (Provisional)	Michigan	Soybean Oil	Biodiesel	None	None	BDS216	55.74	12/21/2018	None	Biodiesel	W2Fuels (LVA Adrian Biofuel LLC)(3251)	W2Fuels (LVA Adrian Biofuel LLC dba W2Fuel Adrian)(81095)	Biodiesel produced from Soybean Oil in Adrian, Michigan and transported by rail to California (Provisional)	None	Retired
T1N-1883	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Cambrian Energy (C5950S); Landfill gas from Fort Smith, Arkansas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	Arkansas	Landfill Gas	CNG	None	None	CNGLF279	44.51	12/31/2018	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Cambrian Energy (C5950S)	Landfill gas from Fort Smith, Arkansas to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
T2N-1239	Tier 2	2.0	Fuel Producer: Neste Renewable Fuels Oy (3734) ; Facility Name: Neste Renewable Fuels - Porvoo (80272); Tier 2 Method 2B Pathway: Renewable Diesel produced from Globally Sourced Tallow, Fuel produced in Neste Porvoo Plant and transported by ocean tanker to California	Finland	Tallow & Animal Fat	Renewable Diesel	None	None	RDT208	45.08	1/16/2019	Application Package	Renewable Diesel	Neste Renewable Fuels Oy (3734)	Neste Renewable Fuels Porvoo (80272)	Tier 2 Method 2B Pathway Renewable Diesel produced from Globally Sourced Tallow, Fuel produced in Neste Porvoo Plant and transported by ocean tanker to California	None	Retired
T2N-1264	Tier 2	2.0	Fuel Producer: Neste Renewable Fuels Oy (3734) ; Facility Name: Neste Renewable Fuels - Porvoo (80272); Tier 2 Method 2B Pathway: Renewable Diesel produced from Globally Sourced Tallow, Shipped to Sluiskil Pre-treatment site, Fuel produced in Neste Porvoo Plant and transported to California (Provisional)	Finland	Tallow & Animal Fat	Renewable Diesel	None	None	RDT207	51.90	1/16/2019	Application Package	Renewable Diesel	Neste Renewable Fuels Oy (3734)	Neste Renewable Fuels Porvoo (80272)	Tier 2 Method 2B Pathway Renewable Diesel produced from Globally Sourced Tallow Shipped to Sluiskil Pretreatment site; Fuel produced in Neste Porvoo Plant and transported to California (Provisional)	None	Retired
T2N-1289	Tier 2	2.0	Fuel Producer: Neste Renewable Fuels Oy (3734) ; Facility Name: Neste Renewable Fuels - Porvoo (80272); Tier 2 Method 2B Pathway: Renewable Diesel produced from Globally Sourced UCO, Fuel produced in Neste Finland Plant and transported by ocean tanker to California (Provisional)	Finland	Used Cooking Oil (UCO)	Renewable Diesel	None	None	RDU205	30.97	1/16/2019	Application Package	Renewable Diesel	Neste Renewable Fuels Oy (3734)	Neste Renewable Fuels Porvoo (80272)	Tier 2 Method 2B Pathway Renewable Diesel produced from Globally Sourced UCO, Fuel produced in Neste Finland Plant and transported by ocean tanker to California (Provisional)	None	Retired
T2N-1246	Tier 2	2.0	Fuel Producer: Eco Solutions Co., Ltd (6266) ; Facility Name: Eco Solutions Co., Ltd (83159); Tier 2 Method 2B Pathway: Rendered Used Cooking Oil (UCO) sourced in South Korea, Biodiesel produced in Jeongeup-si, South Korea using bottom distillates as thermal energy, and transported by ocean tanker to California (Provisional)	South Korea	Used Cooking Oil (UCO)	Biodiesel	None	None	BDU251	22.31	3/18/2019	Application Package	Biodiesel	Eco Solutions Co Ltd (6266)	Eco Solutions Co Ltd (83159)	Tier 2 Method 2B Pathway Rendered Used Cooking Oil (UCO)sourced in South Korea, Biodiesel produced in Jeongeup-si, South Korea using bottom distillates as thermal energy, and transported by ocean tanker to California (Provisional)	None	Retired
B001101	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Ruckman Farm (71256); Renewable Natural Gas (RNG) sourced from Swine Manure of Ruckman Farms, Albany, Missouri; RNG pipelined to Los Angeles, California (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B00110100	-372.35	4/10/2019	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Ruckman Farm (71256)	Renewable Natural Gas (RNG)sourced from Swine Manure of Ruckman Farms, Albany, Missouri; RNG pipelined to Los Angeles, California (Provisional)	None	Retired
B001102	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Ruckman Farm (71256); Renewable Natural Gas (RNG) sourced from Swine Manure of Ruckman Farms, Albany, Missouri; RNG pipelined to liquefaction facility in Topock, Arizona; delivered by truck to California (Provisional)	Missouri	Swine Manure (044)	Liquefied Natural Gas (LNG)	None	None	LNG044B00110200	-360.37	4/10/2019	Application Package	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Ruckman Farm (71256)	Renewable Natural Gas (RNG)sourced from Swine Manure of Ruckman Farms, Albany, Missouri; RNG pipelined to liquefaction facility in Topock, Arizona; delivered by truck to California (Provisional)	None	Retired
B001103	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Ruckman Farm (71256); Renewable Natural Gas (RNG) sourced from Swine Manure of Ruckman Farms, Albany, Missouri; RNG pipelined to liquefaction facility in Topock, Arizona; delivered by truck to and re-gasified in California (Provisional)	Missouri	Swine Manure (044)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN044B00110300	-356.83	4/10/2019	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Ruckman Farm (71256)	Renewable Natural Gas (RNG)sourced from Swine Manure of Ruckman Farms, Albany, Missouri; RNG pipelined to liquefaction facility in Topock, Arizona; delivered by truck to and regasified in California (Provisional)	None	Retired
A003301	Tier 1	3.0	Fuel Producer: CORN, LP (5065) ; Facility Name: CORN, LP (70145); Midwest Corn, Dry Mill, Dry DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Goldfield, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00330100	70.34	4/15/2019	None	Ethanol	CORN, LP (5065)	CORN, LP (70145)	Midwest Corn, Dry Mill, Dry DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Goldfield, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A001701	Tier 1	3.0	Fuel Producer: Husker Ag LLC (5078) ; Facility Name: Husker Ag LLC (70151); Midwest Corn Starch Ethanol, Dry and Modified DGS, Natural Gas	Nebraska	Corn (009)	Ethanol (ETH)	ETHC295	74.03	ETH009A00170100	66.19	4/15/2019	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest Corn Starch Ethanol, Dry and Modified DGS, Natural Gas	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A004301	Tier 1	3.0	Fuel Producer: Kansas Ethanol, LLC (5810); Facility Name: Kansas Ethanol, LLC (70279); Dry Mill Ethanol, using both Corn and Sorghum, Natural Gas, Grid Electricity, DDGS and wetcake (Provisional)	Kansas	Corn (009)	Ethanol (ETH)	ETHC299	67.83	ETH009A00430100	62.79	4/15/2019	None	Ethanol	Kansas Ethanol, LLC (5810)	Kansas Ethanol, LLC (70279)	Dry Mill Ethanol, using both Corn and Sorghum, Natural Gas, Grid Electricity, DDGS and wetcake (Provisional)	None	Retired
A006801	Tier 1	3.0	Fuel Producer: Kansas Ethanol, LLC (5810) ; Facility Name: Kansas Ethanol, LLC (70279); Midwest Sorghum, Dry Mill, Dry and Wet DGS, and Sorghum Oil; Natural Gas and grid electricity; Sorghum starch Ethanol produced in Lyons, Kansas and transported by rail to California (Provisional)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A00680100	67.59	4/15/2019	None	Ethanol	Kansas Ethanol, LLC (5810)	Kansas Ethanol, LLC (70279)	Midwest Sorghum, Dry Mill, Dry and Wet DGS, and Sorghum Oil; Natural Gas and grid electricity; Sorghum starch Ethanol produced in Lyons, Kansas and transported by rail to California (Provisional)	None	Retired
A006901	Tier 1	3.0	Fuel Producer: Trenton Agri Products, LLC (4754) ; Facility Name: Trenton Agri Products, LLC (70053); Midwest Corn, Dry Mill, Dry and Wet DGS, and Corn Oil; Natural Gas and grid electricity; Corn starch Ethanol produced in Trenton, Nebraska and transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETHC210	69.75	ETH009A00690100	65.13	4/16/2019	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest Corn, Dry Mill, Dry and Wet DGS, and Corn Oil; Natural Gas and grid electricity; Corn starch Ethanol produced in Trenton, Nebraska and transported by rail to California	None	Retired
A008601	Tier 1	3.0	Fuel Producer: Bridgeport Ethanol, LLC 5934; Facility Name: Bridgeport Ethanol, LLC 70217; Midwest Corn, Dry Mill, Wet DGS, and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Bridgeport, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETHC229	67.43	ETH009A00860100	62.37	4/16/2019	None	Ethanol	Bridgeport Ethanol, LLC 5934;	Bridgeport Ethanol, LLC (70217)	Midwest Corn, Dry Mill, Wet DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Bridgeport, Nebraska; Ethanol transported by rail to California	None	Retired
A000701	Tier 1	3.0	Fuel Producer: Great Plains Ethanol (4727) ; Facility Name: Great Plains Ethanol, LLC (70012); Midwest Corn, Dry Mill, Dry, Modified, and Wet DGS; Corn Oil and Syrup using biomass, biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Chancellor, SD using BPX conversion method; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC300	69.04	ETH009A00070100	65.21	5/6/2019	None	Ethanol	Great Plains Ethanol (4727)	Great Plains Ethanol, LLC (70012)	Midwest Corn, Dry Mill, Dry, Modified, and Wet DGS; Corn Oil and Syrup using biomass, biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Chancellor, SD using BPX conversion method; Ethanol transported by rail to California	None	Retired
A000702	Tier 1	3.0	Fuel Producer: Great Plains Ethanol (4727) ; Facility Name: Great Plains Ethanol, LLC (70012); Midwest Corn, Dry Mill, Dry, Modified, and Wet DGS; Corn Oil and Syrup using biomass, biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Chancellor, SD using BPX conversion method; Ethanol transported by rail to California	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETHCF203	27.69	ETH012A00070200	25.06	5/6/2019	None	Ethanol - Cellulosic	Great Plains Ethanol (4727)	Great Plains Ethanol, LLC (70012)	Midwest Corn, Dry Mill, Dry, Modified, and Wet DGS; Corn Oil and Syrup using biomass, biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Chancellor, SD using BPX conversion method; Ethanol transported by rail to California	None	Retired
A003401	Tier 1	3.0	Fuel Producer: Siouxsland Ethanol, LLC (5026) ; Facility Name: Siouxsland Ethanol (70134); Midwest Corn, Dry Mill, Dry and Modified DGS, Corn Oil and Syrup using biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Jackson, NE using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC343	69.28	ETH009A00340100	66.23	5/6/2019	None	Ethanol	Siouxsland Ethanol, LLC (5026)	Siouxsland Ethanol (70134)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Jackson, NE using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A003402	Tier 1	3.0	Fuel Producer: Siouxsland Ethanol, LLC (5026) ; Facility Name: Siouxsland Ethanol (70134); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Jackson, NE using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00340200	26.67	5/6/2019	None	Ethanol - Cellulosic	Siouxsland Ethanol, LLC (5026)	Siouxsland Ethanol (70134)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using biogas, natural gas and grid electricity; Corn starch and Fiber ethanol produced in Jackson, NE using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A003601	Tier 1	3.0	Fuel Producer: Mid America Agri Products/Wheatland, LLC (5095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill, Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Madrid, Nebraska using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC313	71.98	ETH009A00360100	67.09	5/6/2019	None	Ethanol	Mid America Agri Products/Wheatland, LLC (5095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Madrid, Nebraska using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A003602	Tier 1	3.0	Fuel Producer: Mid America Agri Products/Wheatland, LLC (5095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill, Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Madrid, Nebraska using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETHC311	38.12	ETH012A00360200	32.40	5/6/2019	None	Ethanol - Cellulosic	Mid America Agri Products/Wheatland, LLC (5095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Madrid, Nebraska using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A003701	Tier 1	3.0	Fuel Producer: E Energy Adams, LLC (4831) ; Facility Name: E energy Adams, LLC (70093); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Adams, Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC310	70.76	ETH009A00370100	66.53	3/29/2019	None	Ethanol	E Energy Adams, LLC (4831)	E energy Adams, LLC (70093)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Adams, Nebraska; Ethanol transported by rail to California (Provisional)	None	Retired
A004101	Tier 1	3.0	Fuel Producer: Marquis Energy - Wisconsin LLC (5750) ; Facility Name: Marquis Energy - Wisconsin LLC (70269); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Necedah, Wisconsin; Ethanol transported by rail to California	Wisconsin	Corn (009)	Ethanol (ETH)	None	None	ETH009A00410100	72.25	5/7/2019	None	Ethanol	Marquis Energy Wisconsin LLC (5750)	Marquis Energy Wisconsin LLC (70269)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Necedah, Wisconsin; Ethanol transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A004601	Tier 1	3.0	Fuel Producer: Pacific Ethanol West (3697) ; Facility Name: Pacific Ethanol Madera LLC (70061); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas, on-site solar power, and grid electricity; Corn starch ethanol produced in Madera, California; Ethanol transported by rail to California (Provisional)	California	Corn (009)	Ethanol (ETH)	ETHC207R	72.94	ETH009A00460100	66.76	3/29/2019	None	Ethanol	Pacific Ethanol West (3697)	Pacific Ethanol Madera LLC (70061)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas, onsite solar power, and grid electricity; Corn starch ethanol produced in Madera, California; Ethanol transported by rail to California (Provisional)	None	Retired
A005101	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500) ; Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00510100	69.86	5/7/2019	None	Ethanol	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005102	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500) ; Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00510200	30.32	5/7/2019	None	Ethanol - Cellulosic	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005301	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786); Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00530100	73.81	5/6/2019	None	Ethanol	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A005302	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786) ; Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00530200	66.94	5/6/2019	None	Ethanol	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A005303	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786) ; Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00530300	26.95	5/6/2019	None	Ethanol - Cellulosic	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A005201	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785) ; Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00520100	75.97	5/6/2019	None	Ethanol	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005202	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785) ; Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00520200	68.75	5/6/2019	None	Ethanol	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005203	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785) ; Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00520300	28.78	5/6/2019	None	Ethanol - Cellulosic	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005701	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782) ; Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Ashton, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00570100	76.25	5/6/2019	None	Ethanol	POET Biorefining Ashton (4782)	POET BIOREFINING ASHTON (OTTER CREEK ETHANOL, LLC)(70032)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Ashton, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005702	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782) ; Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Ashton, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A00570200	67.07	5/6/2019	None	Ethanol	POET Biorefining Ashton (4782)	POET BIOREFINING ASHTON (OTTER CREEK ETHANOL, LLC)(70032)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Ashton, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005703	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782) ; Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Ashton, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00570300	28.39	5/6/2019	None	Ethanol - Cellulosic	POET Biorefining Ashton (4782)	POET BIOREFINING ASHTON (OTTER CREEK ETHANOL, LLC)(70032)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Ashton, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A005801	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A00580100	81.17	5/7/2019	None	Ethanol	POET Biorefining Bingham Lake (4780)	POET BIOREFINING BINGHAM LAKE (ETHANOL 2000, LLP)(70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005802	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A00580200	71.82	5/7/2019	None	Ethanol	POET Biorefining Bingham Lake (4780)	POET BIOREFINING BINGHAM LAKE (ETHANOL 2000, LLP)(70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005803	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00580300	31.75	5/7/2019	None	Ethanol - Cellulosic	POET Biorefining Bingham Lake (4780)	POET BIOREFINING BINGHAM LAKE (ETHANOL 2000, LLP)(70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006201	Tier 1	3.0	Fuel Producer: Poet Biorefining Mitchell (4789); Facility Name: Poet Biorefining Mitchell (70016); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETHC307	79.20	ETH009A00620100	75.24	5/7/2019	None	Ethanol	Poet Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006202	Tier 1	3.0	Fuel Producer: Poet Biorefining Mitchell (4789) ; Facility Name: Poet Biorefining Mitchell (70016); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETHC307	79.20	ETH009A00620200	67.72	5/7/2019	None	Ethanol	Poet Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006203	Tier 1	3.0	Fuel Producer: Poet Biorefining Mitchell (4789); Facility Name: Poet Biorefining Mitchell (70016); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETHCF207	35.67	ETH012A00620300	27.36	5/7/2019	None	Ethanol - Cellulosic	Poet Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006301	Tier 1	3.0	Fuel Producer: POET Biorefining - Groton (4793); Facility Name: POET Biorefining - Groton (70013); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Groton, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETHC308	78.56	ETH009A00630100	75.15	5/7/2019	None	Ethanol	POET Biorefining Groton (4793)	POET Biorefining Groton (70013)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Groton, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006302	Tier 1	3.0	Fuel Producer: POET Biorefining - Groton (4793) ; Facility Name: POET Biorefining - Groton (70013); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Groton, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETHC308	78.56	ETH009A00630200	67.60	5/7/2019	None	Ethanol	POET Biorefining Groton (4793)	POET Biorefining Groton (70013)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Groton, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006303	Tier 1	3.0	Fuel Producer: POET Biorefining - Groton (4793) ; Facility Name: POET Biorefining - Groton (70013); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Groton, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETHCF208	34.79	ETH012A00630300	27.48	5/7/2019	None	Ethanol - Cellulosic	POET Biorefining Groton (4793)	POET Biorefining Groton (70013)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Groton, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006401	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784) ; Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC309	78.06	ETH009A00640100	75.04	5/7/2019	Legacy CI is from a composite pathway containing both dry and wet DGS.	Ethanol	POET Biorefining Gowrie (4784)	POET Biorefining Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006402	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784) ; Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC309	78.06	ETH009A00640200	68.04	5/7/2019	Legacy CI is from a composite pathway containing both dry and wet DGS.	Ethanol	POET Biorefining Gowrie (4784)	POET Biorefining Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006403	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784) ; Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETHCF209	34.30	ETH012A00640300	27.72	5/7/2019	None	Ethanol - Cellulosic	POET Biorefining Gowrie (4784)	POET Biorefining Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A007401	Tier 1	3.0	Fuel Producer: Pacific Ethanol West (3697) ; Facility Name: Pacific Ethanol Stockton LLC (70319); Midwest and California Corn, Dry Mill, Dry and Wet DGS; Corn Oil, and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Stockton, California using Edeniq conversion method (Provisional)	California	Corn (009)	Ethanol (ETH)	ETHC216	69.64	ETH009A00740100	65.77	3/29/2019	None	Ethanol	Pacific Ethanol West (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest and California Corn, Dry Mill, Dry and Wet DGS; Corn Oil, and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Stockton, California using Edeniq conversion method (Provisional)	None	Retired
A007402	Tier 1	3.0	Fuel Producer: Pacific Ethanol West (3697) ; Facility Name: Pacific Ethanol Stockton LLC (70319); Midwest and California Corn, Dry Mill, Dry and Wet DGS; Corn Oil, and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Stockton, California using Edeniq conversion method (Provisional)	California	Corn (009)	Ethanol (ETH)	ETHC217	65.36	ETH009A00740200	61.54	3/29/2019	None	Ethanol	Pacific Ethanol West (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest and California Corn, Dry Mill, Dry and Wet DGS; Corn Oil, and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Stockton, California using Edeniq conversion method (Provisional)	None	Retired
A007403	Tier 1	3.0	Fuel Producer: Pacific Ethanol West (3697) ; Facility Name: Pacific Ethanol Stockton LLC (70319); Midwest and California Corn, Dry Mill, Dry and Wet DGS; Corn Oil, and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Stockton, California using Edeniq conversion method (Provisional)	California	Corn Fiber (012)	Ethanol (ETH)	ETHCF202	39.45	ETH012A00740300	32.62	3/29/2019	None	Ethanol - Cellulosic	Pacific Ethanol West (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest and California Corn, Dry Mill, Dry and Wet DGS; Corn Oil, and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Stockton, California using Edeniq conversion method (Provisional)	None	Retired
A008801	Tier 1	3.0	Fuel Producer: Yuma Ethanol, LLC (4735) ; Facility Name: Yuma Ethanol, LLC (70024); Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural Gas and grid electricity; Corn starch Ethanol produced in Yuma, Colorado; Ethanol transported by rail to California	Colorado	Corn (009)	Ethanol (ETH)	ETHC228	67.68	ETH009A00880100	64.61	5/17/2019	None	Ethanol	Yuma Ethanol, LLC (4735)	Yuma Ethanol, LLC (70024)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural Gas and grid electricity; Corn starch Ethanol produced in Yuma, Colorado; Ethanol transported by rail to California	None	Retired
A008901	Tier 1	3.0	Fuel Producer: Sterling Ethanol, LLC (4766) ; Facility Name: Sterling Ethanol, LLC (70660); Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol produced in Sterling, Colorado; Ethanol transported by rail to California	Colorado	Corn (009)	Ethanol (ETH)	ETHC283	69.39	ETH009A00890100	64.10	5/17/2019	None	Ethanol	Sterling Ethanol, LLC (4766)	Sterling Ethanol, LLC (70660)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol produced in Sterling, Colorado; Ethanol transported by rail to California	None	Retired
A009901	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol Ravenna LLC (70098); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil using natural Gas and grid electricity; Corn starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC303	78.68	ETH009A00990100	73.79	5/17/2019	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC (70098)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil using natural Gas and grid electricity; Corn starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California (Provisional)	None	Retired
A009902	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805) ; Facility Name: KAPPA Ethanol Ravenna LLC (70098); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil using natural Gas and grid electricity; Corn starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC302	66.74	ETH009A00990200	63.23	5/17/2019	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC (70098)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil using natural Gas and grid electricity; Corn starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California (Provisional)	None	Retired
A009401	Tier 1	3.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566) ; Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234); Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural gas (cogen) and grid electricity; Corn starch Ethanol produced in Ceres, California (Provisional)	California	Corn (009)	Ethanol (ETH)	ETHC211	70.23	ETH009A00940100	67.03	5/21/2019	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural gas (cogen)and grid electricity; Corn starch Ethanol produced in Ceres, California (Provisional)	None	Retired
A005501	Tier 1	3.0	Fuel Producer: POET Biorefining - Glenville (4779) ; Facility Name: POET BIOREFINING - GLENNVILLE (AGRA RESOURC (70020); Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A00550100	77.80	5/24/2019	None	Ethanol	POET Biorefining Glenville (4779)	POET BIOREFINING GLENNVILLE (AGRA RESOURC (70020)	Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (Provisional)	None	Retired
A005502	Tier 1	3.0	Fuel Producer: POET Biorefining - Glenville (4779) ; Facility Name: POET BIOREFINING - GLENNVILLE (AGRA RESOURC (70020); Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A00550200	69.57	5/24/2019	None	Ethanol	POET Biorefining Glenville (4779)	POET BIOREFINING GLENNVILLE (AGRA RESOURC (70020)	Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (Provisional)	None	Retired
A005503	Tier 1	3.0	Fuel Producer: POET Biorefining - Glenville (4779) ; Facility Name: POET BIOREFINING - GLENNVILLE (AGRA RESOURC (70020); Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A00550300	29.51	5/24/2019	None	Ethanol - Cellulosic	POET Biorefining Glenville (4779)	POET BIOREFINING GLENNVILLE (AGRA RESOURC (70020)	Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (Provisional)	None	Retired
A007801	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (6877) ; Facility Name: Shreveport Biogas (70121); Landfill gas from Shreveport, Louisiana to biomethane; pipelined to Applied Natural Gas Fuels facility for liquefaction in Topock, Arizona; transport by truck as LNG and regassified to L-CNG in California (Provisional)	Louisiana	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A00780100	61.21	5/29/2019	None	Bio-LNG	Element Markets Renewable Energy, LLC (6877)	Shreveport Biogas (70121)	Landfill gas from Shreveport, Louisiana to biomethane; pipelined to Applied Natural Gas Fuels facility for liquefaction in Topock, Arizona; transport by truck as LNG and regassified to LCNG in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A007802	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Shreveport Biogas (70121); Landfill gas from Shreveport, Louisiana to biomethane; pipelined to Applied Natural Gas Fuels facility for liquefaction in Topock, Arizona; transport by truck as LNG and regassified to L-CNG in California (Provisional)	Louisiana	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A00780200	64.29	5/29/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Shreveport Biogas (70121)	Landfill gas from Shreveport, Louisiana to biomethane; pipelined to Applied Natural Gas Fuels facility for liquefaction in Topock, Arizona; transport by truck as LNG and regassified to LCNG in California (Provisional)	None	Retired
A009801	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805) ; Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill, Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Minden, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETHC225	67.10	ETH009A00980100	61.48	5/29/2019	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Minden, Nebraska; Ethanol transported by rail to California	None	Retired
A007201	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Shreveport Biogas (70121); Landfill gas from Shreveport, Louisiana to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	Louisiana	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A00720100	40.37	5/29/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Shreveport Biogas (70121)	Landfill gas from Shreveport, Louisiana to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
A011001	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Ameresco Woodland Meadows Romulus, LLC (A0833); Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane; delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona; and transported by truck and re-gassified to L-CNG in California (Provisional)	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01100100	46.54	5/29/2019	None	Bio-CNG	U.S. Venture, Inc. (5504)	Ameresco Woodland Meadows Romulus, LLC (A0833)	Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane; delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona; and transported by truck and re-gassified to L-CNG in California (Provisional)	None	Retired
A011002	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504) ; Facility Name: Ameresco Woodland Meadows Romulus, LLC (A0833); Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane; delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona; and transported by truck and re-gassified to L-CNG in California (Provisional)	Michigan	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A01100200	63.69	5/29/2019	None	Bio-LNG	U.S. Venture, Inc. (5504)	Ameresco Woodland Meadows Romulus, LLC (A0833)	Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane; delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona; and transported by truck and re-gassified to L-CNG in California (Provisional)	None	Retired
A011003	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504) ; Facility Name: Ameresco Woodland Meadows Romulus, LLC (A0833); Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane; delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona; and transported by truck and re-gassified to L-CNG in California (Provisional)	Michigan	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A01100300	66.78	5/29/2019	None	Bio-CNG	U.S. Venture, Inc. (5504)	Ameresco Woodland Meadows Romulus, LLC (A0833)	Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane; delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona; and transported by truck and re-gassified to L-CNG in California (Provisional)	None	Retired
A008101	Tier 1	3.0	Fuel Producer: East Kansas Agri-Energy, LLC (4483) ; Facility Name: East Kansas Agri-Energy, LLC (83483); Midwest Corn, Dry Mill, Dry and Wet DGS, and Corn Oil; Natural Gas and grid electricity; Corn starch Ethanol produced in Garnett, Kansas and transported by truck and rail to California	Kansas	Corn (009)	Ethanol (ETH)	None	None	ETH009A00810100	67.53	5/30/2019	None	Ethanol	East Kansas Agri-Energy, LLC (4483)	East Kansas Agri-Energy, LLC (83483)	Midwest Corn, Dry Mill, Dry and Wet DGS, and Corn Oil; Natural Gas and grid electricity; Corn starch Ethanol produced in Garnett, Kansas and transported by truck and rail to California	None	Retired
A005001	Tier 1	3.0	Fuel Producer: POET Biorefining - Laddonia (4787); Facility Name: POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023); Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (Provisional)	Missouri	Corn (009)	Ethanol (ETH)	None	None	ETH009A00500100	70.67	6/3/2019	None	Ethanol	POET Biorefining - Laddonia (4787)	POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (Provisional)	None	Retired
A005002	Tier 1	3.0	Fuel Producer: POET Biorefining - Laddonia (4787); Facility Name: POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023); Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (Provisional)	Missouri	Corn (009)	Ethanol (ETH)	None	None	ETH009A00500200	62.76	6/3/2019	None	Ethanol	POET Biorefining - Laddonia (4787)	POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (Provisional)	None	Retired
A005003	Tier 1	3.0	Fuel Producer: POET Biorefining - Laddonia (4787); Facility Name: POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023); Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (Provisional)	Missouri	Corn (009)	Ethanol (ETH)	None	None	ETH012A00500300	23.18	6/3/2019	None	Ethanol	POET Biorefining - Laddonia (4787)	POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (Provisional)	None	Retired
A009501	Tier 1	3.0	Fuel Producer: Clean Energy (5481); Facility Name: CEFARI RNG OKC, LLC (F00022); Landfill gas processes at CEFARI facility from Southwest Oklahoma City, Oklahoma to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	Oklahoma	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A00950100	51.74	6/3/2019	None	Bio-CNG	Clean Energy (5481)	CEFARI RNG OKC, LLC (F00022)	Landfill gas processes at CEFARI facility from Southwest Oklahoma City, Oklahoma to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (Provisional)	None	Retired
A006101	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791) ; Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETHC305	80.94	ETH009A00610100	76.85	6/5/2019	None	Ethanol	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006102	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791) ; Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETHC305	80.94	ETH009A00610200	69.76	6/5/2019	None	Ethanol	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A006103	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791) ; Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETHCF205	36.92	ETH012A006103000	29.51	6/5/2019	None	Ethanol - Cellulosic	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A008303	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Distillers' Corn Oil, Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	Minnesota	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC211	33.52	BIO003A008303000	24.55	6/7/2019	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Distillers' Corn Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	None	Retired
A008304	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A008304000	17.72	6/7/2019		Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	None	Retired
A008305	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Non-Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A008305000	11.99	6/7/2019		Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Non-Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	None	Retired
A008306	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Tallow (Animal Fats); Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	Minnesota	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT215	36.29	BIO002A008306000	28.89	6/7/2019	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Tallow (Animal Fats); Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	None	Retired
A010002	Tier 1	3.0	Fuel Producer: The Andersons, Inc (5872); Facility Name: The Andersons Denison Ethanol (70135); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETHC275	76.35	ETH009A010002000	67.48	6/7/2019	None	Ethanol	The Andersons, Inc (5872)	The Andersons Denison Ethanol (70135)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	None	Retired
A005401	Tier 1	3.0	Fuel Producer: Poet Biorefining Corning (5046); Facility Name: Poet Biorefining Corning (70143); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Corning, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A005401000	73.97	6/10/2019	None	Ethanol	Poet Biorefining Corning (5046)	Poet Biorefining Corning (70143)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Corning, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005402	Tier 1	3.0	Fuel Producer: Poet Biorefining Corning (5046); Facility Name: Poet Biorefining Corning (70143); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Corning, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A005402000	67.03	6/10/2019	None	Ethanol	Poet Biorefining Corning (5046)	Poet Biorefining Corning (70143)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Corning, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005403	Tier 1	3.0	Fuel Producer: Poet Biorefining Corning (5046); Facility Name: Poet Biorefining Corning (70143); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Corning, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A005403000	27.26	6/10/2019	None	Ethanol - Cellulosic	Poet Biorefining Corning (5046)	Poet Biorefining Corning (70143)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Corning, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005601	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A005601000	74.83	6/10/2019	None	Ethanol	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005602	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A005602000	68.44	6/10/2019	None	Ethanol	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A005603	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A005603000	28.47	6/10/2019	None	Ethanol - Cellulosic	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A006001	Tier 1	3.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC301	79.55	ETH009A00600100	73.99	6/10/2019	None	Ethanol	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006002	Tier 1	3.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC301	79.55	ETH009A00600200	66.22	6/10/2019	None	Ethanol	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A006003	Tier 1	3.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETHCF204	35.39	ETH012A00600300	26.08	6/10/2019	None	Ethanol - Cellulosic	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A010301	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054); Facility Name: Bonanza BioEnergy, LLC (70117); Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETHC234L	67.73	ETH009A01030100	75.50	6/28/2019	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	None	Retired
A010305	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054) ; Facility Name: Bonanza BioEnergy, LLC (70117); Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	None	None	ETH009A01030500	63.21	6/28/2019	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	None	Retired
A010306	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054) ; Facility Name: Bonanza BioEnergy, LLC (70117); Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETHG003	73.39	ETH010A01030600	77.77	6/28/2019	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	None	Retired
A010307	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054); Facility Name: Bonanza BioEnergy, LLC (70117); Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A01030700	65.48	6/28/2019	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest Corn and Sorghum, Dry Mill, Dry and Wet DGS, Syrup, and Corn Oil; Natural Gas and grid electricity; Starch Ethanol produced in Garden City, Kansas and transported by rail to California	None	Retired
A010101	Tier 1	3.0	Fuel Producer: American Greenfuels, LLC (6341) ; Facility Name: AMERICAN GREENFUELS LLC (83357); New England sourced Rendered UCO; Natural Gas and Grid Electricity; Biodiesel produced in New Haven, Connecticut and transported by rail to California (Provisional)	Connecticut	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01010100	21.04	8/5/2019	None	Biodiesel	American Greenfuels, LLC (6341)	AMERICAN GREENFUELS LLC (83357)	New England sourced Rendered UCO; Natural Gas and Grid Electricity; Biodiesel produced in New Haven, Connecticut and transported by rail to California (Provisional)	None	Retired
A011201	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Marcus, Iowa; Ethanol transported to California by rail (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC315	72.14	ETH009A01120100	68.75	8/5/2019	None	Ethanol	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Marcus, Iowa; Ethanol transported to California by rail (Provisional)	None	Retired
A011202	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Marcus, Iowa using EDNIQ conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETHCF200R	44.19	ETH012A01120200	30.06	8/5/2019	None	Ethanol - Cellulosic	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Marcus, Iowa using EDNIQ conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A011203	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Marcus, Iowa; Ethanol transported to California by rail (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A01120300	65.90	8/5/2019	None	Ethanol	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Marcus, Iowa; Ethanol transported to California by rail (Provisional)	None	Retired
A012101	Tier 1	3.0	Fuel Producer: Golden Grain Energy, LLC (4829) ; Facility Name: Golden Grain Energy (70691); Midwest Corn, Dry Mill, Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Mason City, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC212	77.43	ETH009A01210100	73.76	8/5/2019	None	Ethanol	Golden Grain Energy, LLC (4829)	Golden Grain Energy (70691)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Mason City, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A012102	Tier 1	3.0	Fuel Producer: Golden Grain Energy, LLC (4829); Facility Name: Golden Grain Energy (70691); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Mason City, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC213	73.86	ETH009A01210200	70.53	8/5/2019	None	Ethanol	Golden Grain Energy, LLC (4829)	Golden Grain Energy (70691)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Mason City, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A012103	Tier 1	3.0	Fuel Producer: Golden Grain Energy, LLC (4829); Facility Name: Golden Grain Energy (70691); Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Mason City, Iowa using EDNIQ conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01210300	29.09	8/5/2019	None	Ethanol - Cellulosic	Golden Grain Energy, LLC (4829)	Golden Grain Energy (70691)	Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Mason City, Iowa using EDNIQ conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A011801	Tier 1	3.0	Fuel Producer: Pacific Ethanol West (3697); Facility Name: Pacific Ethanol Magic Valley LLC (70291); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Burley, Idaho; Ethanol transported by rail to California	Idaho	Corn (009)	Ethanol (ETH)	ETHC251L	68.89	ETH009A01180100	66.44	8/6/2019	None	Ethanol	Pacific Ethanol West (3697)	Pacific Ethanol Magic Valley LLC (70291)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Burley, Idaho; Ethanol transported by rail to California	None	Retired
A012502	Tier 1	3.0	Fuel Producer: Plymouth Energy LLC (5474); Facility Name: Plymouth Energy LLC (70183); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Merrill, Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETHC286	75.94	ETH009A01250200	68.41	8/6/2019	None	Ethanol	Plymouth Energy LLC (5474)	Plymouth Energy LLC (70183)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Merrill, Iowa; Ethanol transported by rail to California	None	Retired
A013701	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC208R	76.65	ETH009A01370100	72.86	8/5/2019	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	None	Retired
A013702	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC208R	76.65	ETH009A01370200	69.05	8/5/2019	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	None	Retired
A013703	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC208R	76.65	ETH009A01370300	65.76	8/5/2019	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	None	Retired
A014501	Tier 1	3.0	Fuel Producer: Redfield Energy, LLC (4061); Facility Name: Redfield Energy, LLC (70111); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Redfield, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC240L	74.00	ETH009A01450100	69.60	8/6/2019	None	Ethanol	Redfield Energy, LLC (4061)	Redfield Energy, LLC (70111)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Redfield, South Dakota; Ethanol transported by rail to California	None	Retired
A010201	Tier 1	3.0	Fuel Producer: Guardian Energy, LLC (3383); Facility Name: Guardian Energy, LLC (70289); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Janesville, Minnesota; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	ETHC289	75.43	ETH009A01020100	69.29	8/9/2019	None	Ethanol	Guardian Energy, LLC (3383)	Guardian Energy, LLC (70289)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Janesville, Minnesota; Ethanol transported by rail to California (Provisional)	None	Retired
A010202	Tier 1	3.0	Fuel Producer: Guardian Energy, LLC (3383); Facility Name: Guardian Energy, LLC (70289); Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Janesville, Minnesota using SOLITON conversion method; Ethanol transported by rail to California (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01020200	26.35	8/9/2019	None	Ethanol - Cellulosic	Guardian Energy, LLC (3383)	Guardian Energy, LLC (70289)	Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Janesville, Minnesota using SOLITON conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A010901	Tier 1	3.0	Fuel Producer: SIMPLE FUELS BIODIESEL INC (3717); Facility Name: SIMPLE FUELS BIODIESEL (80207); U.S. sourced, Non-Rendered UCO; Biodiesel and Grid Electricity; Biodiesel produced in Chilcoat, CA; Biodiesel transported by truck to stations in California (Provisional)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01090100	14.73	9/24/2019	None	Biodiesel	SIMPLE FUELS BIODIESEL INC (3717)	SIMPLE FUELS BIODIESEL (80207)	U.S. sourced, Non-Rendered UCO; Biodiesel and Grid Electricity; Biodiesel produced in Chilcoat, CA; Biodiesel transported by truck to stations in California (Provisional)	None	Retired
A012001	Tier 1	3.0	Fuel Producer: Siouland Energy Cooperative (4060); Facility Name: Siouland Energy Cooperative (70112); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sioux Center, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC239L	70.04	ETH009A01200100	63.44	9/5/2019	None	Ethanol	Siouland Energy Cooperative (4060)	Siouland Energy Cooperative (70112)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sioux Center, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A012002	Tier 1	3.0	Fuel Producer: Siouxland Energy Cooperative (4060); Facility Name: Siouxland Energy Cooperative (70112); Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Sioux Center, Iowa using EDNIO conversion method; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETHCF201R	42.17	ETH012A01200200	45.82	9/5/2019	None	Ethanol - Cellulosic	Siouxland Energy Cooperative (4060)	Siouxland Energy Cooperative (70112)	Midwest Corn, Dry Mill; Natural Gas and Grid Electricity; Fiber Ethanol produced in Sioux Center, Iowa using EDNIO conversion method; Ethanol transported by rail to California (Provisional)	None	Retired
A012701	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01270100	28.33	9/24/2019	None	Ethanol - Cellulosic	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (Provisional)	None	Retired
A012702	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A01270200	75.89	9/24/2019	None	Ethanol	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (Provisional)	None	Retired
A012703	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A01270300	67.79	9/24/2019	None	Ethanol	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (Provisional)	None	Retired
A012801	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794); Facility Name: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A01280100	77.91	9/24/2019	None	Ethanol	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794)	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (Provisional)	None	Retired
A012802	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794); Facility Name: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A01280200	67.99	9/24/2019	None	Ethanol	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794)	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (Provisional)	None	Retired
A012803	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794); Facility Name: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01280300	28.29	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794)	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (Provisional)	None	Retired
A012901	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	None	None	ETH009A01290100	74.62	9/24/2019	None	Ethanol	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Minnesota; Ethanol transported by rail to California (Provisional)	None	Retired
A012902	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	None	None	ETH009A01290200	67.54	9/24/2019	None	Ethanol	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Minnesota; Ethanol transported by rail to California (Provisional)	None	Retired
A012903	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01290300	27.44	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Leipsic, Minnesota; Ethanol transported by rail to California (Provisional)	None	Retired
A013001	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A01300100	74.35	9/24/2019	None	Ethanol	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	None	Retired
A013002	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A01300200	67.34	9/24/2019	None	Ethanol	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A013003	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01300300	27.54	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	None	Retired
A013601	Tier 1	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Live Oak Landfill Gas Plant (70002); Live Oak Landfill Gas plant landfill gas to pipeline-quality biomethane in Conley, GA; Delivered via pipeline; Compressed to CNG in California (Provisional)	Georgia	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01360100	44.64	9/25/2019	None	Bio-CNG	Shell Energy North America (6154)	Live Oak Landfill Gas Plant (70002)	Live Oak Landfill Gas plant landfill gas to pipeline-quality biomethane in Conley, GA; Delivered via pipeline; Compressed to CNG in California (Provisional)	None	Retired
A014101	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846); Facility Name: HPB - St. Joe Biodiesel LLC (80059); Midwest Corn Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	Missouri	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC212	37.30	BIO003A01410100	29.40	9/25/2019	None	Biodiesel	High Plains Bioenergy (4846)	HPB - St. Joe Biodiesel LLC (80059)	Midwest Corn Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	None	Retired
A014102	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846); Facility Name: HPB - St. Joe Biodiesel LLC (80059); Rendered Tallow (animal and poultry fat); Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	Missouri	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A01410200	34.21	9/25/2019	None	Biodiesel	High Plains Bioenergy (4846)	HPB - St. Joe Biodiesel LLC (80059)	Rendered Tallow (animal and poultry fat); Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	None	Retired
A013901	Tier 1	3.0	Fuel Producer: Midwest Renewable Energy (5214); Facility Name: Midwest Renewable Energy (70160); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sutherland, Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC279	69.83	ETH009A01390100	62.81	9/9/2019	None	Ethanol	Midwest Renewable Energy (5214)	Midwest Renewable Energy (70160)	Midwest Corn, Dry Mill, Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sutherland, Nebraska; Ethanol transported by rail to California (Provisional)	None	Retired
A014001	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETHC297	69.11	ETH009A01400100	63.69	9/9/2019	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A014002	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715) ; Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETHC296	78.63	ETH009A01400200	72.42	9/9/2019	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A014003	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETHG219	76.92	ETH010A01400300	66.76	9/9/2019	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A014004	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETHG218	86.22	ETH010A01400400	75.50	9/9/2019	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A014601	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	Michigan	Corn (009)	Ethanol (ETH)	None	None	ETH009A01460100	72.59	9/24/2019	None	Ethanol	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	None	Retired
A014602	Tier 1	3.0	Fuel Producer: Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	Michigan	Corn (009)	Ethanol (ETH)	None	None	ETH009A01460200	67.10	9/24/2019	None	Ethanol	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	None	Retired
A014603	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	Michigan	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01460300	27.33	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A015501	Tier 1	3.0	Fuel Producer: Absolute Energy, LLC (5049) ; Facility Name: Absolute Energy, LLC (70144); Midwest Corn, Dry Mill; Dry DGS, Modified DGS, and Corn Oil; Natural Gas and Grid Electricity; Starch Ethanol produced in St. Ansgar, Iowa; Ethanol transported by rail to California, Composite CI (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC203	76.69	ETH009A01550100	67.97	9/24/2019	None	Ethanol	Absolute Energy, LLC (5049)	Absolute Energy, LLC (70144)	Midwest Corn, Dry Mill; Dry DGS, Modified DGS, and Corn Oil; Natural Gas and Grid Electricity; Starch Ethanol produced in St. Ansgar, Iowa; Ethanol transported by rail to California, Composite CI (Provisional)	None	Retired
A017001	Tier 1	3.0	Fuel Producer: Pratt Energy, LLC (6127) ; Facility Name: Pratt Energy, LLC (70158); Midwest Corn, Dry Mill; Wet DGS and Corn Oil; Natural Gas, Grid Electricity and on-site cogen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETHC317	65.03	ETH009A01700100	62.21	9/6/2019	None	Ethanol	Pratt Energy, LLC (6127)	Pratt Energy, LLC (70158)	Midwest Corn, Dry Mill; Wet DGS and Corn Oil; Natural Gas, Grid Electricity and on-site cogen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	None	Retired
A017002	Tier 1	3.0	Fuel Producer: Pratt Energy, LLC (6127) ; Facility Name: Pratt Energy, LLC (70158); Midwest Corn, Dry Mill; Dry DGS and Corn Oil; Natural Gas, Grid Electricity and on-site co-gen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETHC304	77.71	ETH009A01700200	76.40	9/6/2019	None	Ethanol	Pratt Energy, LLC (6127)	Pratt Energy, LLC (70158)	Midwest Corn, Dry Mill; Dry DGS and Corn Oil; Natural Gas, Grid Electricity and on-site co-gen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	None	Retired
A017003	Tier 1	3.0	Fuel Producer: Pratt Energy, LLC (6127) ; Facility Name: Pratt Energy, LLC (70158); Midwest Sorghum, Dry Mill; Wet DGS and Corn Oil; Natural Gas, Grid Electricity and on-site co-gen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A01700300	65.67	9/6/2019	None	Ethanol	Pratt Energy, LLC (6127)	Pratt Energy, LLC (70158)	Midwest Sorghum, Dry Mill; Wet DGS and Corn Oil; Natural Gas, Grid Electricity and on-site co-gen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	None	Retired
A017004	Tier 1	3.0	Fuel Producer: Pratt Energy, LLC (6127); Facility Name: Pratt Energy, LLC (70158); Midwest Sorghum, Dry Mill; Dry DGS and Corn Oil; Natural Gas, Grid Electricity and on-site co-gen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A01700400	79.86	9/6/2019	None	Ethanol	Pratt Energy, LLC (6127)	Pratt Energy, LLC (70158)	Midwest Sorghum, Dry Mill; Dry DGS and Corn Oil; Natural Gas, Grid Electricity and on-site co-gen; Starch Ethanol produced in Pratt, Kansas; Ethanol transported by rail to California	None	Retired
A013101	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130); Facility Name: REG Mason City, LLC (82968); U.S. sourced Soybean Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	Iowa	Soybean Oil (005)	Biodiesel (BIO)	BDS204	59.99	BIO005A01310100	57.00	10/8/2019	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Soybean Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	None	Retired
A013102	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130); Facility Name: REG Mason City, LLC (82968); U.S. sourced Canola Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	Iowa	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A01310200	52.00	10/8/2019	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Canola Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	None	Retired
A013103	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130); Facility Name: REG Mason City, LLC (82968); U.S. sourced Corn Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	Iowa	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC207	37.94	BIO003A01310300	27.90	10/8/2019	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Corn Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	None	Retired
A013104	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130); Facility Name: REG Mason City, LLC (82968); U.S. sourced Rendered Used Cooking Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	Iowa	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU215	25.46	BIO001A01310400	21.00	10/8/2019	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Rendered Used Cooking Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	None	Retired
A013105	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130) ; Facility Name: REG Mason City, LLC (82968); U.S. sourced Non-Rendered Used Cooking Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	Iowa	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU236	18.34	BIO001A01310500	16.20	10/8/2019	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Non-Rendered Used Cooking Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	None	Retired
A013106	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130); Facility Name: REG Mason City, LLC (82968); U.S. sourced Rendered Animal Fat Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	Iowa	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT208	39.70	BIO002A01310600	32.50	10/8/2019	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Rendered Animal Fat Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	None	Retired
A013201	Tier 1	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Northeast Mississippi Landfill Gas Recovery Project (71317); Mississippi Landfill Gas to pipeline-quality biomethane in Walnut, MS; Delivered via pipeline; Compressed to CNG in California (Provisional)	Mississippi	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01320100	40.08	9/30/2019	None	Bio-CNG	Clean Energy (5481)	Northeast Mississippi Landfill Gas Recovery Project (71317)	Mississippi Landfill Gas to pipeline-quality biomethane in Walnut, MS; Delivered via pipeline; Compressed to CNG in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A015001	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A01500100	74.83	10/3/2019	None	Ethanol	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	None	Retired
A015003	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Biogas, and Grid Electricity; Fiber Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01500300	27.72	10/3/2019	None	Ethanol - Cellulosic	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Biogas, and Grid Electricity; Fiber Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	None	Retired
A015101	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064); Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN then transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A01510100	74.44	10/3/2019	None	Ethanol	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN then transported by rail to California (Provisional)	None	Retired
A015103	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 4064; Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 70108; Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Portland, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01510300	27.69	10/3/2019	None	Ethanol - Cellulosic	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 4064	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 70108	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Portland, IN; Ethanol transported by rail to California (Provisional)	None	Retired
A015201	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	None	None	ETH009A01520100	74.15	10/3/2019	None	Ethanol	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	None	Retired
A015203	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	Ohio	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01520300	27.00	10/3/2019	None	Ethanol - Cellulosic	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	None	Retired
A015202	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	None	None	ETH009A01520200	67.32	10/3/2019	None	Ethanol	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	None	Retired
A015102	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064); Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A01510200	67.72	10/3/2019	None	Ethanol	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN; Ethanol transported by rail to California (Provisional)	None	Retired
A016101	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Texas Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	Texas	Corn (009)	Ethanol (ETH)	ETHC206	70.43	ETH009A01610100	64.69	10/8/2019	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Texas Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	None	Retired
A016103	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Texas Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETHG202	77.05	ETH010A01610300	66.62	10/8/2019	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Texas Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	None	Retired
A016104	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Texas Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	Texas	Corn (009)	Ethanol (ETH)	ETHC205	78.02	ETH009A01610400	72.64	10/8/2019	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Texas Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	None	Retired
A016105	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Texas Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETHG201	84.64	ETH010A01610500	74.57	10/8/2019	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Texas Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural gas and Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A015002	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819) ; Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A01500200	68.05	10/14/2019	None	Ethanol	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	None	Retired
A016401	Tier 1	3.0	Fuel Producer: BUSHMILLS ETHANOL, INC. (4063); Facility Name: BUSHMILLS ETHANOL, INC. (70109); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil, and Syrup; Natural Gas, Grid and CHP-produced Electricity; Starch Ethanol produced in Atwater, MN; Ethanol transported by truck and rail to California, Composite CI. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	ETHC236L	76.96	ETH009A01640100	67.23	10/15/2019	None	Ethanol	BUSHMILLS ETHANOL, INC. (4063)	BUSHMILLS ETHANOL, INC. (70109)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil, and Syrup; Natural Gas, Grid and CHP-produced Electricity; Starch Ethanol produced in Atwater, MN; Ethanol transported by truck and rail to California, Composite CI. (Provisional)	None	Retired
A017501	Tier 1	3.0	Fuel Producer: Front Range Energy LLC (4758); Facility Name: Front Range Energy LLC (70058); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Windsor, Colorado; Ethanol transported by rail to California	Colorado	Corn (009)	Ethanol (ETH)	ETH009A01220100	63.60	ETH009A01750100	64.25	10/21/2019	None	Ethanol	Front Range Energy LLC (4758)	Front Range Energy LLC (70058)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Windsor, Colorado; Ethanol transported by rail to California	None	Retired
A015401	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline; Compression to CNG stations in California (Provisional)	Kentucky	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01540100	54.66	11/5/2019	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline; Compression to CNG stations in California (Provisional)	None	Retired
A015402	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California LNG stations (Provisional)	Kentucky	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A01540200	71.50	11/5/2019	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California LNG stations (Provisional)	None	Retired
A015403	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California; Re-gasified and compressed to L-CNG (Provisional)	Kentucky	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A01540300	74.59	11/5/2019	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California; Re-gasified and compressed to L-CNG (Provisional)	None	Retired
T2N-1019	Tier 2	2.0	Biomethane produced from the high-solids (greater than 15 percent total solids) anaerobic digestion of food and green wastes; compressed in CA	California	HSAD Food & Green Waste	Compressed Natural Gas	None	None	CNG005_1	-22.93	9/25/2018	None	Bio-CNG	Blue Line Transfer, Inc. (L500)	Blue Line Transfer, Inc. (B1725)	Biomethane produced from the high-solids (greater than 15 percent total solids) anaerobic digestion of food and green wastes; compressed in CA	None	Retired
None	Lookup Table	2.0	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a California publicly owned treatment works; on-site, high speed vehicle fueling or injection of fuel into a pipeline for off-site fueling; export to the grid of surplus cogenerated electricity.	NA	Waste Water	Compressed Natural Gas (CNG)	None	None	CNG020_1	7.75	NA	None	Bio-CNG	NA	NA	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a California publicly owned treatment works; on-site, high speed vehicle fueling or injection of fuel into a pipeline for off-site fueling; export to the grid of surplus cogenerated electricity.	None	Retired
None	Lookup Table	2.0	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a California publicly owned treatment works; on-site, high speed vehicle fueling or injection of fuel into a pipeline for off-site fueling.	NA	Waste Water	Compressed Natural Gas (CNG)	None	None	CNG021_1	30.92	NA	None	Bio-CNG	NA	NA	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a California publicly owned treatment works; on-site, high speed vehicle fueling or injection of fuel into a pipeline for off-site fueling.	None	Retired
None	Lookup Table	2.0	Compressed H2 from central reforming of NG (includes liquefaction and re-gasification steps)	NA	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYGN001_1	151.01	NA	None	Hydrogen	NA	NA	Compressed H2 from central reforming of NG (includes liquefaction and re-gasification steps)	None	Retired
None	Lookup Table	2.0	Liquid H2 from central reforming of NG	NA	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYGN002_1	143.51	NA	None	Hydrogen	NA	NA	Liquid H2 from central reforming of NG	None	Retired
None	Lookup Table	2.0	Compressed H2 from central reforming of NG (no liquefaction and re-gasification steps)	NA	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYGN003_1	105.65	NA	None	Hydrogen	NA	NA	Compressed H2 from central reforming of NG (no liquefaction and re-gasification steps)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
None	Lookup Table	2.0	Compressed H2 from on-site reforming of NG	NA	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYGN004_1	105.13	NA	None	Hydrogen	NA	NA	Compressed H2 from on-site reforming of NG	None	Retired
None	Lookup Table	2.0	Compressed H2 from on-site reforming with renewable feedstocks	NA	Any Other Feedstock (998)	Gaseous Hydrogen (HYG)	None	None	HYGN005_1	88.33	NA	None	Hydrogen	NA	NA	Compressed H2 from on-site reforming with renewable feedstocks	None	Retired
A016501	Tier 1	3.0	Fuel Producer: NEWPORT BIODIESEL INC (7764); Facility Name: NEWPORT BIODIESEL LLC (83532); Northeast US sourced Self-Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail to California (Provisional)	Rhode Island	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01650100	15.24	12/16/2019	None	Biodiesel	NEWPORT BIODIESEL INC (7764)	NEWPORT BIODIESEL LLC (83532)	Northeast US sourced Self-Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail to California (Provisional)	None	Retired
A016502	Tier 1	3.0	Fuel Producer: NEWPORT BIODIESEL INC (7764); Facility Name: NEWPORT BIODIESEL LLC (83532); Northeast US sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail California (Provisional)	Rhode Island	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01650200	18.60	12/16/2019	None	Biodiesel	NEWPORT BIODIESEL INC (7764)	NEWPORT BIODIESEL LLC (83532)	Northeast US sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail California (Provisional)	None	Retired
A016301	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California	Texas	Corn (009)	Ethanol (ETH)	ETHC200	70.79	ETH009A01630100	64.74	12/16/2019	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California	None	Retired
A016302	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Kansas and Texas Sorghum, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETHG200	79.03	ETH010A01630200	66.63	12/16/2019	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Kansas and Texas Sorghum, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California	None	Retired
T1N-1753	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: WM Renewable Energy of Ohio - American Landfill (71222); American landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ	Ohio	Landfill Gas	LNG	LNLGF225	56.57	LNLGF225R	65.22	12/18/2019	None	Bio-LNG	WM Renewable Energy, LLC (W978)	WM Renewable Energy of Ohio - American Landfill (71222)	American landfill gas (Ohio) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ	None	Retired
T1N-1785	Tier 1	2.0	Fuel Producer: Homeland Energy Solutions LLC (3220) ; Facility Name: Homeland Energy Solutions LLC (70188); Dry mill corn ethanol with co-production of DDGS, MDGS, and corn oil using natural gas and electricity power.	Iowa	Corn	Ethanol	ETHC292	73.11	ETHC292R	74.42	12/18/2019	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Dry mill corn ethanol with co-production of DDGS, MDGS, and corn oil using natural gas and electricity power.	None	Retired
T2N-1229	Tier 2	2.0	Fuel Producer: SeQuantial Pacific Biodiesel LLC (6129) ; Facility Name: SeQuantial-Pacific Biodiesel, LLC. (83525); Tier 2 Method 2B Pathway: Biodiesel produced from US sourced uncooked Used Cooking Oil (UCO). Fuel is produced in Portland, Oregon and transported by heavy duty diesel truck to California	Oregon	Used Cooking Oil (UCO)	Biodiesel	BDU241	18.43	BDU241R	18.71	12/18/2019	Application Package	Biodiesel	SeQuantial Pacific Biodiesel LLC (6129)	SeQuantial-Pacific Biodiesel, LLC. (83525)	Tier 2 Method 2B Pathway: Biodiesel produced from US sourced uncooked Used Cooking Oil (UCO). Fuel is produced in Portland, Oregon and transported by heavy duty diesel truck to California	None	Retired
T1N-1809	Tier 1	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (6877) ; Facility Name: Johnstown Regional Energy - Shade (71134); JRE's Shade landfill, Cairnbrook, PA gas in Pennsylvania to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	Pennsylvania	Landfill Gas	CNG	CNGLF273	49.77	CNGLF273R	52.94	12/18/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (6877)	Johnstown Regional Energy - Shade (71134)	JRE's Shade landfill, Cairnbrook, PA gas in Pennsylvania to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	None	Retired
A010501	Tier 1	3.0	Fuel Producer: Dansuk Industrial Co., Ltd (5953); Facility Name: Pyeongtaek 2 (80202); South Korea and Asian sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pyeongtaek, South Korea; Biodiesel transported by rail to California by ocean tanker	South Korea	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01050100	27.89	12/17/2019	None	Biodiesel	Dansuk Industrial Co., Ltd (5953)	Pyeongtaek 2 (80202)	South Korea and Asian sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pyeongtaek, South Korea; Biodiesel transported by rail to California by ocean tanker	None	Retired
A017601	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311) ; Facility Name: Meadow Branch (A2316); Landfill Gas generated at the Meadow Branch Landfill; upgraded to pipeline-quality biomethane in Athens, Tennessee; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01760100	49.24	12/18/2019	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Meadow Branch (A2316)	Landfill Gas generated at the Meadow Branch Landfill; upgraded to pipeline-quality biomethane in Athens, Tennessee; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	None	Retired
A011501	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (6877) ; Facility Name: Ameresco San Antonio Biogas (71204); Biomethane generated at the SAW'S Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; Delivered via pipeline to California; Dispensed as CNG fuel	Texas	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNGWW201	43.02	CNG030A01150100	37.33	12/19/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (6877)	Ameresco San Antonio Biogas (71204)	Biomethane generated at the SAW'S Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; Delivered via pipeline to California; Dispensed as CNG fuel	None	Retired
A016001	Tier 1	3.0	Fuel Producer: Iogen D3 Biofuel Partners LLC (6486); Facility Name: GSF Energy-Rumpke Landfill (71138S); Landfill Gas generated at the Rumpke Landfill; upgraded to pipeline-quality biomethane in Cincinnati, Ohio; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01600100	44.90	12/20/2019	None	Bio-CNG	Iogen D3 Biofuel Partners LLC (6486)	GSF Energy-Rumpke Landfill (71138S)	Landfill Gas generated at the Rumpke Landfill; upgraded to pipeline-quality biomethane in Cincinnati, Ohio; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B005402	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. sourced Rendered Used Cooking Oil/Waste Oil; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in Norco, Louisiana and transported by ocean tanker to California (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RDU202R1	19.73	RND001B00540200	19.92	12/19/2019	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from U.S. sourced Rendered Used Cooking Oil/Waste Oil; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in Norco, Louisiana and transported by ocean tanker to California (Provisional)	None	Retired
B005401	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. sourced Distillers' Corn Oil; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in Norco, Louisiana and transported by ocean tanker to California (Provisional)	Louisiana	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RDC201	31.27	RND003B00540100	27.42	12/19/2019	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from U.S. sourced Distillers' Corn Oil; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in Norco, Louisiana and transported by ocean tanker to California (Provisional)	None	Retired
B005403	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. sourced Rendered Tallow (animal and poultry fat); Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in Norco, Louisiana and transported by ocean tanker to California (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RDT204R1	30.79	RND002B00540300	31.86	12/19/2019	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from U.S. sourced Rendered Tallow (animal and poultry fat); Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in Norco, Louisiana and transported by ocean tanker to California (Provisional)	None	Retired
A013501	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846); Facility Name: High Plains Bioenergy (82883); Biodiesel produced from U.S-sourced Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Biodiesel produced in Guymon, Oklahoma, transported by rail to California (Provisional)	Oklahoma	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT202	35.57	BIO002A01350100	32.07	12/20/2019	None	Biodiesel	High Plains Bioenergy (4846)	High Plains Bioenergy (82883)	Biodiesel produced from U.S-sourced Animal Fat; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California (Provisional)	None	Retired
B003101	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Liquefied hydrogen from Mississippi landfill gas at Air Products & Chemicals Inc., Sacramento, CA transported as liquid to transfill station in Santa Clara, CA and transported as gas to fueling stations	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B00310100	131.39	12/31/2019	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Liquefied hydrogen from Mississippi landfill gas at Air Products & Chemicals Inc., Sacramento, CA transported as liquid to transfill station in Santa Clara, CA and transported as gas to fueling stations	None	Retired
B004501	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Jet produced from Rendered animal fat from JBS Brooks, Alberta, Canada; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B00450100	25.08	12/27/2019	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Jet produced from Rendered animal fat from JBS Brooks, Alberta, Canada; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	None	Retired
B004502	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Diesel produced from Rendered animal fat from JBS Brooks, Alberta, Canada; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B00450200	25.08	12/27/2019	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Diesel produced from Rendered animal fat from JBS Brooks, Alberta, Canada; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B004503	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Naphtha produced from Rendered animal fat from JBS Brooks, Alberta, Canada; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B00450300	25.08	12/27/2019	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Naphtha produced from Rendered animal fat from JBS Brooks, Alberta, Canada; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B004401	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Jet produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B00440100	42.91	12/27/2019	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Jet produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	None	Retired
B004301	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Jet produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B00430100	37.13	12/27/2019	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Jet produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	None	Retired
B004302	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Diesel produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RDT209	38.75	RND002B00430200	37.13	12/27/2019	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Diesel produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B004303	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Naphtha produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNWN200	39.75	RNT002B00430300	37.13	12/27/2019	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Naphtha produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B004402	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Diesel produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B00440200	42.91	12/27/2019	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Diesel produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B004403	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Naphtha produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B00440300	42.91	12/27/2019	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Naphtha produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B004601	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491) ; Facility Name: Praxair Liquid H2 Source (F00053); Liquefied hydrogen North American fossil NG produced at Praxair Liquids Hydrogen Source, Ontario, California transported as liquid to transfill station in Etiwanda, CA and gaseous hydrogen transport by tube trailer to stations in Southern CA	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031B00460100	158.15	12/31/2019	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Praxair Liquid H2 Source (F00053)	Liquefied hydrogen North American fossil NG produced at Praxair Liquids Hydrogen Source, Ontario, California transported as liquid to transfill station in Etiwanda, CA and gaseous hydrogen transport by tube trailer to stations in Southern CA	None	Retired
B004602	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: Praxair Liquid H2 Source (F00053); Liquefied hydrogen from Mississippi landfill gas produced at Praxair Liquids Hydrogen Source, Ontario, California transported as liquid to transfill station in Etiwanda, California and gaseous hydrogen transport by tube trailer to stations in Southern CA	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B00460200	136.31	12/31/2019	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Praxair Liquid H2 Source (F00053)	Liquefied hydrogen from Mississippi landfill gas produced at Praxair Liquids Hydrogen Source, Ontario, California transported as liquid to transfill station in Etiwanda, California and gaseous hydrogen transport by tube trailer to stations in Southern CA	None	Retired
B004701	Tier 2	3.0	Fuel Producer: Sinclair Wyoming Refining Company (3984); Facility Name: Sinclair Wyoming Refining Company (83388); Renewable Diesel produced from US soybean oil. Fuel produced in Wyoming and transported to California (Provisional)	Wyoming	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B00470100	58.34	12/27/2019	Application Package	Renewable Diesel	Sinclair Wyoming Refining Company (3984)	Sinclair Wyoming Refining Company (83388)	Renewable Diesel produced from US soybean oil. Fuel produced in Wyoming and transported to California (Provisional)	None	Retired
B004901	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: Air Products Sacramento Liquid Sacramento (F00103); Liquefied hydrogen from fossil natural gas at Air Products & Chemicals Inc., Sacramento, California transported as liquid to transfill station in Santa Clara, California and gaseous hydrogen transport by tube trailer to stations in Northern California	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031B00490100	158.28	12/31/2019	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Air Products Sacramento Liquid Sacramento (F00103)	Liquefied hydrogen from fossil natural gas at Air Products & Chemicals Inc., Sacramento, California transported as liquid to transfill station in Santa Clara, California and gaseous hydrogen transport by tube trailer to stations in Northern California	None	Retired
B004902	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: Air Products Sacramento Liquid Sacramento (F00103); Liquefied hydrogen from landfill gas at Air Products & Chemicals Inc., Sacramento, California transported as liquid to transfill station in Santa Clara, California and gaseous hydrogen transport by tube trailer to stations in Northern California	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B00490200	136.44	12/31/2019	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Air Products Sacramento Liquid Sacramento (F00103)	Liquefied hydrogen from landfill gas at Air Products & Chemicals Inc., Sacramento, California transported as liquid to transfill station in Santa Clara, California and gaseous hydrogen transport by tube trailer to stations in Northern California	None	Retired
A019501	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: GSF Energy, LLC – McCarty Road LFG Recovery Facility (F00060); Landfill Gas generated at the McCarty Road Landfill; upgraded to pipeline-quality biomethane in Houston, Texas; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A01950100	43.37	12/31/2019	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	GSF Energy, LLC – McCarty Road LFG Recovery Facility (F00060)	Landfill Gas generated at the McCarty Road Landfill; upgraded to pipeline-quality biomethane in Houston, Texas; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	None	Retired
T2R-1105	Tier 2	2.0	Fuel Producer: Tracy Renewable Energy LLC (T534) Facility Name: Tracy Renewable Energy LLC (A0640); Ethanol Produced from California Energy Beets using biogas derived from anaerobic digestion of green wastes, manure and glycerin; with credit for avoided waste management and co-products (compost and animal feed).	California	Sugarbeets	Ethanol	ETHBE001	13.64	ETHB200L	7.18	5/16/2016	None	Ethanol	Tracy Renewable Energy LLC (T534)	Tracy Renewable Energy LLC (A0640)	Ethanol Produced from California Energy Beets using biogas derived from anaerobic digestion of green wastes, manure and glycerin; with credit for avoided waste management and coproducts (compost and animal feed)	None	Retired
T2R-1073	Tier 2	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319), California, Dry Mill, Waste Wine Ethanol, NG	California	Waste Wine	Ethanol	ETHWB002	18.70	ETHWB200L	22.06	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	California, Dry Mill, Waste Wine Ethanol, NG	None	Retired
T1R-1518	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317), Midwest Corn, California Ethanol, Dry Mill, WDGS, 100% Landfill Gas, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC125	67.92	ETHC271L	56.44	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Corn, California Ethanol, Dry Mill, WDGS, 100% Landfill Gas, With Lime Use in Fertilizer	None	Retired
T1R-1248	Tier 1	2.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566) Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234), California Ethanol, California Corn, Dry Mill, WDGS, North American LFG, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC120	62.76	ETHC257L	56.82	3/31/2016	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	California Ethanol, California Corn, Dry Mill, WDGS, North American LFG, With Lime Use in Fertilizer	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1195	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319). California Corn, California Ethanol, Dry Mill, WDGS, North American LFG	California	Corn	Ethanol	ETHC117	65.07	ETHC249L	58.11	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	California Corn, California Ethanol, Dry Mill, WDGS, North American LFG	None	Retired
T1R-1250	Tier 1	2.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566) Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234). California Ethanol, Midwest Corn, Dry Mill, WDGS, North American LFG	California	Corn	Ethanol	ETHC122	69.78	ETHC259L	58.31	3/31/2016	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	California Ethanol, Midwest Corn, Dry Mill, WDGS, North American LFG	None	Retired
T1R-1199	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319). Midwest Corn, California Ethanol, Dry Mill, WDGS, North American, LFG	California	Corn	Ethanol	ETHC119	70.56	ETHC250L	59.04	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest Corn, California Ethanol, Dry Mill, WDGS, North American, LFG	None	Retired
T1R-1515	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317). California Corn, California Ethanol, Dry Mill, WDGS, 3% Dairy Digester Gas, 97% NG, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC128	68.20	ETHC268L	60.27	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	California Corn, California Ethanol, Dry Mill, WDGS, 3% Dairy Digester Gas, 97% NG, With Lime Use in Fertilizer	None	Retired
T1R-1517	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317). California Corn, California Ethanol, Dry Mill, WDGS, 100% NG, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC124	68.43	ETHC270L	61.94	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	California Corn, California Ethanol, Dry Mill, WDGS, 100% NG, With Lime Use in Fertilizer	None	Retired
T1R-1513	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317). Midwest Corn, California Ethanol, Dry Mill, WDGS, 3% Dairy Digester Gas, 97% NG, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC127	75.34	ETHC267L	63.23	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Corn, California Ethanol, Dry Mill, WDGS, 3% Dairy Digester Gas, 97% NG, With Lime Use in Fertilizer	None	Retired
T1R-1520	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317). Midwest Sorghum, California Ethanol, Dry Mill, WDGS, 100% Landfill Gas, With Lime Use in Fertilizer	California	Sorghum	Ethanol	ETHG023	69.19	ETHG211L	64.34	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Sorghum, California Ethanol, Dry Mill, WDGS, 100% Landfill Gas, With Lime Use in Fertilizer	None	Retired
T1R-1519	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317). Midwest Corn, California Ethanol, Dry Mill, WDGS, 100% NG, With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC126	75.77	ETHC272L	64.89	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Corn, California Ethanol, Dry Mill, WDGS, 100% NG, With Lime Use in Fertilizer	None	Retired
T1N-1231	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319). California Corn, Ethanol, Dry Mill, NG	California	Corn	Ethanol	None	None	ETHC217	65.36	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	California Corn, Ethanol, Dry Mill, NG	None	Retired
T1R-1251	Tier 1	2.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566) Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234). California Ethanol, Midwest Grain Sorghum, Dry Mill, WDGS, North American LFG, With Lime Use in Fertilizer	California	Sorghum	Ethanol	ETHG020	68.24	ETHG208L	66.07	3/31/2016	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	California Ethanol, Midwest Grain Sorghum, Dry Mill, WDGS, North American LFG, With Lime Use in Fertilizer	None	Retired
T1N-1358	Tier 1	2.0	Fuel Producer: Bridgeport Ethanol, LLC (5934) Facility Name: Bridgeport Ethanol, LLC (70217). Midwest Corn, Ethanol, Dry Mill, WDGS, NG	Nebraska	Corn	Ethanol	None	None	ETHC229	67.43	3/31/2016	None	Ethanol	Bridgeport Ethanol, LLC (5934)	Bridgeport Ethanol, LLC (70217)	Midwest Corn, Ethanol, Dry Mill, WDGS, NG	None	Retired
T1R-1249	Tier 1	2.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566) Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234). California Ethanol, California Corn, Dry Mill, WDGS, NG With Lime Use in Fertilizer	California	Corn	Ethanol	ETHC121	72.42	ETHC258L	67.46	3/31/2016	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	California Ethanol, California Corn, Dry Mill, WDGS, NG With Lime Use in Fertilizer	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
None	Lookup Table	3.0	California grid electricity used as a transportation fuel in California	California	Grid Electricity (039)	Electricity (ELC)	None	None	ELC000L00072019	81.49	NA	None	Electricity	NA	NA	California grid electricity used as a transportation fuel in California	None	Retired
T1R-1197	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319). Midwest Grain Sorghum, California Ethanol, Dry Mill, WDGS, North American LFG	California	Sorghum	Ethanol	ETHG018	68.19	ETHG206L	68.62	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest Grain Sorghum, California Ethanol, Dry Mill, WDGS, North American LFG	None	Retired
T1N-1230	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319). Midwest Corn, Ethanol, Dry Mill, NG	California	Corn	Ethanol	None	None	ETHC216	69.64	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest Corn, Ethanol, Dry Mill, NG	None	Retired
T1N-1609	Tier 1	2.0	Fuel Producer: Great Plains Ethanol (4727) Facility Name: Great Plains Ethanol, LLC (70012). Midwest Corn, Ethanol, Dry Mill, DDGS, WDGS, Corn Oil, and Syrup, Using NG, Wood, and Biogas	South Dakota	Corn	Ethanol	None	None	ETHC280	69.68	1/10/2017	None	Ethanol	Great Plains Ethanol (4727)	Great Plains Ethanol, LLC (70012)	Midwest Corn, Ethanol, Dry Mill, DDGS, WDGS, Corn Oil, and Syrup, Using NG, Wood, and Biogas	None	Retired
T1N-1152	Tier 1	2.0	Fuel Producer: Trenton Agri Products, LLC (4754) Facility Name: Trenton Agri Products, LLC (70053). Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	None	None	ETHC210	69.75	3/31/2016	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1N-1592	Tier 1	2.0	Fuel Producer: Western Plains Energy, LLC (4740) Facility Name: Western Plains Energy, LLC (70030). Midwest Corn, Ethanol, Dry Mill, DDGS, WDGS, and Corn Oil, NG	Kansas	Corn	Ethanol	None	None	ETHC278	70.60	11/2/2016	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Corn, Ethanol, Dry Mill, DDGS, WDGS, and Corn Oil, NG	None	Retired
T1N-1070	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: WE Hereford, LLC (70037). Midwest Corn, Ethanol, Dry Mill, 100% WDGS, NG	Texas	Corn	Ethanol	None	None	ETHC200	70.79	3/31/2016	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Ethanol, Dry Mill, 100% WDGS, NG	None	Retired
T1R-1514	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317). Midwest Sorghum, California Ethanol, Dry Mill, WDGS, 3% Dairy Digester Gas, 97% NG, With Lime Use in Fertilizer	California	Sorghum	Ethanol	ETHG025	76.91	ETHG210L	70.80	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Sorghum, California Ethanol, Dry Mill, WDGS, 3% Dairy Digester Gas, 97% NG, With Lime Use in Fertilizer	None	Retired
T1N-1500	Tier 1	2.0	Fuel Producer: POET Biorefining Mitchell (4789) Facility Name: POET Biorefining Mitchell (70016). Midwest Corn, Ethanol, Dry Mill, 100% WDGS, NG	South Dakota	Corn	Ethanol	None	None	ETHC231	71.14	3/31/2016	None	Ethanol	POET Biorefining Mitchell (4789)	POET Biorefining Mitchell (70016)	Midwest Corn, Ethanol, Dry Mill, 100% WDGS, NG	None	Retired
T1R-1013 T1R-1052	Tier 1	2.0	Fuel Producer: Mid America Agri Products/Wheatland, LLC (5095) Facility Name: Mid America Agri Products/Wheatland LLC (70153). Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC110 ETHC111	82.76 76.68	ETHC235L	71.78	3/31/2016	None	Ethanol	Mid America Agri Products/Wheatland, LLC (5095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1R-1003	Tier 1	2.0	Fuel Producer: Arkalon Ethanol, LLC (5715) Facility Name: Arkalon Ethanol, LLC (70247). Midwest, Corn Ethanol, Dry Mill, NG	Kansas	Corn	Ethanol	ETHC037	80.17	ETHC233L	71.79	3/31/2016	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1R-1015	Tier 1	2.0	Fuel Producer: BUSHMILLS ETHANOL, INC. (4063) Facility Name: BUSHMILLS ETHANOL, INC. (70109). Midwest, Corn Ethanol, Dry Mill, 100% MDGS, NG	Minnesota	Corn	Ethanol	ETHC113	79.18	ETHC232L	72.55	3/31/2016	None	Ethanol	BUSHMILLS ETHANOL, Inc (4063)	BUSHMILLS ETHANOL, Inc (70109)	Midwest, Corn Ethanol, Dry Mill, 100% MDGS, NG	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1521	Tier 1	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317); Midwest Sorghum, California Ethanol, Dry Mill, Wet DGS, 100% NG, With Lime Use in Fertilizer	California	Sorghum	Ethanol	ETHG024	77.04	ETHG212L	72.59	3/31/2016	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Sorghum, California Ethanol, Dry Mill, Wet DGS, 100% NG, With Lime Use in Fertilizer	None	Retired
T1N-1539	Tier 1	2.0	Fuel Producer: Siouland Ethanol, LLC (5026) Facility Name: Siouland Ethanol (70134). Midwest, Corn, Ethanol, Dry Mill, NG and Landfill Gas as process fuels	Nebraska	Corn	Ethanol	None	None	ETHC276	72.63	11/2/2016	None	Ethanol	Siouland Ethanol, LLC (5026)	Siouland Ethanol (70134)	Midwest, Corn, Ethanol, Dry Mill, NG and Landfill Gas as process fuels	None	Retired
T1N-1132	Tier 1	2.0	Fuel Producer: Pacific Ethanol West (3697) ; Facility Name: Pacific Ethanol Madera LLC (70061); Midwest Corn, CA Ethanol, Dry Mill, WDGS, NG	California	Corn	Ethanol	ETHC207	72.73	ETHC207R	72.94	5/16/2018	None	Ethanol	Pacific Ethanol West (3697)	Pacific Ethanol Madera LLC (70061)	Midwest Corn, CA Ethanol, Dry Mill, WDGS, NG	None	Retired
T1N-1082	Tier 1	2.0	Fuel Producer: Little Sioux Corn Processors, LLLP (4728) Facility Name: LSCP, LLLP (70015). Midwest Corn, Ethanol, Dry Mill, 100% MDGS, NG (Provisional)	Iowa	Corn	Ethanol	None	None	ETHC202	73.55	3/31/2016	None	Ethanol	Little Sioux Corn Processors, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Ethanol, Dry Mill, 100% MDGS, NG (Provisional)	None	Retired
T1N-1176	Tier 1	2.0	Fuel Producer: High Plains Bioenergy (4846) Facility Name: High Plains Bioenergy (82883). Mixture of tallow & choice white grease biodiesel transported by rail to CA (30% tallow from local, the rest from KS, TX and NE)	Guymon, Oklahoma	Mixture of Tallow and Choice White Grease	Biodiesel	None	None	BDT202	35.57	6/30/2016	None	Biodiesel	High Plains Bioenergy (4846)	High Plains Bioenergy (82883)	Mixture of tallow & choice white grease biodiesel transported by rail to CA (30% tallow from local, the rest from KS, TX and NE)	None	Retired
T1R-1294	Tier 1	2.0	Fuel Producer: Siouland Ethanol, LLC (5026) Facility Name: Siouland Ethanol (70134). Midwest, Corn Ethanol, Dry Mill, 87% NG, 13% LFG	Nebraska	Corn	Ethanol	ETHC047	83.74	ETHC268L	73.78	3/31/2016	None	Ethanol	Siouland Ethanol, LLC (5026)	Siouland Ethanol (70134)	Midwest, Corn Ethanol, Dry Mill, 87% NG, 13% LFG	None	Retired
T1R-1292	Tier 1	2.0	Fuel Producer: Siouland Ethanol, LLC (5026) Facility Name: Siouland Ethanol (70134). Midwest, Corn Ethanol, Dry Mill, 90% NG, 10% LFG	Nebraska	Corn	Ethanol	ETHC046	84.41	ETHC265L	74.05	3/31/2016	None	Ethanol	Siouland Ethanol, LLC (5026)	Siouland Ethanol (70134)	Midwest, Corn Ethanol, Dry Mill, 90% NG, 10% LFG	None	Retired
T1R-1291	Tier 1	2.0	Fuel Producer: Siouland Ethanol, LLC (5026) Facility Name: Siouland Ethanol (70134). Midwest, Corn Ethanol, Dry Mill, 93% NG, 7% LFG	Nebraska	Corn	Ethanol	ETHC045	85.16	ETHC264L	74.37	3/31/2016	None	Ethanol	Siouland Ethanol, LLC (5026)	Siouland Ethanol (70134)	Midwest, Corn Ethanol, Dry Mill, 93% NG, 7% LFG	None	Retired
T1R-1216	Tier 1	2.0	Fuel Producer: Husker Ag LLC (5078) Facility Name: Husker Ag LLC (70151). Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC092	81.92	ETHC253L	74.56	3/31/2016	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1R-1032	Tier 1	2.0	Fuel Producer: E Energy Adams, LLC (4831) Facility Name: E energy Adams, LLC (70093). Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC067_1	86.31	ETHC238L	74.62	3/31/2016	None	Ethanol	E Energy Adams, LLC (4831)	E energy Adams, LLC (70093)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired
T1R-1006	Tier 1	2.0	Fuel Producer: Bonanza BioEnergy, LLC (4054) Facility Name: Bonanza BioEnergy, LLC (70117). Midwest, Sorghum Ethanol, Dry Mill, NG	Kansas	Sorghum	Ethanol	ETHG003	73.39	ETHG205L	74.83	3/31/2016	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest, Sorghum Ethanol, Dry Mill, NG	None	Retired
T1R-1286	Tier 1	2.0	Fuel Producer: Siouland Ethanol, LLC (5026) Facility Name: Siouland Ethanol (70134). Midwest, Corn Ethanol, Dry Mill, NG	Nebraska	Corn	Ethanol	ETHC043	88.14	ETHC263L	75.27	3/31/2016	None	Ethanol	Siouland Ethanol, LLC (5026)	Siouland Ethanol (70134)	Midwest, Corn Ethanol, Dry Mill, NG	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1198	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697) Facility Name: Pacific Ethanol Stockton LLC (70319). Midwest Grain Sorghum, California Ethanol, Dry Mill, WDGS, NG	California	Sorghum	Ethanol	ETHG019	79.97	ETHG207L	76.14	3/31/2016	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Stockton LLC (70319)	Midwest Grain Sorghum, California Ethanol, Dry Mill, WDGS, NG	None	Retired
T1R-1252	Tier 1	2.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566) Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234). California Ethanol, Midwest Grain Sorghum, Dry Mill, WDGS, NG. With Lime Use in Fertilizer	California	Sorghum	Ethanol	ETHG021	79.60	ETHG209L	76.33	3/31/2016	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	California Ethanol, Midwest Grain Sorghum, Dry Mill, WDGS, NG. With Lime Use in Fertilizer	None	Retired
T1N-1217	Tier 1	2.0	Fuel Producer: Western Plains Energy, LLC (4740) Facility Name: Western Plains Energy, LLC (70030). Midwest, Corn Ethanol, Dry Mill, MDGS, DDGS, NG	Kansas	Corn	Ethanol	None	None	ETHC214	76.66	3/31/2016	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest, Corn Ethanol, Dry Mill, MDGS, DDGS, NG	None	Retired
T1N-1081	Tier 1	2.0	Fuel Producer: Little Sioux Corn Processors, LLLP (4728) Facility Name: LSCP, LLLP (70015). Midwest Corn, Ethanol, Dry Mill, 100 % DDGS, NG (Provisional)	Iowa	Corn	Ethanol	None	None	ETHC201	77.66	3/31/2016	None	Ethanol	Little Sioux Corn Processors, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Ethanol, Dry Mill, 100 % DDGS, NG (Provisional)	None	Retired
T1N-1222	Tier 1	2.0	Fuel Producer: Poet Biorefining Emmetsburg (4792) Facility Name: Poet Biorefining Emmetsburg (70021). Midwest, Corn, Mixed DGS, Ethanol, Dry Mill, NG	Iowa	Corn	Ethanol	None	None	ETHC215	77.98	3/31/2016	None	Ethanol	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest, Corn, Mixed DGS, Ethanol, Dry Mill, NG	None	Retired
T1N-1593	Tier 1	2.0	Fuel Producer: Western Plains Energy, LLC (4740) Facility Name: Western Plains Energy, LLC (70030). Midwest Sorghum, Ethanol, Dry Mill, DDGS, WDGS, NG	Kansas	Sorghum	Ethanol	None	None	ETHG215	78.55	11/2/2016	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Sorghum, Ethanol, Dry Mill, DDGS, WDGS, NG	None	Retired
T1N-1072	Tier 1	2.0	Fuel Producer: White Energy, Inc. (4745) Facility Name: WE Hereford, LLC (70037). Texas Sorghum , Ethanol, Dry Mill, 100% WDGS, NG	Texas	Sorghum	Ethanol	None	None	ETHG200	79.03	3/31/2016	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Texas Sorghum, Ethanol, Dry Mill, 100% WDGS, NG	None	Retired
T1R-1004	Tier 1	2.0	Fuel Producer: Arkalon Ethanol, LLC (5715) Facility Name: Arkalon Ethanol, LLC (70247). Midwest, Sorghum Ethanol, Dry Mill, NG	Kansas	Sorghum	Ethanol	ETHG004	76.22	ETHG204L	79.28	3/31/2016	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest, Sorghum Ethanol, Dry Mill, NG	None	Retired
T1N-1133	Tier 1	2.0	Fuel Producer: Pacific Ethanol West (3697) ; Facility Name: Pacific Ethanol Madera LLC (70061); Midwest Sorghum CA Ethanol, Dry Mill, DDGS, NG	California	Sorghum	Ethanol	ETHG203	80.51	ETHG203R	81.84	5/16/2018	None	Ethanol	Pacific Ethanol West (3697)	Pacific Ethanol Madera LLC (70061)	Midwest Sorghum CA Ethanol, Dry Mill, DDGS, NG	None	Retired
T1N-1499	Tier 1	2.0	Fuel Producer: POET Biorefining Mitchell (4789) Facility Name: Poet Biorefining Mitchell (70016). Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	South Dakota	Corn	Ethanol	None	None	ETHC230	81.74	3/31/2016	None	Ethanol	POET Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Ethanol, Dry Mill, 100% DDGS, NG	None	Retired
T1N-1151	Tier 1	2.0	Fuel Producer: Cornhusker Energy Lexington, LLC (7365) Facility Name: Lexington Ethanol Plant (70241). Midwest, Corn Ethanol, Dry Mill, 100% DDGS, WDGS, NG	Nebraska	Corn	Ethanol	None	None	ETHC209	85.58	3/31/2016	None	Ethanol	Cornhusker Energy Lexington, LLC (7365)	Lexington Ethanol Plant (70241)	Midwest, Corn Ethanol, Dry Mill, 100% DDGS, WDGS, NG	None	Retired
T2N-1137	Tier 2	2.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072) Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. Soybean, Fuel produced in Louisiana and transported to California	Louisiana	Soybean	Renewable Diesel	None	None	RDS200	53.86	3/21/2017	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from US Soybean, Fuel produced in Louisiana and transported to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1138	Tier 2	2.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. Used Cooking Oil, Fuel produced in Louisiana and transported to California	Louisiana	Used Cooking Oil	Renewable Diesel	None	None	RDU202	20.28	3/21/2017	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from US used Cooking Oil, Fuel produced in Louisiana and transported to California	None	Retired
T2N-1144	Tier 2	2.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. Corn Oil, Fuel produced in Louisiana and transported to California	Louisiana	Corn Oil	Renewable Diesel	None	None	RDC201	31.27	3/21/2017	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from US Corn Oil, Fuel produced in Louisiana and transported to California	None	Retired
T2R-1204	Tier 2	2.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. Used Cooking Oil, Fuel produced in Louisiana and transported to California	Louisiana	Used Cooking Oil	Renewable Diesel	RDU202	20.28	RDU202R1	19.73	6/23/2017	None	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from US Used Cooking Oil, Fuel produced in Louisiana and transported to California	None	Retired
T2R-1205	Tier 2	2.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Renewable Diesel produced from U.S. Tallow, Fuel produced in Louisiana and transported to California	Louisiana	Tallow	Renewable Diesel	RD204	30	RD204R1	30.79	6/23/2017	None	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Renewable Diesel produced from US Tallow, Fuel produced in Louisiana and transported to California	None	Retired
T1N-1572	Tier 1	2.0	Fuel Producer: Husker Ag LLC (5078); Facility Name: Husker Ag LLC (70151); Dry mill corn ethanol with co-production of DDGS and corn oil using natural gas and electricity power.	Nebraska	Corn	Ethanol	None	None	ETHC293	68.89	12/21/2017	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Dry mill corn ethanol with coproduction of DDGS and corn oil using natural gas and electricity power	None	Retired
T2N-1210	Tier 2	2.0	Fuel Producer: Siouland Energy Cooperative (4060); Facility Name: Siouland Energy Cooperative (70112); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using Edeciq process along with starch ethanol in Sioux Center, Iowa; Midwest Corn, Dry Mill, Wet DGS, Corn Oil, and Syrup; using natural gas and electricity; Ethanol transported by rail to California (Provisional)	Iowa	Corn Kernel Fiber	Ethanol	ETHCF201	29.93	ETHCF201R	42.17	11/29/2018	Pathway Details (PDF)	Ethanol - Cellulosic	Siouland Energy Cooperative (4060)	Siouland Energy Cooperative (70112)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using Edeciq process along with starch ethanol in Sioux Center, Iowa; Midwest Corn, Dry Mill, Wet DGS, Corn Oil, and Syrup; using natural gas and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1156	Tier 2	2.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Ameresco San Antonio Biogas (71204); Tier 2 Method 2B Pathway: Pipeline quality biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a POTW using grid-based electricity, and delivered to CNG dispensing stations in California via pipeline	Texas	Waste Water	CNG	None	None	CNGWW201	43.02	3/16/2018	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (6877)	Ameresco San Antonio Biogas (71204)	Tier 2 Method 2B Pathway Pipeline quality biomethane produced from the mesophilic anaerobic digestion of wastewater sludge at a POTW using gridbased electricity, and delivered to CNG dispensing stations in California via pipeline	None	Retired
T1N-1814	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978) ; Facility Name: Milam High Btu Gas Plant (71208); Waste Management's Milam landfill, St. Louis, Illinois gas to pipeline-quality biomethane; delivered via pipeline to WM fueling stations in California (Provisional)	Illinois	Landfill Gas	CNG	None	None	CNGLF270	62.72	6/1/2018	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Milam High Btu Gas Plant (71208)	Waste Management's Milam landfill, St Louis, Illinois gas to pipelinequality biomethane, delivered via pipeline to WM fueling stations in California (Provisional)	None	Retired
T1N-1815	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978) ; Facility Name: Milam High Btu Gas Plant (71208); Waste Management's Milam landfill, St. Louis, Illinois gas pipeline-quality biomethane; delivered via pipeline to liquifaction plant in Topock AZ, and transported by truck to WM fueling stations in California (Provisional)	Illinois	Landfill Gas	LNG	None	None	CNGLF228	76.13	6/1/2018	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Milam High Btu Gas Plant (71208)	Waste Management's Milam landfill, St Louis, Illinois gas pipelinequality biomethane; delivered via pipeline to liquifaction plant in Topock AZ, and transported by truck to WM fueling stations in California (Provisional)	None	Retired
T1N-1816	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978) ; Facility Name: Milam High Btu Gas Plant (71208); Waste Management's Milam landfill, St. Louis, Illinois gas to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; Re-gasified and compressed in California. (Provisional)	Illinois	Landfill Gas	CNG	None	None	CNGLF271	78.68	6/1/2018	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Milam High Btu Gas Plant (71208)	Waste Management's Milam landfill, St Louis, Illinois gas to pipelinequality biomethane, delivered via pipeline; liquefied to LNG in AZ; Regasified and compressed in California(Provisional)	None	Retired
T1N-1828	Tier 1	2.0	Fuel Producer: Husker Ag LLC (5078) ; Facility Name: Husker Ag LLC (70151); Midwest Corn, Ethanol, Dry Mill, NG, 100% DDGS, NG (Provisional)	Nebraska	Corn	Ethanol	None	None	ETHC295	74.03	7/9/2018	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest Corn, Ethanol, Dry Mill, NG, 100% DDGS, NG (Provisional)	None	Retired
T1N-1859	Tier 1	2.0	Fuel Producer: Kansas Ethanol, LLC ; Facility Name: Kansas Ethanol, LLC (70279); Midwest Corn, Ethanol, Dry Mill, NG, and grid electricity as process fuels, DDGS, WDGS, and corn oil as co-products (Provisional)	Kansas	Corn	Ethanol	None	None	ETHC299	67.83	8/27/2018	None	Ethanol	Kansas Ethanol, LLC (6810)	Kansas Ethanol, LLC (70279)	Midwest Corn, Ethanol, Dry Mill, NG, and grid electricity as process fuelsDDGS, WDGS, and corn oil as coproducts (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1235	Tier 2	2.0	Fuel Producer: Pacific Ethanol West LLC (3697); Facility Name: Pacific Ethanol Stockton LLC (70319); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn Kernel Fiber using Edeniq process along with starch ethanol in Stockton, California; using natural gas and electricity; Midwest Corn, Dry Mill, Wet and Modified DGS (Provisional)	California	Corn Kernel Fiber	Ethanol	None	None	ETHCF202	39.45	9/28/2018	Application Package	Ethanol - Cellulosic	Pacific Ethanol West LLC (3697)	Pacific Ethanol Stockton LLC (70319)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn Kernel Fiber using Edeniq process along with starch ethanol in Stockton, California; using natural gas and electricity; Midwest Corn, Dry Mill, Wet and Modified DGS (Provisional)	None	Retired
T2N-1252	Tier 2	2.0	Fuel Producer: Great Plains Ethanol (4727); Facility Name: Great Plains Ethanol, LLC (70012); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Chancellor, South Dakota; Midwest Corn, Dry Mill, Wet, Modified, and Dry DGS using natural gas, biomass, biogas, and electricity; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Kernel Fiber	Ethanol	None	None	ETHCF203	27.69	9/28/2018	Application Package	Ethanol - Cellulosic	Great Plains Ethanol (4727)	Great Plains Ethanol, LLC (70012)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Chancellor, South Dakota; Midwest Corn, Dry Mill, Wet, Modified, and Dry DGS using natural gas, biomass, biogas, and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1266	Tier 2	2.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Emmetsburg, Iowa; Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Ethanol transported by rail to California (Provisional)	Iowa	Corn Kernel Fiber	Ethanol	None	None	ETHCF204	35.39	9/28/2018	Application Package	Ethanol - Cellulosic	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Emmetsburg, Iowa; Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1153	Tier 2	2.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using Edeniq process along with starch ethanol in Marcus, Iowa; Midwest Corn, Dry Mill, Modified and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California	Iowa	Corn Kernel Fiber	Ethanol	ETHCF200	31.23	ETHCF200R	44.19	11/29/2018	Application Package	Ethanol - Cellulosic	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using Edeniq process along with starch ethanol in Marcus, Iowa; Midwest Corn, Dry Mill, Modified and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California	None	Retired
T2N-1258	Tier 2	2.0	Fuel Producer: POET Biorefining - Hudson (4701); Facility Name: Poet Biorefining Hudson (70022); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Hudson, South Dakota; Midwest Corn, Dry Mill, Wet and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Kernel Fiber	Ethanol	None	None	ETHCF205	36.92	12/4/2018	Application Package	Ethanol - Cellulosic	POET Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Hudson, South Dakota; Midwest Corn, Dry Mill, Wet and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1262	Tier 2	2.0	Fuel Producer: POET Biorefining - Gowrie (4784); Facility Name: POET Biorefining - Gowrie (70033); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Gowrie, Iowa; Midwest Corn, Dry Mill, Wet and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California (Provisional)	Iowa	Corn Kernel Fiber	Ethanol	None	None	ETHCF209	34.30	12/4/2018	Application Package	Ethanol - Cellulosic	POET Biorefining Gowrie (4784)	POET Biorefining Gowrie (70033)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Gowrie, Iowa; Midwest Corn, Dry Mill, Wet and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1261	Tier 2	2.0	Fuel Producer: POET Biorefining - Grotton (4793); Facility Name: POET Biorefining - Grotton (70013); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Grotton, South Dakota; Midwest Corn, Dry Mill, Wet and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Kernel Fiber	Ethanol	None	None	ETHCF208	34.79	12/4/2018	Application Package	Ethanol - Cellulosic	POET Biorefining Grotton (4793)	POET Biorefining Grotton (70013)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Grotton, South Dakota; Midwest Corn, Dry Mill, Wet and Dry DGS, corn oil, and syrup using natural gas and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1260	Tier 2	2.0	Fuel Producer: POET Biorefining - Mitchell (4789); Facility Name: Poet Biorefining Mitchell (70016); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Mitchell, South Dakota; Midwest Corn, Dry Mill, Wet, Dry DGS, corn oil, and syrup using natural gas, and electricity; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Kernel Fiber	Ethanol	None	None	ETHCF207	35.67	12/4/2018	Application Package	Ethanol - Cellulosic	POET Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn kernel fiber using BPX process along with starch ethanol in Mitchell, South Dakota; Midwest Corn, Dry Mill, Wet, Dry DGS, corn oil, and syrup using natural gas, and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1263	Tier 2	2.0	Fuel Producer: Mid America Agri Products/Wheatland, LLC (6095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Tier 2 Method 2B Pathway: Cellulosic ethanol produced from Corn Kernel Fiber using Edeniq process along with starch ethanol in Madrid, Nebraska; using natural gas and electricity; Midwest Corn, Dry Mill, Wet DGS and Corn Oil; Ethanol transported by rail to California (Provisional)	Nebraska	Corn	Ethanol	None	None	ETHC311	38.12	12/18/2018	Application Package	Ethanol	Mid America Agri Products/Wheatland, LLC (6095)	Mid America Agri Products/Wheatland LLC (70153)	Tier 2 Method 2B Pathway Cellulosic ethanol produced from Corn Kernel Fiber using Edeniq process along with starch ethanol in Madrid, Nebraska; using natural gas and electricity; Midwest Corn, Dry Mill, Wet DGS and Corn Oil; Ethanol transported by rail to California (Provisional)	None	Retired
T1N-1870	Tier 1	2.0	Fuel Producer: Pinal Energy LLC (4744); Facility Name: Pinal Energy LLC (70136); Midwest Corn, Dry Mill, Wet and Dry DGS, Corn Oil, Syrup; Starch ethanol produced from corn using Edeniq process in Maricopa, Arizona; using natural gas and electricity; Ethanol transported by rail to California (Provisional)	Arizona	Corn	Ethanol	None	None	ETHC314	74.77	12/21/2018	None	Ethanol	Pinal Energy LLC (4744)	Pinal Energy LLC (70136)	Midwest Corn, Dry Mill, Wet and Dry DGS, Corn Oil, Syrup; Starch ethanol produced from corn using Edeniq process in Maricopa, Arizona; using natural gas and electricity; Ethanol transported by rail to California (Provisional)	None	Retired
T2N-1279	Tier 2	2.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354); Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317); Tier 2 Method 2B Pathway: Corn starch ethanol produced in Pixley, California; using natural gas, dairy biomethane, and electricity; Midwest corn, dry mill, wet DGS (Provisional)	California	Corn	Ethanol	None	None	ETHC316	63.01	12/31/2018	Application Package	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Tier 2 Method 2B Pathway Corn starch ethanol produced in Pixley, California; using natural gas, dairy biomethane, and electricity; Midwest corn, dry mill, wet DGS (Provisional)	None	Retired
T2N-1290	Tier 2	2.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Tier 2 Method 2B Application: Renewable Diesel produced from North American Tallow, in Paramount, California (Provisional)	California	Tallow & Animal Fat	Renewable Diesel	None	None	RDT209	38.75	1/16/2019	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Tier 2 Method 2B ApplicationRenewable Diesel produced from North American Tallow, in Paramount, California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T2N-1287	Tier 2	2.0	Fuel Producer: AltAir Paramount, LLC (6281) ; Facility Name: AltAir Paramount, LLC (63180); Tier 2 Method 2B Application: Renewable Naphtha produced from North American Tallow, Naphtha produced in Paramount, California (Provisional)	California	Tallow & Animal Fat	Renewable Naphtha	None	None	RNWN200	39.75	3/14/2019	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Tier 2 Method 2B ApplicationRenewable Naphtha produced from North American Tallow, Naphtha produced in Paramount, California (Provisional)	None	Retired
T1N-1805	Tier 1	2.0	Fuel Producer: Pacific Ethanol Holding Co LLC (3697); Facility Name: Pacific Ethanol Madera LLC (70061); Dry mill corn ethanol with co-production of WDGs, DDGS, corn oil, and syrup using natural gas and electricity power	California	Corn	Ethanol	ETHC290	69.81	ETHC290R	69.94	12/18/2019	None	Ethanol	Pacific Ethanol Holding Co LLC (3697)	Pacific Ethanol Madera LLC (70061)	Dry mill corn ethanol with co-production of WDGs, DDGS, corn oil, and syrup using natural gas and electricity power	None	Retired
T1N-1870	Tier 1	2.0	Fuel Producer: Pinal Energy LLC (4744); Facility Name: Pinal Energy LLC (70136); Midwest Corn, Dry Mill, Wet and Dry DGS, Corn Oil, Syrup; Starch ethanol produced from corn using Edeniq process in Maricopa, Arizona; using natural gas and electricity; Ethanol transported by rail to California	Arizona	Corn	Ethanol	ETHC314	74.77	ETHC314R	75.62	12/18/2019	None	Ethanol	Pinal Energy LLC (4744)	Pinal Energy LLC (70136)	Midwest Corn, Dry Mill, Wet and Dry DGS, Corn Oil, Syrup; Starch ethanol produced from corn using Edeniq process in Maricopa, Arizona; using natural gas and electricity; Ethanol transported by rail to California	None	Retired
T1N-1869	Tier 1	2.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC (70098); Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	Nebraska	Corn	Ethanol	ETHC302	66.74	ETHC302R	68.86	12/18/2019	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC (70098)	Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	None	Retired
T1N-1868	Tier 1	2.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC (70098); Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	Nebraska	Corn	Ethanol	ETHC303	78.68	ETHC303R	79.25	12/18/2019	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC (70098)	Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	None	Retired
T1N-1874	Tier 1	2.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727) ; Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill, Wet, Modified, and Dry DGS using natural gas, biomass, biogas, and electricity; Starch ethanol produced from Corn using BPX process in Chancellor, South Dakota; Ethanol transported by rail to California	South Dakota	Corn	Ethanol	ETHC300	69.04	ETHC300R	69.07	12/18/2019	None	Ethanol	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill, Wet, Modified, and Dry DGS using natural gas, biomass, biogas, and electricity; Starch ethanol produced from Corn using BPX process in Chancellor, South Dakota; Ethanol transported by rail to California	None	Retired
T1N-1895	Tier 1	2.0	Fuel Producer: E Energy Adams, LLC (4831) ; Facility Name: E energy Adams, LLC (70093); Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Adams, Nebraska; Ethanol transported by rail to California	Nebraska	Corn	Ethanol	ETHC310	70.76	ETHC310R	71.08	12/18/2019	None	Ethanol	E Energy Adams, LLC (4831)	E energy Adams, LLC (70093)	Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Adams, Nebraska; Ethanol transported by rail to California	None	Retired
B003201	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: LAX Station (L0324); Gaseous Hydrogen from landfill gas from onsite SMR at the LAX station and dispensed in vehicles	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025B00320100	158.25	1/13/2020	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	LAX Station (L0324)	Gaseous Hydrogen from landfill gas from onsite SMR at the LAX station and dispensed in vehicles	None	Retired
B003202	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: LAX Station (L0324); Gaseous Hydrogen from NA fossil natural gas from onsite SMR at the LAX station and dispensed in vehicles	California	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031B00320200	176.43	1/13/2020	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	LAX Station (L0324)	Gaseous Hydrogen from NA fossil natural gas from onsite SMR at the LAX station and dispensed in vehicles	None	Retired
T1N-1785	Tier 1	2.0	Fuel Producer: Homeland Energy Solutions LLC (3220) ; Facility Name: Homeland Energy Solutions LLC (70188); Dry mill corn ethanol with co-production of DDGS, MDGS, and corn oil using natural gas and electricity power	Iowa	Corn	Ethanol	ETHC292R	74.42	ETHC292R1	74.18	1/16/2020	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Dry mill corn ethanol with co-production of DDGS, MDGS, and corn oil using natural gas and electricity power	None	Retired
T1N-1869	Tier 1	2.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC (70098); Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	Nebraska	Corn	Ethanol	ETHC302R	68.86	ETHC302R1	66.94	1/16/2020	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC (70098)	Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	None	Retired
T1N-1868	Tier 1	2.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC (70098); Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	Nebraska	Corn	Ethanol	ETHC303R	79.25	ETHC303R1	79.21	1/16/2020	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC (70098)	Midwest Corn, Dry Mill, Wet and Dry DGS, and corn oil using natural gas and electricity; Starch ethanol produced from Corn in Ravenna, Nebraska; Ethanol transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B001801	Tier 2	3.0	Fuel Producer: BP Products North America, Inc (4320); Facility Name: Cherry Point Refinery (83736); U.S. and Canadian sourced Rendered Animal Fat Oil transported by truck; Grid Electricity, Steam, and Hydrogen; Renewable Diesel produced from co-processing with petroleum feedstock in a hydrotreater in Blaine, Washington; transported by ocean tanker to CA (Provisional)	Washington	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B00180100	26.92	12/6/2019	Application Package	Renewable Diesel	BP Products North America, Inc (4320)	Cherry Point Refinery (83736)	U.S. and Canadian sourced Rendered Animal Fat Oil transported by truck; Grid Electricity, Steam, and Hydrogen; Renewable Diesel produced from co-processing with petroleum feedstock in a hydrotreater in Blaine, Washington; transported by ocean tanker to CA (Provisional)	None	Retired
B003601	Tier 2	3.0	Fuel Producer: HIGH MOUNTAIN FUELS LLC (4293); Facility Name: Facility Name: Praxair Ontario (F00084); Gaseous Hydrogen from Altamont landfill gas-derived biomethane liquefied and trucked from Livermore, CA to Ontario, CA; used as feedstock for hydrogen by SMR, distributed via tube trailer to stations in California (Provisional)	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025B00360100	76.71	1/21/2020	Application Package	Hydrogen	HIGH MOUNTAIN FUELS LLC (4293)	Facility Name: Praxair Ontario (F00084)	Gaseous Hydrogen from Altamont landfill gas-derived biomethane liquefied and trucked from Livermore, CA to Ontario, CA; used as feedstock for hydrogen by SMR, distributed via tube trailer to stations in California (Provisional)	None	Retired
B003602	Tier 2	3.0	Fuel Producer: HIGH MOUNTAIN FUELS LLC (4293); Facility Name: Praxair Ontario (F00084); Liquefied Hydrogen from liquefied landfill gas at the landfill, transported by an SMR, gasified at a transfill, and dispensed in vehicles (Provisional)	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B00360200	96.41	1/21/2020	Application Package	Hydrogen	HIGH MOUNTAIN FUELS LLC (4293)	Praxair Ontario (F00084)	Liquefied Hydrogen from liquefied landfill gas at the landfill, transported to an SMR, gasified at a transfill, and dispensed in vehicles (Provisional)	None	Retired
B004801	Tier 2	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Sacramento Hydrogen Plant (F00102); Liquefied hydrogen from landfill gas at Air Products & Chemicals Inc., Sacramento, CA transported as liquid to transfill station in Santa Clara, CA and transported as gaseous hydrogen to fueling stations in CA	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025B00480100	138.90	1/29/2020	Application Package	Hydrogen	Shell Energy North America (6154)	Sacramento Hydrogen Plant (F00102)	Liquefied hydrogen from landfill gas at Air Products & Chemicals Inc., Sacramento, CA transported as liquid to transfill station in Santa Clara, CA and transported as gaseous hydrogen to fueling stations in CA	None	Retired
B000901	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Locust Ridge Farm (71298); Renewable Natural Gas (RNG) sourced from Swine Manure of Locust Farms, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B00090100	-323.83	1/31/2020	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Locust Ridge Farm (71298)	Renewable Natural Gas (RNG) sourced from Swine Manure of Locust Farms, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California (Provisional)	None	Retired
B000902	Tier 2	3.0	Fuel Producer: Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Locust Ridge Farm (71298); Renewable Natural Gas (RNG) sourced from Swine Manure of Locust Ridge Farms, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, AZ delivered by truck to and re-gasified in CA (Provisional)	Missouri	Swine Manure (044)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN044B00090200	-308.93	1/31/2020	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Locust Ridge Farm (71298)	Renewable Natural Gas (RNG) sourced from Swine Manure of Locust Ridge Farms, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, AZ delivered by truck to and re-gasified in CA (Provisional)	None	Retired
B000903	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Locust Ridge Farm (71298); Liquefied Natural Gas (LNG) from Swine Manure of Locust Ridge Farm, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, Arizona; delivered by truck to California (Provisional)	Missouri	Swine Manure (044)	Liquefied Natural Gas (LNG)	None	None	LNG044B00090300	-312.47	12/31/2019	Application Package	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Locust Ridge Farm (71298)	Liquefied Natural Gas (LNG) from Swine Manure of Locust Ridge Farm, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, Arizona; delivered by truck to California (Provisional)	None	Retired
B001001	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Valley View Farm (70021S); Renewable Natural Gas (RNG) sourced from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B00100100	-345.68	1/31/2020	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Valley View Farm (70021S)	Renewable Natural Gas (RNG) sourced from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California (Provisional)	None	Retired
B001002	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Valley View Farm (70021S); Renewable Natural Gas (RNG) sourced from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, Arizona; delivered by truck to California (Provisional)	Missouri	Swine Manure (044)	Liquefied Natural Gas (LNG)	None	None	LNG044B00100200	-334.41	1/31/2020	Application Package	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Valley View Farm (70021S)	Renewable Natural Gas (RNG) sourced from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, Arizona; delivered by truck to California (Provisional)	None	Retired
B001003	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Valley View Farm (70021S); Renewable Natural Gas (RNG) sourced from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, AZ; delivered by truck to and re-gasified in CA (Provisional)	Missouri	Swine Manure (044)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN044B00100300	-330.87	1/31/2020	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Valley View Farm (70021S)	Renewable Natural Gas (RNG) sourced from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to liquefaction facility in Topock, AZ; delivered by truck to and re-gasified in CA (Provisional)	None	Retired
None	Lookup Table	3.0	California grid electricity used as a transportation fuel in California	California	Grid Electricity (039)	Electricity (ELC)	None	None	ELC000L00072020	82.92	NA	None	Electricity	NA	NA	California grid electricity used as a transportation fuel in California	None	Retired
T1R-1119	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: Complexe Enviro Progressive Itee (71198); Quebec LFG to LNG then to L-CNG	California	Landfill Gas	CNG	CNGLF211LR	44.05	CNGLF211LR1	44.07	3/30/2020	None	Bio-CNG	Clean Energy (5481)	Complexe Enviro Progressive Itee (71198)	Quebec LFG to LNG then to L-CNG	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1R-1120	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: Complexo Enviro Progressive Itee (71198); Quebec LFG to CNG for California CNG stations	California	Landfill Gas	CNG	CNGLF212L	31.96	CNGLF212LR	31.98	3/30/2020	None	Bio-CNG	Clean Energy (5481)	Complexo Enviro Progressive Itee (71198)	Quebec LFG to CNG for California CNG stations	None	Retired
T1R-1121	Tier 1	2.0	Fuel Producer: Clean Energy (5481); Facility Name: Complexo Enviro Progressive Itee (71198); Quebec LFG to LNG facility in Boron for use in California	California	Landfill Gas	LNG	LNGLF207LR	41.44	LNGLF207LR1	41.46	3/30/2020	None	Bio-LNG	Clean Energy (5481)	Complexo Enviro Progressive Itee (71198)	Quebec LFG to LNG facility in Boron for use in California	None	Retired
T2N-1154	Tier 2	2.0	Fuel Producer: Biodico Westside (6231); Facility Name: Biodico Plant (83027); California Used Cooking Oil, Biodiesel produced in Five Points, California.	California	Used Cooking Oil (UCO)	Biodiesel	BDU229	14.97	BDU229R	25.91	4/2/2020	Application Package	Biodiesel	Biodico Westside (6231)	Biodico Plant (83027)	California Used Cooking Oil, Biodiesel produced in Five Points, California.	None	Retired
T1N-1572	Tier 1	2.0	Fuel Producer: Husker Ag LLC (5078); Facility Name: Husker Ag LLC (70151); Dry mill corn ethanol with co-production of MDGS and corn oil using natural gas and electricity power.	Nebraska	Corn	Ethanol	ETHC293	68.89	ETHC293R	69.02	4/2/2020	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Dry mill corn ethanol with co-production of MDGS and corn oil using natural gas and electricity power.	None	Retired
T1N-1811	Tier 1	2.0	Fuel Producer: Fuel Producer: San Diego Metropolitan Transit Center (S304) ; Facility Name: Facility Name: EBI Energie In (71254); EBI landfill gas in Saint-Thomas, Quebec to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	California	Landfill Gas	CNG	CNGLF277	32.28	CNGLF277R	37.39	4/2/2020	None	Bio-CNG	San Diego Metropolitan Transit Center (5304)	EBI Energie In (71254)	EBI landfill gas in Saint-Thomas, Quebec to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	None	Retired
T1N-1859	Tier 1	2.0	Fuel Producer: Kansas Ethanol, LLC ; Facility Name: Kansas Ethanol, LLC (70279); Midwest Corn, Ethanol, Dry Mill, NG, and grid electricity as process fuels, DDGS, WDGS, and corn oil as co-products	Kansas	Corn	Ethanol	ETHC299	67.83	ETHC299R	68.72	4/2/2020	None	Ethanol	Kansas Ethanol, LLC	Kansas Ethanol, LLC (70279)	Midwest Corn, Ethanol, Dry Mill, NG, and grid electricity as process fuels, DDGS, WDGS, and corn oil as co-products	None	Retired
T2N-1287	Tier 2	2.0	Fuel Producer: AltAir Paramount, LLC (6281) ; Facility Name: AltAir Paramount, LLC (83180); Tier 2 Method 2B Application: Renewable Naphtha produced from North American Tallow, Naphtha produced in Paramount, California	California	Tallow & Animal Fat	Renewable Naphtha	RNWN200	39.75	RNWN200R	43.14	4/2/2020	Application Package	Renewable Gasoline	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Tier 2 Method 2B Application: Renewable Naphtha produced from North American Tallow, Naphtha produced in Paramount, California	None	Retired
T2N-1290	Tier 2	2.0	Fuel Producer: AltAir Paramount, LLC (6281) ; Facility Name: AltAir Paramount, LLC (83180); Tier 2 Method 2B Application: Renewable Diesel produced from North American Tallow, in Paramount, California	California	Tallow & Animal Fat	Renewable Diesel	RDT209	38.75	RDT209R	39.91	4/2/2020	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Tier 2 Method 2B Application: Renewable Diesel produced from North American Tallow, in Paramount, California	None	Retired
A021201	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO; Ethanol transported by rail to California (Provisional)	Missouri	Corn (009)	Ethanol (ETH)	None	None	ETH009A02120100	75.09	4/28/2020	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO; Ethanol transported by rail to California (Provisional)	None	Retired
A021202	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO ; Ethanol transported by rail to California (Provisional)	Missouri	Corn (009)	Ethanol (ETH)	None	None	ETH009A02120200	65.67	4/28/2020	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO ; Ethanol transported by rail to California (Provisional)	None	Retired
A021203	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788) ; Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Fiber ethanol produced using BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Macon, MO; Ethanol transported by rail to California (Provisional)	Missouri	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A02120300	26.19	4/28/2020	None	Ethanol - Cellulosic	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Fiber ethanol produced using BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Macon, MO; Ethanol transported by rail to California (Provisional)	None	Retired
T1N-1384	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average North American Sourced Used Cooking Oil (energy required to render) to Biodiesel Produced in California	Bakersfield, California	North American Used Cooking Oil	Biodiesel	BDU203	18.18	BDU203R	18.31	6/9/2020	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average North American Sourced Used Cooking Oil (energy required to render)to Biodiesel Produced in California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
T1N-1386	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average U.S. Sourced Tallow to Biodiesel Produced in California	Bakersfield, California	North American Tallow	Biodiesel	BDT203	30.60	BDT203R	31.39	6/9/2020	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average US Sourced Tallow to Biodiesel Produced in California	None	Retired
T1N-1389	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average California Sourced Tallow to Biodiesel Produced in California	Bakersfield, California	California Tallow	Biodiesel	BDT204	28.45	BDT204R	28.92	6/9/2020	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average California Sourced Tallow to Biodiesel Produced in California	None	Retired
T2N-1107	Tier 2	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average North American Sourced Used Cooking Oil (energy not required to render) to Biodiesel Produced in California	Bakersfield, California	Used Cooking Oil	Biodiesel	BDU204	13.93	BDU204R	14.70	6/9/2020	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average North American Sourced Used Cooking Oil (energy not required to render) to Biodiesel Produced in California	None	Retired
T1N-1800	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) ; Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average California sourced Used Cooking Oil (UCO) to Biodiesel produced in California	California	Used Cooking Oil	Biodiesel	BDU233	18.16	BDU233R	18.22	6/9/2020	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average California sourced Used Cooking Oil (UCO) to Biodiesel produced in California	None	Retired
A022801	Tier 1	3.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174); Facility Name: Apex LFG Energy (F00034); Biomethane from Landfill at Amsterdam, OH; Upgrading at Apex LFG Energy; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck and dispensed at LNG Stations in California (Provisional)	Arizona	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02280100	77.65	6/16/2020	None	Bio-LNG	Applied Natural Gas Fuels, Inc. (6174)	Apex LFG Energy (F00034)	Biomethane from Landfill at Amsterdam, OH; Upgrading at Apex LFG Energy; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck and dispensed at LNG Stations in California (Provisional)	None	Retired
A022802	Tier 1	3.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174); Facility Name: Apex LFG Energy (F00034); Biomethane from Landfill at Amsterdam, OH; Upgrading at Apex LFG Energy; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck to California; Regasified and compressed to LCNG and dispensed at CNG Stations in CA (Provisional)	Arizona	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02280200	80.74	6/16/2020	None	Bio-CNG	Applied Natural Gas Fuels, Inc. (6174)	Apex LFG Energy (F00034)	Biomethane from Landfill at Amsterdam, OH; Upgrading at Apex LFG Energy; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck to California; Regasified and compressed to LCNG and dispensed at CNG Stations in CA (Provisional)	None	Retired
A022701	Tier 1	3.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174); Facility Name: Timberline Energy, LLC (F00028); Biomethane from Landfill at Oklahoma City, OK; upgrading at Oklahoma, OK; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck and dispensed at LNG Stations in California (Provisional)	Arizona	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02270100	63.13	6/16/2020	None	Bio-LNG	Applied Natural Gas Fuels, Inc. (6174)	Timberline Energy, LLC (F00028)	Biomethane from Landfill at Oklahoma City, OK; upgrading at Oklahoma, OK; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck and dispensed at LNG Stations in California (Provisional)	None	Retired
A022702	Tier 1	3.0	Fuel Producer: Applied Natural Gas Fuels, Inc. (6174) ; Facility Name: Timberline Energy, LLC (F00028); Biomethane from Landfill at Oklahoma City, OK; upgrading at Oklahoma, OK; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck to California; Regasified and compressed to LCNG and dispensed at CNG Stations in CA (Provisional)	Arizona	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02270200	66.21	6/16/2020	None	Bio-CNG	Applied Natural Gas Fuels, Inc. (6174)	Timberline Energy, LLC (F00028)	Biomethane from Landfill at Oklahoma City, OK; upgrading at Oklahoma, OK; Pipelined to ANGf in Topock, AZ for liquefaction to LNG; Delivered by truck to California; Regasified and compressed to LCNG and dispensed at CNG Stations in California (Provisional)	None	Retired
A021802	Tier 1	3.0	Fuel Producer: PUBLIC UTILITY DISTRICT NO. 1 OF KICKITAT COUNTY (2080); Facility Name: H.W. HILL RENEWABLE NATURAL GAS PROJECT (70301); Biomethane from Landfill in Roosevelt, Washington; upgrading at Public Utility District No. 1 of Klickitat County; pipelined to LNG Boron Plant, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Washington	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02180200	50.02	6/22/2020	None	Bio-LNG	PUBLIC UTILITY DISTRICT NO. 1 OF KICKITAT COUNTY (2080)	H.W. HILL RENEWABLE NATURAL GAS PROJECT (70301)	Biomethane from Landfill in Roosevelt, Washington; upgrading at Public Utility District No. 1 of Klickitat County, pipelined to LNG Boron Plant, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A021803	Tier 1	3.0	Fuel Producer: PUBLIC UTILITY DISTRICT NO. 1 OF KICKITAT COUNTY (2080); Facility Name: H.W. HILL RENEWABLE NATURAL GAS PROJECT (70301); Biomethane from Landfill in Roosevelt, Washington; upgrading at Public Utility District No. 1 of Klickitat County; pipelined to LNG Boron Plant, California for liquefaction to LNG; trucked to California LNG stations; regasified, and compressed to L-CNG (Provisional)	Washington	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02180300	53.11	6/22/2020	None	Bio-CNG	PUBLIC UTILITY DISTRICT NO. 1 OF KICKITAT COUNTY (2080)	H.W. HILL RENEWABLE NATURAL GAS PROJECT (70301)	Biomethane from Landfill in Roosevelt, Washington; upgrading at Public Utility District No. 1 of Klickitat County, pipelined to LNG Boron Plant, California for liquefaction to LNG; trucked to California LNG stations; regasified, and compressed to L-CNG (Provisional)	None	Retired
A021901	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgrading at EBI Energie Inc. pipelined to California for compression to CNG (Provisional)	Canada	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02190100	38.64	6/22/2020	None	Bio-CNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgrading at EBI Energie Inc in Quebec, Canada; pipelined to California for compression to CNG (Provisional)	None	Retired
A021902	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada and pipelined to Boron California for liquefaction to LNG; trucked to California LNG stations California by pipeline, liquefied in California (Provisional)	Canada	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02190200	51.69	6/22/2020	None	Bio-LNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada and pipelined to Boron California for liquefaction to LNG; trucked to California LNG stations by pipeline, liquefied in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A021903	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada; pipelined to Boron California for liquefaction to LNG; trucked to California; regasified and compressed to L-CNG (Provisional)	Canada	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02190300	54.77	6/22/2020	None	Bio-CNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada; pipelined to Boron California for liquefaction to LNG; trucked to California; regasified and compressed to L-CNG (Provisional)	None	Retired
A021301	Tier 1	3.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727); Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill; Dry DGS, Modified, and Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity, Biomethane, and Biomass; Starch Ethanol produced in Chancellor, SD; Ethanol transported by rail to California, Composite CI (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00070100	65.21	ETH009A02130100	61.55	6/22/2020	None	Ethanol	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill; Dry DGS, Modified, and Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity, Biomethane, and Biomass; Starch Ethanol produced in Chancellor, SD; Ethanol transported by rail to California, Composite CI (Provisional)	None	Retired
A021302	Tier 1	3.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727); Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity, Biomethane, Biomass; Fiber Ethanol produced in Chancellor, South Dakota; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00070200	25.06	ETH012A02130200	21.31	6/22/2020	None	Ethanol - Cellulosic	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity, Biomethane, Biomass; Fiber Ethanol produced in Chancellor, South Dakota; Ethanol transported by rail to California (Provisional)	None	Retired
A019801	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minden, Nebraska and transported by rail to California, Composite CI (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00090100	61.48	ETH009A01980100	61.26	6/24/2020	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minden, Nebraska and transported by rail to California, Composite CI (Provisional)	None	Retired
A019802	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill; Soliton Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minden Nebraska and transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A01980200	23.46	6/24/2020	None	Ethanol - Cellulosic	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill; Soliton Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minden Nebraska and transported by rail to California (Provisional)	None	Retired
A020901	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A01370100	72.86	ETH009A02090100	73.74	6/24/2020	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	None	Retired
A020902	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A01370200	69.05	ETH009A02090200	70.47	6/24/2020	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	None	Retired
A020903	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A01370300	65.76	ETH009A02090300	66.86	6/24/2020	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	None	Retired
A020904	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A02090400	27.48	6/24/2020	None	Ethanol - Cellulosic	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California (Provisional)	None	Retired
A022401	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01120100	68.75	ETH009A02240100	69.32	6/24/2020	None	Ethanol	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A022402	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01120300	65.90	ETH009A02240200	66.23	6/24/2020	None	Ethanol	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A022403	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A02240300	63.27	6/24/2020	None	Ethanol	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A022404	Tier 1	3.0	Fuel Producer: LSCP, LLLP (4728); Facility Name: LSCP, LLLP (70015); Midwest Corn, Dry Mill; Fiber ethanol from Edinq Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A01120200	30.06	ETH012A02240400	23.96	6/24/2020	None	Ethanol - Cellulosic	LSCP, LLLP (4728)	LSCP, LLLP (70015)	Midwest Corn, Dry Mill; Fiber ethanol from Edinq Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A020001	Tier 1	3.0	Fuel Producer: GHI Energy, LLC (6156); Facility Name: Waste Management American Landfill (70421); Biomethane from WM American Landfill in Waynesburg, Ohio; Upgrading at the co-located upgrading facility; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel. (Provisional)	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF264	43.97	CNG025A02000100	40.13	6/29/2020	None	Bio-CNG	GHI Energy, LLC (6156)	Waste Management American Landfill (70421)	Biomethane from WM American Landfill in Waynesburg, Ohio; Upgrading at the co-located upgrading facility; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel. (Provisional)	None	Retired
B010001	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Rendered Animal Fat Oil from Greely, Colorado transported by rail to AltAir Paramount plant in Paramount California for Alternative Jet Fuel production (Provisional)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B01000100	23.93	6/29/2020	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Rendered Animal Fat Oil from Greely, Colorado transported by rail to AltAir Paramount plant in Paramount California for Alternative Jet Fuel production (Provisional)	None	Retired
B010002	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Rendered Animal Fat Oil from Greely, Colorado transported by rail to AltAir Paramount plant in Paramount, California for Renewable Diesel production (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01000200	23.93	6/29/2020	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Rendered Animal Fat Oil from Greely, Colorado transported by rail to AltAir Paramount plant in Paramount, California for Renewable Diesel production (Provisional)	None	Retired
B010003	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Rendered Animal Fat Oil from Greely, Colorado transported by rail to AltAir Paramount plant in Paramount, California for Renewable Naphtha production (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01000300	23.93	6/29/2020	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Rendered Animal Fat Oil from Greely, Colorado transported by train to AltAir Paramount plant in Paramount, California for Renewable Naphtha production (Provisional)	None	Retired
B005901	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: ABEC Bidart-Old River LLC (F00113); Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B00590100	-558.62	6/30/2020	Application Package	Electricity	California Bioenergy LLC (B194)	ABEC Bidart-Old River LLC (F00113)	Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	None	Retired
B008901	Tier 2	3.0	Fuel Producer: Gallo Cattle Company, LP (C1029); Facility Name: Cottonwood Dairy (F00094); Low-CI electricity from dairy manure and cheese wastewater biogas, using reciprocating engine at Cottonwood Dairy in Atwater, California for use as transportation fuel in California. (Provisional)	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B00890100	-108.43	6/30/2020	Application Package	Electricity	Gallo Cattle Company, LP (C1029)	Cottonwood Dairy (F00094)	Low-CI electricity from dairy manure and cheese wastewater biogas, using reciprocating engine at Cottonwood Dairy in Atwater, California for use as transportation fuel in California. (Provisional)	None	Retired
B009801	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure of Circle A digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00980100	-355.35	6/30/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure of Circle A digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California (Provisional)	None	Retired
B009802	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure of Robert Vander Eyk & Sons Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00980200	-377.83	6/30/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure of Robert Vander Eyk & Sons Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (Provisional)	None	Retired
B009805	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure at J&J Vanderpoel Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00980500	-368.04	6/30/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure at J&J Vanderpoel Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (Provisional)	None	Retired
B009806	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure at J&J Vanderpoel Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00980600	-374.10	6/30/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure at J&J Vanderpoel Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (Provisional)	None	Retired
A021701	Tier 1	3.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169); Facility Name: Hankinson Renewable Energy, LLC (70288); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California. (Provisional)	North Dakota	Corn (009)	Ethanol (ETH)	ETHC287	75.23	ETH009A02170100	69.84	7/27/2020	None	Ethanol	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California. (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A021702	Tier 1	3.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169); Facility Name: Hankinson Renewable Energy, LLC (70288); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California. (Provisional)	North Dakota	Corn (009)	Ethanol (ETH)	ETHC287	75.23	ETH009A02170200	66.96	7/27/2020	None	Ethanol	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	MMidwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California. (Provisional)	None	Retired
A021703	Tier 1	3.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169); Facility Name: Hankinson Renewable Energy, LLC (70288); Midwest Corn, Dry Mill; Fiber ethanol Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California. (Provisional)	North Dakota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A02170300	25.72	7/27/2020	None	Ethanol - Cellulosic	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	Midwest Corn, Dry Mill; Fiber ethanol Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California. (Provisional)	None	Retired
A023201	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Renovar Arlington, LTD RNG Project (70501); Biomethane from Landfill at Euless, TX 76040; Upgrading at US Gain; Pipelined to California for compression to CNG. (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02320100	43.15	7/24/2020	None	Bio-CNG	U.S. Venture, Inc. (5504)	Renovar Arlington, LTD RNG Project (70501)	Biomethane from Landfill at Euless, TX 76040; Upgrading at US Gain; Pipelined to California for compression to CNG. (Provisional)	None	Retired
A023301	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill in Lawrence, KS; upgrading at Renewable Power Producers, LLC; pipelined to California for compression to CNG (Provisional)	Kansas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02330100	45.91	7/24/2020	None	Bio-CNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill in Lawrence, KS; upgrading at Renewable Power Producers, LLC; pipelined to California for compression to CNG (Provisional)	None	Retired
A023805	Tier 1	3.0	Fuel Producer: BioX Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); Sanimax (Quebec City) Sourced Rendered Animal Fat (Tallow Oil) transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	Canada	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A02380500	36.98	7/24/2020	None	Biodiesel	BioX Canada Limited (3758)	BIOX Canada Limited (80236)	Sanimax (Quebec City) Sourced Rendered Animal Fat (Tallow Oil) transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	None	Retired
A023808	Tier 1	3.0	Fuel Producer: BioX Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); Sanimax (Hamilton) Sourced Used Cooking Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	Canada	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A02380800	22.81	7/24/2020	None	Biodiesel	BioX Canada Limited (3758)	BIOX Canada Limited (80236)	Sanimax (Hamilton) Sourced Used Cooking Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	None	Retired
A024901	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Huron Energy, LLC (70722); Midwest Corn, Dry Mill; Dry DGS DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	None	None	ETH009A02490100	74.54	7/24/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	Huron Energy, LLC (70722)	Midwest Corn, Dry Mill; Dry DGS DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI (Provisional)	None	Retired
A024902	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Huron Energy, LLC (70722); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	None	None	ETH009A02490200	67.28	7/24/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	Huron Energy, LLC (70722)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI (Provisional)	None	Retired
T1R-1184	Tier 1	2.0	Fuel Producer: BP Biofuels (4427) ; Facility Name: Ituiutaba Bioenergia Ltda (71006); Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	Brazil	Sugarcane (018)	Ethanol	ETHS204L	38.98	ETHS204LR	41.52	8/13/2020	None	Ethanol	BP Biofuels (4427)	Ituiutaba Bioenergia Ltda (71006)	Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	None	Retired
T1R-1185	Tier 1	2.0	Fuel Producer: BP Biofuels (4427) ; Facility Name: Ituiutaba Bioenergia Ltda (71006); Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	Brazil	Molasses (019)	Ethanol	ETHM204L	38.30	ETHM204LR	40.84	8/13/2020	None	Ethanol	BP Biofuels (4427)	Ituiutaba Bioenergia Ltda (71006)	Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	None	Retired
T1R-1183	Tier 1	2.0	Fuel Producer: BP Biofuels (4427) ; Facility Name: Central Itumbiara de Bioenergia e Alimentos Ltda (71007); Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	Brazil	Molasses (019)	Ethanol	ETHM203L	39.84	ETHM203LR	42.42	8/13/2020	None	Ethanol	BP Biofuels (4427)	Central Itumbiara de Bioenergia e Alimentos Ltda (71007)	Brazilian sugarcane by-product molasses-based ethanol, with credit for electricity co-product export, and mechanized harvesting	None	Retired
T1R-1182	Tier 1	2.0	Fuel Producer: BP Biofuels (4427) ; Facility Name: Central Itumbiara de Bioenergia e Alimentos Ltda (71007); Brazilian sugarcane juice-based ethanol with average production processes, with credit for electricity cogeneration and surplus export, and mechanization	Brazil	Sugarcane (018)	Ethanol	ETHS203L	40.74	ETHS203LR	43.32	8/13/2020	None	Ethanol	BP Biofuels (4427)	Central Itumbiara de Bioenergia e Alimentos Ltda (71007)	Brazilian sugarcane juice-based ethanol with average production processes, with credit for electricity cogeneration and surplus export, and mechanization	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B005801	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) produced from Dairy Manure at T&M Bos Dairy and upgraded to RNG at Generate Jasper Upgrader in Fair Oaks, Indiana; RNG pipelined to California for transportation use (Provisional)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00580100	-167.04	12/31/2019	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) produced from Dairy Manure at T&M Bos Dairy and upgraded to RNG at Generate Jasper Upgrader in Fair Oaks, Indiana; RNG pipelined to California for transportation use (Provisional)	None	Retired
B005802	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure at T&M Herrema Dairy and upgraded to RNG at Generate Jasper Upgrader in Fair Oaks, Indiana; RNG pipelined to California (Provisional)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00580200	-151.41	12/31/2019	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure at T&M Herrema Dairy and upgraded to RNG at Generate Jasper Upgrader in Fair Oaks, Indiana; RNG pipelined to California (Provisional)	None	Retired
B005803	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure at T&M Windy Ridge Dairy and upgraded to RNG at Generate Jasper Upgrader in Fair Oaks, Indiana; RNG pipelined to California for transportation use (Provisional)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00580300	-257.78	12/31/2019	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure at T&M Windy Ridge Dairy and upgraded to RNG at Generate Jasper Upgrader in Fair Oaks, Indiana; RNG pipelined to California for transportation use (Provisional)	None	Retired
B006001	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Fair Oaks Upgrader, LLC (71001); Renewable Natural Gas (RNG) sourced from Dairy Manure of Fair Oak Farms and upgraded to RNG at Generate Fair Oaks Upgrader in Fair Oaks, Indiana; RNG pipelined to California (Provisional)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00600100	-255.74	2/24/2020	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Fair Oaks Upgrader, LLC (71001)	Renewable Natural Gas (RNG) sourced from Dairy Manure of Fair Oak Farms and upgraded to RNG at Generate Fair Oaks Upgrader in Fair Oaks, Indiana; RNG pipelined to California (Provisional)	None	Retired
T1N-1387	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average California Sourced Corn Oil from Wet DGS of a Dry Mill Corn Ethanol Plant to Biodiesel Produced in California (Provisional)	Bakersfield, California	CA Corn Oil from Wet DGS	Biodiesel	None	None	BDC202	27.45	6/30/2016	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average California Sourced Corn Oil from Wet DGS of a Dry Mill Corn Ethanol Plant to Biodiesel Produced in California (Provisional)	None	Retired
T1N-1388	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average U.S. Sourced Corn Oil from Wet DGS of a Dry Mill Corn Ethanol Plant to Biodiesel Produced in California (Provisional)	Bakersfield, California	U.S. Corn Oil from Wet DGS	Biodiesel	None	None	BDC203	28.48	6/30/2016	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average US Sourced Corn Oil from Wet DGS of a Dry Mill Corn Ethanol Plant to Biodiesel Produced in California (Provisional)	None	Retired
T1N-1543	Tier 1	2.0	Fuel Producer: Crimson Renewable Energy LP (4814) Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Average Global Sourced Used Cooking Oil (energy required to render) to Biodiesel Produced in California (Provisional)	Bakersfield, California	Global Used Cooking Oil	Biodiesel	None	None	BDU205	23.28	6/30/2016	None	Biodiesel	Crimson Renewable Energy LP (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Average Global Sourced Used Cooking Oil (energy required to render) to Biodiesel Produced in California (Provisional)	None	Retired
T1N-1670	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Valley LFG, LLC (71137); Valley landfill gas (PA) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ	Pennsylvania	Landfill Gas	Liquefied Natural Gas	LNGLF226	66.92	LNGLF226R	70.36	9/22/2020	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Valley LFG, LLC (71137)	Valley landfill gas (PA) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ	None	Retired
T1N-1671	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Valley LFG, LLC (71137); Valley landfill gas (PA) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; re-gasified in CA	Pennsylvania	Landfill Gas	Compressed Natural Gas	CNGLF266	69.47	CNGLF266R	72.91	9/22/2020	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Valley LFG, LLC (71137)	Valley landfill gas (PA) to pipeline-quality biomethane; delivered via pipeline; liquefied to LNG in AZ; re-gasified in CA	None	Retired
T1N-1669	Tier 1	2.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Valley LFG, LLC (71137); Valley landfill gas (PA) to pipeline-quality biomethane; delivered via pipeline to California CNG Stations	Pennsylvania	Landfill Gas	Compressed Natural Gas	CNGLF267	54.61	CNGLF267R	57.83	9/22/2020	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Valley LFG, LLC (71137)	Valley landfill gas (PA) to pipeline-quality biomethane; delivered via pipeline to California CNG Stations	None	Retired
A027101	Tier 1	3.0	Fuel Producer: Jaxon Energy, LLC (6454); Facility Name: Jaxon Energy, LLC (83608); Distilled Corn Oil transported by truck to Renewable Diesel plant in Jackson, Missouri; Natural Gas and Electricity; Renewable Diesel transported by rail to California (Provisional)	Mississippi	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003A02710100	78.60	10/2/2020	None	Renewable Diesel	Jaxon Energy, LLC (6454)	Jaxon Energy, LLC (83608)	Distilled Corn Oil transported by truck to Renewable Diesel plant in Jackson, Missouri; Natural Gas and Electricity; Renewable Diesel transported by rail to California (Provisional)	None	Retired
A026501	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: HUB CITY ENERGY LLC (70721); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Aberdeen, South Dakota; Ethanol transported by rail to California; Composite CI (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	None	None	ETH009A02650100	73.16	10/9/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	HUB CITY ENERGY LLC (70721)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Aberdeen, South Dakota; Ethanol transported by rail to California; Composite CI (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024701	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896) ; Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill at 5011 Lilley Rd. Canton, MI 48188 upgrading at Canton Renewables, LLC, pipelined to California for compression to CNG	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02470100	49.78	10/13/2020	None	Bio-CNG	CANTON RENEWABLES, LLC (6896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill at 5011 Lilley Rd. Canton, MI 48188 upgrading at Canton Renewables, LLC, pipelined to California for compression to CNG	None	Retired
B007201	Tier 2	3.0	Fuel Producer: IOGEN D3 BIOFUEL PARTNERS II LLC (7180); Facility Name: WOF PNW Threemile Project (F00100); Renewable Natural Gas (RNG) from Dairy Manure at Columbia River Dairy and Six Mile Farms, upgraded in Boardman, Oregon; RNG pipelined to California for transportation use (Provisional)	Oregon	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00720100	-188.78	9/30/2020	Application Package	Bio-CNG	IOGEN D3 BIOFUEL PARTNERS II LLC (7180)	WOF PNW Threemile Project (F00100)	Renewable Natural Gas (RNG) from Dairy Manure at Columbia River Dairy and Six Mile Farms, upgraded in Boardman, Oregon; RNG pipelined to California for transportation use (Provisional)	None	Retired
B007901	Tier 2	3.0	Fuel Producer: Kern Oil & Refining Co. (5038); Facility Name: Kern Oil & Refining Co. (80105); Rendered animal fat sourced from California and transported by truck; Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B00790100	30.48	9/30/2020	Application Package	Renewable Diesel	Kern Oil & Refining Co. (5038)	Kern Oil & Refining Co. (80105)	Rendered animal fat sourced from California and transported by truck; Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution (Provisional)	None	Retired
B007902	Tier 2	3.0	Fuel Producer: Kern Oil & Refining Co. (5038); Facility Name: Kern Oil & Refining Co. (80105); Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B00790200	41.85	9/30/2020	Application Package	Renewable Diesel	Kern Oil & Refining Co. (5038)	Kern Oil & Refining Co. (80105)	Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution (Provisional)	None	Retired
B010901	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Maple Leaf/Grotegut RNG Facility (F00167); Renewable Natural Gas (RNG) produced from Maple Leaf Dairy East and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01090100	-453.10	9/30/2020	Application Package	Bio-CNG	Clean Energy (5481)	Maple Leaf/Grotegut RNG Facility (F00167)	Renewable Natural Gas (RNG) produced from Maple Leaf Dairy East and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use (Provisional)	None	Retired
B010902	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Maple Leaf/Grotegut RNG Facility (F00167); Renewable Natural Gas (RNG) produced from Maple Leaf Dairy West and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01090200	-308.48	9/30/2020	Application Package	Bio-CNG	Clean Energy (5481)	Maple Leaf/Grotegut RNG Facility (F00167)	Renewable Natural Gas (RNG) produced from Maple Leaf Dairy West and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use (Provisional)	None	Retired
B010903	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Maple Leaf/Grotegut RNG Facility (F00167); Renewable Natural Gas (RNG) produced from Grotegut Dairy Farm and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01090300	-236.96	9/30/2020	Application Package	Bio-CNG	Clean Energy (5481)	Maple Leaf/Grotegut RNG Facility (F00167)	Renewable Natural Gas (RNG) produced from Grotegut Dairy Farm and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use (Provisional)	None	Retired
B009601	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Calumet - Dairy Dreams (F00127); Renewable Natural Gas (RNG) produced from Dairy Manure at Dairy Dreams Farm and upgraded at Calumet - Dairy Dreams in Casco, Wisconsin; RNG pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00960100	-532.74	9/30/2020	Application Package	Bio-CNG	Clean Energy (5481)	Calumet - Dairy Dreams (F00127)	Renewable Natural Gas (RNG) produced from Dairy Manure at Dairy Dreams Farm and upgraded at Calumet - Dairy Dreams in Casco, Wisconsin; RNG pipelined to California for transportation use (Provisional)	None	Retired
B009701	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Calumet - Ponderosa (F00128); Renewable Natural Gas (RNG) produced from Dairy Manure of Pagel's Ponderosa Dairy Farm and upgraded at Calumet-Ponderosa, Kewaunee, Wisconsin; RNG pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00970100	-372.20	9/30/2020	Application Package	Bio-CNG	Clean Energy (5481)	Calumet - Ponderosa (F00128)	Renewable Natural Gas (RNG) produced from Dairy Manure of Pagel's Ponderosa Dairy Farm and upgraded at Calumet-Ponderosa, Kewaunee, Wisconsin; RNG pipelined to California for transportation use (Provisional)	None	Retired
B010801	Tier 2	3.0	Fuel Producer: AgPower Jerome, LLC (C1036); Facility Name: AgPower Jerome RNG Project (F00077); Renewable Natural Gas (RNG) produced from Dairy Manure at Double A Dairy and Double A Dairy #6 and upgraded at AgPower Jerome RNG in Jerome, Idaho; RNG pipelined to California for transportation use (Provisional)	Idaho	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01080100	-230.13	9/30/2020	Application Package	Bio-CNG	AgPower Jerome, LLC (C1036)	AgPower Jerome RNG Project (F00077)	Renewable Natural Gas (RNG) produced from Dairy Manure at Double A Dairy and Double A Dairy #6 and upgraded at AgPower Jerome RNG in Jerome, Idaho; RNG pipelined to California for transportation use (Provisional)	None	Retired
A024201	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to California for compression to CNG	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF250	54.87	CNG025A02420100	47.53	10/29/2020	None	Bio-CNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to California for compression to CNG	None	Retired
A024202	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California LNG stations	Tennessee	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02420200	60.15	10/29/2020	None	Bio-LNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California LNG stations	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024203	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC; pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	Tennessee	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02420300	63.24	10/29/2020	None	Bio-CNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	None	Retired
A027201	Tier 1	3.0	Fuel Producer: Husker Ag LLC (5078); Facility Name: Husker Ag LLC (70151); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETHC295	74.03	ETH009A02720100	65.63	10/21/2020	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	None	Retired
A027202	Tier 1	3.0	Fuel Producer: Husker Ag LLC (5078); Facility Name: Husker Ag LLC (70151); Midwest Corn, Dry Mill; Fiber ethanol produced from Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A02720200	26.60	10/21/2020	None	Ethanol - Cellulosic	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest Corn, Dry Mill; Fiber ethanol produced from Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska; Ethanol transported by rail to California (Provisional)	None	Retired
A025901	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	Distillers' Corn Oil (003)	Biodiesel (BIO)	None	None	BIO003A02590100	36.62	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	None	Retired
A025902	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Soybean Oil; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A02590200	66.13	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Soybean Oil; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	None	Retired
A025903	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Rendered Tallow; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A02590300	41.88	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Rendered Tallow; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	None	Retired
A024101	Tier 1	3.0	Fuel Producer: COMPLEXE ENVIRO CONNEXIONS LTEE (6282); Facility Name: Complexe Enviro Connexions (F00139); Biomethane from Landfill at Quebec Canada, upgrading at Complexe Enviro Connexions Ltée, pipelined to California for compression to CNG (Provisional)	Canada	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02410100	29.92	11/12/2020	None	Bio-CNG	COMPLEXE ENVIRO CONNEXIONS LTEE (6282)	Complexe Enviro Connexions (F00139)	Biomethane from Landfill at Quebec Canada, upgrading at Complexe Enviro Connexions Ltée, pipelined to California for compression to CNG (Provisional)	None	Retired
A024102	Tier 1	3.0	Fuel Producer: COMPLEXE ENVIRO CONNEXIONS LTEE (6282); Facility Name: Complexe Enviro Connexions (F00139); Biomethane from Landfill at Quebec Canada, upgrading at Complexe Enviro Connexions Ltée, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to LNG stations in California (Provisional)	Canada	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02410200	42.70	11/12/2020	None	Bio-LNG	COMPLEXE ENVIRO CONNEXIONS LTEE (6282)	Complexe Enviro Connexions (F00139)	Biomethane from Landfill at Quebec Canada, upgrading at Complexe Enviro Connexions Ltée, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to LNG stations in California (Provisional)	None	Retired
A024103	Tier 1	3.0	Fuel Producer: COMPLEXE ENVIRO CONNEXIONS LTEE (6282); Facility Name: Complexe Enviro Connexions (F00139); Biomethane from Landfill at Quebec Canada, upgrading at Complexe Enviro Connexions Ltée, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to LNG stations; regasified, and compressed to L-CNG (Provisional)	Canada	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02410300	45.78	11/12/2020	None	Bio-CNG	COMPLEXE ENVIRO CONNEXIONS LTEE (6282)	Complexe Enviro Connexions (F00139)	Biomethane from Landfill at Quebec Canada, upgrading at Complexe Enviro Connexions Ltée, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to LNG stations; regasified, and compressed to L-CNG (Provisional)	None	Retired
A024801	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Fort Dodge (70043); Starch Ethanol produced from Midwest corn, dry milled, produced with grid electricity and natural gas with DDGs, MDGS, and corn oil co-products	Iowa	Corn (009)	Ethanol (ETH)	ETHC220	78.14	ETH009A02480100	70.62	11/18/2020	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Fort Dodge (70043)	Starch Ethanol produced from Midwest corn, dry milled, produced with grid electricity and natural gas with DDGs, MDGS, and corn oil co-products	None	Retired
A024802	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Fort Dodge (70043); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup, Natural Gas, Grid Electricity, Starch Ethanol produced in Fort Dodge, Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETHC220	78.14	ETH009A02480200	67.47	11/18/2020	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Fort Dodge (70043)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup, Natural Gas, Grid Electricity, Starch Ethanol produced in Fort Dodge, Iowa; Ethanol transported by rail to California	None	Retired
A025601	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Aurora, South Dakota (70041); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Aurora, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC262L	76.74	ETH009A02560100	71.32	11/18/2020	None	Ethanol	Valero Renewable Fuels (3201)	Aurora, South Dakota (70041)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Aurora, South Dakota; Ethanol transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A025602	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Aurora, South Dakota (70041); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Aurora, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETHC262L	76.74	ETH009A02560200	68.05	11/18/2020	None	Ethanol	Valero Renewable Fuels (3201)	Aurora, South Dakota (70041)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Aurora, South Dakota; Ethanol transported by rail to California	None	Retired
A025401	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Albert City (70142); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Albert City, Iowa; Ethanol transported by rail to California; Composite CI	Iowa	Corn (009)	Ethanol (ETH)	ETHC260L	78.62	ETH009A02540100	69.55	11/18/2020	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Albert City (70142)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Albert City, Iowa; Ethanol transported by rail to California; Composite CI	None	Retired
A025402	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Albert City (70142); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Albert City, Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETHC260L	78.62	ETH009A02540200	66.07	11/18/2020	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Albert City (70142)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup, Natural Gas, Grid Electricity; Starch Ethanol produced in Albert City, Iowa; Ethanol transported by rail to California	None	Retired
A024301	Tier 1	3.0	Fuel Producer: LES RENEWABLE NG LLC (6223); Facility Name: LES RENEWABLE NG LLC (71157); Biomethane from SWACO Landfill in Grove City, Ohio, upgrading at LES Renewable NG LLC, pipelined to California for compression to CNG	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG0025A02430100	60.40	11/19/2020	None	Bio-CNG	LES RENEWABLE NG LLC (6223)	LES RENEWABLE NG LLC (71157)	Biomethane from SWACO Landfill in Grove City, Ohio, upgrading at LES Renewable NG LLC, pipelined to California for compression to CNG	None	Retired
A028201	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82853); Rendered Animal Fat Oil transported by truck to biodiesel plant in Guymon, Oklahoma; biodiesel is then transferred to California By Rail (Provisional)	Oklahoma	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT202	35.57	BIO002A02820100	27.02	11/20/2020	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82853)	Rendered Animal Fat Oil transported by truck to biodiesel plant in Guymon, Oklahoma; biodiesel is then transferred to California By Rail (Provisional)	None	Retired
B011401	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Liquefied hydrogen from landfill gas at Fresno, Texas; liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California transported as liquid to H2 stations in Northern California	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B01140100	109.68	11/25/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Liquefied hydrogen from landfill gas at Fresno, Texas; liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California transported as liquid to H2 stations in Northern California	None	Retired
B011501	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426) ; Facility Name: Air Products and Chemicals SMR Wilmington, CA (F00068); Biomethane from BlueRidge landfill, Texas, hydrogen produced at Air Products & Chemicals Inc., Wilmington, California transported as gaseous hydrogen to fueling stations in Southern California	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025B01150100	73.14	11/25/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products and Chemicals SMR Wilmington, CA (F00068)	Biomethane from BlueRidge landfill, Texas, hydrogen produced at Air Products & Chemicals Inc., Wilmington, California transported as gaseous hydrogen to fueling stations in Southern California	None	Retired
B012801	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Liquefied hydrogen from North American Natural Gas, produced at Air Products & Chemicals Inc., Sacramento, California transported as liquid hydrogen to liquid fueling stations in California	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031B01280100	153.91	11/25/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Liquefied hydrogen from North American Natural Gas, produced at Air Products & Chemicals Inc., Sacramento, California transported as liquid hydrogen to liquid fueling stations in California	None	Retired
B010201	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Westside Dairy and Eastside Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG0026B01020100	-408.6	CNG0026B01020101	-408.62	12/3/2020	Application Package	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Westside Dairy and Eastside Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	None	Retired
B010202	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Exum Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B01020200	-289.76	12/3/2020	Application Package	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Exum Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	None	Retired
B010203	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Etter Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B01020300	-308.74	12/3/2020	Application Package	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Etter Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	None	Retired
A024501	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00570100	76.25	ETH009A02450100	69.92	12/4/2020	None	Ethanol	POET Biorefining - Ashton (4782)	POET BIOREFINING ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024502	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A002450200	67.07	ETH009A02450200	62.54	12/4/2020	None	Ethanol	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A024503	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A002570300	28.39	ETH012A02450300	22.56	12/4/2020	None	Ethanol - Cellulosic	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A025501	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Albion (702830); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETHC106	86.49	ETH009A02550100	71.02	12/3/2020	None	Ethanol	Valero Renewable Fuels (3201)	Albion (702830)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California	None	Retired
A025502	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Albion (702830); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETHC107	82.37	ETH009A02550200	67.05	12/3/2020	None	Ethanol	Valero Renewable Fuels (3201)	Albion (702830)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California	None	Retired
A029701	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Kansas	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02970101	58.34	12/15/2020	None	Bio-LNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A029702	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Kansas	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02970200	61.43	12/15/2020	None	Bio-CNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
B011901	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable jet fuel produced from animal fat, natural gas, grid electricity and hydrogen; renewable jet fuel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B01190100	19.51	12/18/2020	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable jet fuel produced from animal fat, natural gas, grid electricity and hydrogen; renewable jet fuel produced in California (Provisional)	None	Retired
B011902	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable diesel produced from animal fat, natural gas, grid electricity and hydrogen; renewable diesel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01190200	19.51	12/18/2020	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable diesel produced from animal fat, natural gas, grid electricity and hydrogen; renewable diesel produced in California (Provisional)	None	Retired
B011903	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable naphtha produced from animal fat, natural gas, grid electricity and hydrogen; renewable naphtha produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01190300	19.51	12/18/2020	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable naphtha produced from animal fat, natural gas, grid electricity and hydrogen; renewable naphtha produced in California (Provisional)	None	Retired
B008002	Tier 2	3.0	Fuel Producer: Bridge To Renewables, Benefit LLC (C1006); Facility Name: Blake's Landing Farms (F00019); Low-CI electricity from dairy manure and creamery wastewater biogas using reciprocating engine at Blake's Landing Farm in Marshall, California and for use as transportation fuel in California; Composite CI (Provisional)	California	Other Organic Waste (029)	Electricity (ELC)	None	None	ELC029B00800200	-233.49	12/31/2020	Application Package	Electricity	Bridge To Renewables, Benefit LLC (C1006)	Blake's Landing Farms (F00019)	Low-CI electricity from dairy manure and creamery wastewater biogas using reciprocating engine at Blake's Landing Farm in Marshall, California and for use as transportation fuel in California; Composite CI (Provisional)	None	Retired
B009901	Tier 2	3.0	Fuel Producer: PureField Ingredients LLC (7241); Facility Name: PureField Ingredients LLC (70302); Midwest Corn Ethanol, Dry Mill, Dry DGS, NG, electricity; Ethanol transported to CA by rail	Kansas	Corn (009)	Ethanol (ETH)	ETHC282	80.85	ETH009B00990101	74.02	12/31/2020	Application Package	Ethanol	PureField Ingredients LLC (7241)	PureField Ingredients LLC (70302)	Midwest Corn Ethanol, Dry Mill, Dry DGS, NG, electricity; Ethanol transported to CA by rail	None	Retired
B009902	Tier 2	3.0	Fuel Producer: PureField Ingredients LLC (7241); Facility Name: PureField Ingredients LLC (70302); Midwest Corn Ethanol, Dry Mill, Dry DGS, NG, electricity; Ethanol transported to CA by rail	Kansas	Corn (009)	Ethanol (ETH)	ETHC281	72.32	ETH009B00990200	63.64	12/31/2020	Application Package	Ethanol	PureField Ingredients LLC (7241)	PureField Ingredients LLC (70302)	Midwest Corn Ethanol, Dry Mill, Wet DGS, NG, electricity; Ethanol transported to CA by rail	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B009903	Tier 2	3.0	Fuel Producer: PureField Ingredients LLC (7241); Facility Name: PureField Ingredients LLC (70302); US-sourced Grain Sorghum Ethanol, Dry Mill, Dry DGS, NG, electricity; Ethanol transported to CA by rail	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETHG217	88.90	ETH010B00990300	77.27	12/31/2020	Application Package	Ethanol	PureField Ingredients LLC (7241)	PureField Ingredients LLC (70302)	US-sourced Grain Sorghum Ethanol, Dry Mill, Dry DGS, NG, electricity; Ethanol transported to CA by rail	None	Retired
B009904	Tier 2	3.0	Fuel Producer: PureField Ingredients LLC (7241); Facility Name: PureField Ingredients LLC (70302); US-sourced Grain Sorghum Ethanol, Dry Mill, Wet DGS, NG, electricity; Ethanol transported to CA by rail	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETHG216	80.38	ETH010B00990400	66.90	12/31/2020	Application Package	Ethanol	PureField Ingredients LLC (7241)	PureField Ingredients LLC (70302)	US-sourced Grain Sorghum Ethanol, Dry Mill, Wet DGS, NG, electricity; Ethanol transported to CA by rail	None	Retired
B009905	Tier 2	3.0	Fuel Producer: PureField Ingredients LLC (7241); Facility Name: PureField Ingredients LLC (70302); Ethanol produced from Dry Mill, Wheat Starch Slurry, Dry DGS, NG, electricity; Ethanol transported to CA by rail	Kansas	Wheat Starch Slurry (014)	Ethanol (ETH)	ETHWSS201	53.73	ETH014B00990500	52.76	12/31/2020	Application Package	Ethanol	PureField Ingredients LLC (7241)	PureField Ingredients LLC (70302)	Ethanol produced from Dry Mill, Wheat Starch Slurry, Dry DGS, NG, electricity; Ethanol transported to CA by rail	None	Retired
B009906	Tier 2	3.0	Fuel Producer: PureField Ingredients LLC (7241); Facility Name: PureField Ingredients LLC (70302); Ethanol produced from Dry Mill, Wheat Starch Slurry, Wet DGS, NG, electricity; Ethanol transported to CA by rail	Kansas	Wheat Starch Slurry (014)	Ethanol (ETH)	ETHWSS200	45.2	ETH014B00990600	47.78	12/31/2020	Application Package	Ethanol	PureField Ingredients LLC (7241)	PureField Ingredients LLC (70302)	Ethanol produced from Dry Mill, Wheat Starch Slurry, Wet DGS, NG, electricity; Ethanol transported to CA by rail	None	Retired
A024601	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	None	None	ETH009A02460100	77.21	12/29/2020	None	Ethanol	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (Provisional)	None	Retired
A024602	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	None	None	ETH009A02460200	69.47	12/29/2020	None	Ethanol	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (Provisional)	None	Retired
A024603	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A02460300	29.41	12/29/2020	None	Ethanol - Cellulosic	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (Provisional)	None	Retired
B012701	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at K&M Visser and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01270100	-417.35	12/31/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at K&M Visser and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	None	Retired
B012702	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at Riverview Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01270200	-417.27	12/31/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at Riverview Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	None	Retired
B012703	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at Little Rock and Blue Moon Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01270300	-418.90	12/31/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at Little Rock and Blue Moon Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	None	Retired
B012704	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at 4K Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01270400	-392.44	12/31/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at 4K Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use (Provisional)	None	Retired
B014501	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products and Chemicals SMR Wilmington, CA (F00068); Biomethane from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana to gaseous hydrogen production at Air Products & Chemicals Inc., Wilmington, California transported as gaseous hydrogen to hydrogen stations in California	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B01450100	-287.07	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products and Chemicals SMR Wilmington, CA (F00068)	Biomethane from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana to gaseous hydrogen production at Air Products & Chemicals Inc., Wilmington, California transported as gaseous hydrogen to hydrogen stations in California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B014502	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products and Chemicals SMR Wilmington, CA (F00068); Biomethane from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana to gaseous hydrogen production at Air Products & Chemicals Inc., Wilmington, California transported as gaseous hydrogen to hydrogen stations in California	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B01460200	-216.05	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products and Chemicals SMR Wilmington, CA (F00068)	Biomethane from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana to gaseous hydrogen production at Air Products & Chemicals Inc., Wilmington, California transported as gaseous hydrogen to hydrogen stations in California	None	Retired
B014601	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Biomethane from landfill gas at Fresno, Texas to Liquid hydrogen produced at Air Products & Chemicals Inc., Sacramento, California; transported as liquid hydrogen to a transfill Station in Santa Clara, California; and transported as gaseous hydrogen to fueling stations in California	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B01460100	120.04	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Biomethane from landfill gas at Fresno, Texas to Liquid hydrogen produced at Air Products & Chemicals Inc., Sacramento, California; transported as liquid hydrogen to a transfill Station in Santa Clara, California; and transported as gaseous hydrogen to fueling stations in California	None	Retired
B014602	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); North American Natural Gas to Liquid hydrogen produced at Air Products & Chemicals Inc., Sacramento, California; transported as liquid hydrogen to a transfill Station in Santa Clara, California and transported as gaseous hydrogen to fueling stations in California	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031B01460200	164.27	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	North American Natural Gas to Liquid hydrogen produced at Air Products & Chemicals Inc., Sacramento, California; transported as liquid hydrogen to a transfill Station in Santa Clara, California and transported as gaseous hydrogen to fueling stations in California	None	Retired
B016401	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Biomethane from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana to liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California; transported as liquid to hydrogen stations in California	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B01640100	-251.36	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Biomethane from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana to liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California; transported as liquid to hydrogen stations in California	None	Retired
B016402	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Biomethane from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana to liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California; transported as liquid to a transfill station in Santa Clara, California; gasified and compressed and transported as gaseous hydrogen to fueling stations in California	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B01640200	-241.00	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Biomethane from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana to liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California; transported as liquid to a transfill station in Santa Clara, California; gasified and compressed and transported as gaseous hydrogen to fueling stations in California	None	Retired
B016403	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Biomethane from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; liquid hydrogen produced at Air Products & Chemicals Inc., Sacramento, California, transported to hydrogen stations in California	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B01640300	-179.71	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Biomethane from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; liquid hydrogen produced at Air Products & Chemicals Inc., Sacramento, California, transported to hydrogen stations in California	None	Retired
B016404	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Biomethane from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana to liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California; transported as liquid to a transfill station in Santa Clara, California; gasified and compressed and transported as gaseous hydrogen to fueling stations in California	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B01640400	-169.35	12/31/2020	Application Package	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Biomethane from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana to liquid hydrogen production at Air Products & Chemicals Inc., Sacramento, California; transported as liquid to a transfill station in Santa Clara, California; gasified and compressed and transported as gaseous hydrogen to fueling stations in California	None	Retired
B010201	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Westside Dairy and Eastside Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01020100	-408.60	CNG026B01020101	-408.62	12/3/2020	Application Package	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Westside Dairy and Eastside Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use (Provisional)	None	Retired
A027401	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504) ; Facility Name: Renovar Arlington, LTD RNG Project (70501); Digester Gas generated at the Village Creek Water Reclamation Facility, Euless, Texas; upgraded to pipeline-quality biomethane in Texas; delivered via pipeline to CNG stations in California (Provisional)	Texas	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A02740100	38.37	3/1/2021	None	Bio-CNG	U.S. Venture, Inc. (5504)	Renovar Arlington, LTD RNG Project (70501)	Digester Gas generated at the Village Creek Water Reclamation Facility, Euless, Texas; upgraded to pipeline-quality biomethane in Texas; delivered via pipeline to CNG stations in California (Provisional)	None	Retired
A033001	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00990100	73.79	ETH009A03300100	73.75	3/1/2021	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	None	Retired
A027901	Tier 1	3.0	Fuel Producer: FutureFuel Chemical Company (4664); Facility Name: FutureFuel Chemical Company (82612); Midwest Corn Oil transported by truck and rail to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	Arkansas	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC210	38.75	BIO003A02790100	33.97	3/9/2021	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	Midwest Corn Oil transported by truck and rail to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	None	Retired
A027902	Tier 1	3.0	Fuel Producer: FutureFuel Chemical Company (4664); Facility Name: FutureFuel Chemical Company (82612); US-sourced Used Cooking Oil transported by truck to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	Arkansas	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU207L	24.36	BIO001A02790200	27.05	3/9/2021	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	US-sourced Used Cooking Oil transported by truck to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029801	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to California for compression to CNG (Provisional)	Washington	Landfill Gas (025)	Compressed Natural Gas (CNG)	LNGLF206LR	40.21	CNG025A02980100	28.24	3/12/2021	None	Bio-CNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to California for compression to CNG (Provisional)	None	Retired
A029802	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG, trucked to California LNG stations (Provisional)	Washington	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNGLF206LR	40.21	LNG025A02980200	41.09	3/12/2021	None	Bio-LNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG, trucked to California LNG stations (Provisional)	None	Retired
A029803	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG, trucked to California, regasified, and compressed to L-CNG (Provisional)	Washington	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	CNGLF229LR	42.78	LCN025A02980300	44.18	3/12/2021	None	Bio-CNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG, trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
A026703	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Raeger (71131); Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02670300	55.90	3/18/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Raeger (71131)	Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
A026702	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Raeger (71131); Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California LNG stations (Provisional)	Pennsylvania	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02670200	52.82	3/18/2021	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Raeger (71131)	Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A026701	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Raeger (71131); Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to California for compression to CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF275	42.86	CNG025A02670100	35.51	3/18/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Raeger (71131)	Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to California for compression to CNG (Provisional)	None	Retired
A026203	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Shade (71134); Biomethane from Johnstown Regional Energy - Shade Landfill in Cairnbrook, Pennsylvania, pipelined to California for compression to CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF273R	49.77	CNG025A02620300	52.21	3/18/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Shade (71134)	Biomethane from Johnstown Regional Energy - Shade Landfill in Cairnbrook, Pennsylvania, pipelined to California for compression to CNG (Provisional)	None	Retired
A026202	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Shade (71134); Biomethane from Johnstown Regional Energy - Shade Landfill in Cairnbrook, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02620200	72.80	3/18/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Shade (71134)	Biomethane from Johnstown Regional Energy - Shade Landfill in Cairnbrook, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
A026201	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Shade (71134); Biomethane from Johnstown Regional Energy - Shade Landfill in Cairnbrook, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California LNG stations (Provisional)	Pennsylvania	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02620100	69.71	3/18/2021	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Shade (71134)	Biomethane from Johnstown Regional Energy - Shade Landfill in Cairnbrook, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A026401	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Southern Alleghenies (71133); Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California LNG stations (Provisional)	Pennsylvania	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02640100	77.89	3/17/2021	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Southern Alleghenies (71133)	Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A026402	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Southern Alleghenies (71133); Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02640200	80.98	3/17/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Southern Alleghenies (71133)	Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to Topock, Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
A026403	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Johnstown Regional Energy - Southern Alleghenies (71133); Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to California for compression to CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF274	58.84	CNG025A02640300	60.28	3/17/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Johnstown Regional Energy - Southern Alleghenies (71133)	Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to California for compression to CNG (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029401	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETH009A01400200	72.42	ETH009A02940100	70.88	3/22/2021	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A029402	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETH009A01400100	63.69	ETH009A02940200	61.90	3/22/2021	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A029403	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Sorghum from Dry Mill; Dry DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A01400400	75.50	ETH010A02940300	74.04	3/22/2021	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Sorghum from Dry Mill; Dry DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California	None	Retired
A029404	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Sorghum from Dry Mill; Wet DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California.	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A01400300	66.76	ETH010A02940400	65.06	3/22/2021	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Sorghum from Dry Mill; Wet DGS, Corn oil and Syrup, Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California.	None	Retired
A031002	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Louisiana	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A03100200	53.73	3/18/2021	None	Bio-LNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A031003	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Louisiana	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A03100300	56.81	3/18/2021	None	Bio-CNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
A031201	Tier 1	3.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935); Facility Name: Community Fuels Port of Stockton (82728); Midwest Soybean Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	California	Soybean Oil (005)	Biodiesel (BIO)	BDS201	52.45	BIO005A03120100	57.16	3/23/2021	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	Midwest Soybean Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	None	Retired
A031202	Tier 1	3.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935); Facility Name: Community Fuels Port of Stockton (82728); Canola Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	California	Canola Oil (006)	Biodiesel (BIO)	BDCA201	54.97	BIO006A03120200	51.65	3/23/2021	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	Canola Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	None	Retired
A031204	Tier 1	3.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935); Facility Name: Community Fuels Port of Stockton (82728); US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Stockton, California, for biodiesel production.	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT205	32.24	BIO002A03120400	31.28	3/23/2021	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Stockton, California, for biodiesel production.	None	Retired
A031205	Tier 1	3.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935); Facility Name: Community Fuels Port of Stockton (82728); CA sourced Rendered Animal and Poultry Fat Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT206	28.90	BIO002A03120500	32.45	3/23/2021	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	CA sourced Rendered Animal and Poultry Fat Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	None	Retired
A031206	Tier 1	3.0	Fuel Producer: American Biodiesel, Inc., dba Community Fuels (4935); Facility Name: Community Fuels Port of Stockton (82728); US sourced Used Cooking Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A03120600	21.27	3/23/2021	None	Biodiesel	American Biodiesel, Inc., dba Community Fuels (4935)	Community Fuels Port of Stockton (82728)	US sourced Used Cooking Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	None	Retired
B005901	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: ABEC Bidart-Old River LLC (F00113); Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	California	Dairy Manure (026)	Electricity (ELC)	ELC026B00590100	-558.62	ELC026B00590101	-562.50	3/25/2021	Application Package	Electricity	California Bioenergy LLC (B194)	ABEC Bidart-Old River LLC (F00113)	Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B008901	Tier 2	3.0	Fuel Producer: Gallo Cattle Company, LP (C1029) ; Facility Name: Cottonwood Dairy (F00094); Low-CI electricity from dairy manure and cheese wastewater biogas, using reciprocating engine at Cottonwood Dairy in Atwater, California for use as transportation fuel in California. (Provisional)	California	Dairy Manure (026)	Electricity (ELC)	ELC026B00890100	-108.43	ELC026B00890101	-126.52	3/25/2021	Application Package	Electricity	Gallo Cattle Company, LP (C1029)	Cottonwood Dairy (F00094)	Low-CI electricity from dairy manure and cheese wastewater biogas, using reciprocating engine at Cottonwood Dairy in Atwater, California for use as transportation fuel in California. (Provisional)	None	Retired
B013311	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from Sanimax Montreal animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01331100	26.5	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from Sanimax Montreal animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B013312	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from Sanimax USA animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01331200	28.00	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from Sanimax USA animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
A029501	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); Rendered Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU219	21.73	BIO001A02950100	21.93	4/1/2021	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Rendered Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	None	Retired
A029502	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); Raw Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California for on-site rendering; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU240	19	BIO001A02950200	16.98	4/1/2021	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Raw Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California for on-site rendering; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	None	Retired
A030601	Tier 1	3.0	Fuel Producer: MONROEVILLE LFG, LLC (6317); Facility Name: MONROEVILLE LFG, LLC (71136); Biomethane from Monroeville Landfill in Monroeville, PA, upgrading at Monroeville LFG, LLC, pipelined to California for compression to CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A03060100	41.93	4/6/2021	None	Bio-CNG	MONROEVILLE LFG, LLC (6317)	MONROEVILLE LFG, LLC (71136)	Biomethane from Monroeville Landfill in Monroeville, PA, upgrading at Monroeville LFG, LLC, pipelined to California for compression to CNG (Provisional)	None	Retired
B018908	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from Sanimax Montreal animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01890800	27.00	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from Sanimax Montreal animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018909	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from Sanimax USA animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01890900	28.50	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from Sanimax USA animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018917	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from Sanimax Montreal animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891700	27.00	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from Sanimax Montreal animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018918	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from Sanimax USA animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891800	28.50	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from Sanimax USA animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
None	Lookup Table	3.0	California grid electricity used as a transportation fuel in California	California	Grid Electricity (039)	Electricity (ELC)	None	None	ELC000L00072021	75.93	NA	None	Electricity	NA	NA	California grid electricity used as a transportation fuel in California	None	Retired
A028807	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); Self Rendered Animal Fat Oil transported by truck to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	Iowa	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A02880700	24.50	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	Self Rendered Animal Fat Oil transported by truck to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A030901	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Fiber Ethanol Production Using Soliton Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota. Ethanol transported by rail to California. (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03090100	24.46	5/4/2021	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Fiber Ethanol Production Using Soliton Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota. Ethanol transported by rail to California. (Provisional)	None	Retired
A030902	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota. Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	ETHC247L	75.15	ETH009A03090200	71.95	5/4/2021	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota. Ethanol transported by rail to California. (Provisional)	None	Retired
A036702	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California LNG stations (Provisional)	Tennessee	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A03670200	62.18	5/11/2021	None	Bio-LNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A036703	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG (Provisional)	Tennessee	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A03670300	65.26	5/11/2021	None	Bio-CNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG (Provisional)	None	Retired
A028501	Tier 1	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); US sourced Zero Energy Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU204R	14.7	BIO001A02850100	12.91	6/2/2021	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	US sourced Zero Energy Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	None	Retired
A028502	Tier 1	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); California sourced Low Energy Rendered Used Cooking Oil transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A02850200	12.93	6/2/2021	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	California sourced Low Energy Rendered Used Cooking Oil transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	None	Retired
A028503	Tier 1	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); US sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU203R	18.31	BIO001A02850300	17.86	6/2/2021	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	US sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	None	Retired
A028504	Tier 1	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); US sourced Low Energy Rendered Used Cooking Oil transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A02850400	15.81	6/2/2021	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	US sourced Low Energy Rendered Used Cooking Oil transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	None	Retired
A028505	Tier 1	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	California	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC202 and BDC203	27.45 and 28.48	BIO003A02850500	25.22	6/2/2021	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	None	Retired
A028506	Tier 1	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT203R	31.39	BIO002A02850600	30.94	6/2/2021	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Biodiesel produced in California. In-state fuel distribution by truck.	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A035101	Tier 1	3.0	Fuel Producer: E Energy Adams, LLC (4831); Facility Name: E energy Adams, LLC (70093); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Adams, Nebraska; Ethanol transported by rail to California Composite CI. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00370100	66.53	ETH009A03510100	65.93	6/1/2021	None	Ethanol	E Energy Adams, LLC (4831)	E energy Adams, LLC (70093)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Adams, Nebraska; Ethanol transported by rail to California , Composite CI. (Provisional)	None	Retired
A029002	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Soybean Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	Illinois	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A02900200	57.00	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Soybean Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	None	Retired
A029003	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Canola Oil transported by rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	Illinois	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A02900300	53.00	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Canola Oil transported by rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	None	Retired
A029006	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S sourced Used Cooking Oil, transported locally by truck to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU246	23.18	BIO001A02900600	20.25	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S sourced Used Cooking Oil, transported locally by truck to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	None	Retired
A034701	Tier 1	3.0	Fuel Producer: SENECA ENERGY II, LLC (6222); Facility Name: SENECA ENERGY (71156); Biomethane from biogas produced at the Seneca Meadows Landfill in Waterloo, New York; upgraded at Seneca Energy II facility; pipelined to California for compression to CNG. (Provisional)	New York	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF207L	52.77	CNG025A03470100	44.49	6/10/2021	None	Bio-CNG	SENECA ENERGY II, LLC (6222)	SENECA ENERGY (71156)	Biomethane from biogas produced at the Seneca Meadows Landfill in Waterloo, New York; upgraded at Seneca Energy II facility; pipelined to California for compression to CNG. (Provisional)	None	Retired
A030401	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Point Loma Digester Gas Project (F00027); Point Loma WWTP digester gas, upgraded to pipeline quality utilizing mainly only onsite produced power from biogas powered engines, injected into the pipeline and dispensed in California. (Provisional)	California	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A03040100	30.31	6/14/2021	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Point Loma Digester Gas Project (F00027)	Point Loma WWTP digester gas, upgraded to pipeline quality utilizing mainly only onsite produced power from biogas powered engines, injected into the pipeline and dispensed in California. (Provisional)	None	Retired
A034601	Tier 1	3.0	Fuel Producer: PINNACLE GAS PRODUCERS, LLC (6220); Facility Name: PINNACLE GAS PRODUCERS, LLC (71153); Biomethane from Pinnacle Road Landfill at Moraine, Ohio; Stony Hollow Landfill; Dayton; upgrading at Pinnacle Gas Producers, LLC, pipelined to California for compression to CNG	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF206L	41.61	CNG025A03460100	63.75	6/16/2021	None	Bio-CNG	PINNACLE GAS PRODUCERS, LLC (6220)	PINNACLE GAS PRODUCERS, LLC (71153)	Biomethane from Pinnacle Road Landfill at Moraine, Ohio; Stony Hollow Landfill; Dayton; upgrading at Pinnacle Gas Producers, LLC, pipelined to California for compression to CNG	None	Retired
A034602	Tier 1	3.0	Fuel Producer: PINNACLE GAS PRODUCERS, LLC (6220); Facility Name: PINNACLE GAS PRODUCERS, LLC (71153); Biomethane from Pinnacle Road Landfill at Moraine, Ohio; Stony Hollow Landfill; Dayton; pipelined to Boron LNG Facility in California for liquefaction to LNG; trucked to California LNG stations	Ohio	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNGLF201LR	50.27	LNG025A03460200	76.91	6/16/2021	None	Bio-LNG	PINNACLE GAS PRODUCERS, LLC (6220)	PINNACLE GAS PRODUCERS, LLC (71153)	Biomethane from Pinnacle Road Landfill at Moraine, Ohio; Stony Hollow Landfill; Dayton; pipelined to Boron LNG Facility in California for liquefaction to LNG; trucked to California LNG stations	None	Retired
A034603	Tier 1	3.0	Fuel Producer: PINNACLE GAS PRODUCERS, LLC (6220); Facility Name: PINNACLE GAS PRODUCERS, LLC (71153); Biomethane from Pinnacle Road Landfill at Moraine; Stony Hollow Landfill at Dayton, Ohio; pipelined to Boron LNG Facility in California for liquefaction to LNG; trucked to California, regasified, and compressed to L-CNG	Ohio	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	CNGLF224LR	56.01	LCN025A03460300	80.00	6/16/2021	None	Bio-CNG	PINNACLE GAS PRODUCERS, LLC (6220)	PINNACLE GAS PRODUCERS, LLC (71153)	Biomethane from Pinnacle Road Landfill at Moraine; Stony Hollow Landfill at Dayton, Ohio; pipelined to Boron LNG Facility in California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	None	Retired
A034501	Tier 1	3.0	Fuel Producer: WESTSIDE GAS PRODUCERS, LLC (6218); Facility Name: WESTSIDE GAS PRODUCERS, LLC (71151); Biomethane from Westside Landfill at Three River, Michigan upgrading at Westside Gas Producers LLC, pipelined to California for compression to CNG.	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF237L	47.40	CNG025A03450100	52.66	6/16/2021	None	Bio-CNG	WESTSIDE GAS PRODUCERS, LLC (6218)	WESTSIDE GAS PRODUCERS, LLC (71151)	Biomethane from Westside Landfill at Three River, Michigan upgrading at Westside Gas Producers LLC, pipelined to California for compression to CNG.	None	Retired
B016301	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Hilarides (F00006); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Hilarides Dairy in Lindsay, California for use as transportation fuel in California. (Provisional)	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01630100	-758.46	6/21/2021	Application Package	Electricity	CleanFuture, Inc. (C1001)	Hilarides (F00006)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Hilarides Dairy in Lindsay, California for use as transportation fuel in California. (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B019001	Tier 2	3.0	Fuel Producer: East Kansas Agri-Energy, LLC (4483); Facility Name: East Kansas Agri-Energy, LLC (83463); Renewable diesel produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail (Provisional)	Kansas	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B01900100	46.31	6/25/2021	Application Package	Renewable Diesel	East Kansas Agri-Energy, LLC (4483)	East Kansas Agri-Energy, LLC (83483)	Renewable diesel produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail (Provisional)	None	Retired
B019002	Tier 2	3.0	Fuel Producer: East Kansas Agri-Energy, LLC (4483); Facility Name: East Kansas Agri-Energy, LLC (83483); Renewable naphtha produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail (Provisional)	Kansas	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	None	None	RNT003B01900200	46.31	6/25/2021	Application Package	Renewable Naphtha	East Kansas Agri-Energy, LLC (4483)	East Kansas Agri-Energy, LLC (83483)	Renewable naphtha produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail (Provisional)	None	Retired
B019301	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity, then to California By rail and ocean tanker (Provisional)	North Dakota	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B01930100	34.90	6/25/2021	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity, then to California By rail and ocean tanker (Provisional)	None	Retired
B019302	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Soybean Oil transported by Rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by Rail and Ocean Tanker to California. (Provisional)	North Dakota	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B01930200	64.24	6/25/2021	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Soybean Oil transported by Rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by Rail and Ocean Tanker to California. (Provisional)	None	Retired
B019303	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Distillers' Corn Oil transported by Truck and Rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha transported by Rail and Ocean Tanker to California. (Provisional)	North Dakota	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	None	None	RNT003B01930300	34.90	6/25/2021	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Distillers' Corn Oil transported by Truck and Rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha transported by Rail and Ocean Tanker to California. (Provisional)	None	Retired
B019304	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Soybean Oil transported by Rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha transported by Rail and Ocean Tanker to California. (Provisional)	North Dakota	Soybean Oil (005)	Renewable Naphtha (RNT)	None	None	RNT005B01930400	64.24	6/25/2021	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Soybean Oil transported by Rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha transported by Rail and Ocean Tanker to California. (Provisional)	None	Retired
B014301	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Valley View Farm (70021S); Renewable Natural Gas (RNG) from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California locations	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B00100100	-345.68	CNG044B01430100	-429.05	6/29/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Valley View Farm (70021S)	Renewable Natural Gas (RNG) from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California locations	None	Retired
B014901	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: South Meadows Farm (F00195); Renewable Natural Gas (RNG) from Swine Manure of South Meadows Farm, Browning, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)		None	CNG044B01490100	-359.66	6/29/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	South Meadows Farm (F00195)	Renewable Natural Gas (RNG) from Swine Manure of South Meadows Farm, Browning, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California (Provisional)	None	Retired
B016801	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable jet fuel produced from animal fat in Dinmore, Australia; natural gas, grid electricity and hydrogen; renewable jet fuel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B01680100	33.42	6/29/2021	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable jet fuel produced from animal fat in Dinmore, Australia; natural gas, grid electricity and hydrogen; renewable jet fuel produced in California (Provisional)	None	Retired
B016802	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable diesel produced from animal fat in Dinmore, Australia; natural gas, grid electricity and hydrogen; renewable diesel produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01680200	33.42	6/29/2021	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable diesel produced from animal fat in Dinmore, Australia; natural gas, grid electricity and hydrogen; renewable diesel produced in California (Provisional)	None	Retired
B016803	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable naphtha produced from animal fat in Dinmore, Australia; natural gas, grid electricity and hydrogen; renewable naphtha produced in California (Provisional)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01680300	33.42	6/29/2021	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable naphtha produced from animal fat in Dinmore, Australia; natural gas, grid electricity and hydrogen; renewable naphtha produced in California (Provisional)	None	Retired
B019101	Tier 2	3.0	Fuel Producer: California Renewable Power LLC(C196); Facility Name: California Renewable Power and Organics Recycling and Anaerobic Digestion Facility (71270); Renewable Natural Gas (RNG) produced from mixed Urban Landscaping Waste and Food Scraps and upgraded at California Renewable Power and Organics Recycling and Anaerobic Digestion Facility in Perris, California; RNG used in CNG vehicles. (Provisional)	California	Urban Landscaping Waste (028)	Compressed Natural Gas (CNG)	None	None	CNG002B01910100	2.51	6/29/2021	Application Package	Bio-CNG	California Renewable Power LLC(C196)	California Renewable Power and Organics Recycling and Anaerobic Digestion Facility (71270)	Renewable Natural Gas (RNG) produced from mixed Urban Landscaping Waste and Food Scraps and upgraded at California Renewable Power and Organics Recycling and Anaerobic Digestion Facility in Perris, California; RNG used in CNG vehicles. (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A037601	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced and transported by truck in California (Provisional)	California	Distillers' Corn Oil (003)	Biodiesel (BIO)	None	None	BIO003A03760100	32.12	6/30/2021	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced and transported by truck in California (Provisional)	None	Retired
A036601	Tier 1	3.0	Fuel Producer: World Energy Rome, LLC (4533); Facility Name: World Energy Rome, LLC (82470); Midwest Soybean Oil transported by truck to Biodiesel Plant in Rome, Georgia; Natural Gas and Grid Electricity; Biodiesel produced in Rome, Georgia; Finished Fuel Transported to California By Rail (Provisional)	Georgia	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A03660100	61.39	7/7/2021	None	Biodiesel	World Energy Rome, LLC (4533)	World Energy Rome, LLC (82470)	Midwest Soybean Oil transported by truck to Biodiesel Plant in Rome, Georgia; Natural Gas and Grid Electricity; Biodiesel produced in Rome, Georgia; Finished Fuel Transported to California By Rail (Provisional)	None	Retired
A036602	Tier 1	3.0	Fuel Producer: World Energy Rome, LLC (4533); Facility Name: World Energy Rome, LLC (82470); US Sourced Used Cooking Oil transported by truck to Biodiesel plant in Rome, Georgia; Natural Gas and Grid Electricity; Biodiesel produced in Rome, Georgia; Finished Fuel Transported to California By Rail (Provisional)	Georgia	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A03660200	24.94	7/7/2021	None	Biodiesel	World Energy Rome, LLC (4533)	World Energy Rome, LLC (82470)	US Sourced Used Cooking Oil transported by truck to Biodiesel plant in Rome, Georgia; Natural Gas and Grid Electricity; Biodiesel produced in Rome, Georgia; Finished Fuel Transported to California By Rail (Provisional)	None	Retired
A036603	Tier 1	3.0	Fuel Producer: World Energy Rome, LLC (4533); Facility Name: World Energy Rome, LLC (82470); US Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Rome, Georgia; Natural Gas and Grid Electricity; Finished Fuel Transported to California By Rail (Provisional)	Georgia	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A03660300	36.60	7/7/2021	None	Biodiesel	World Energy Rome, LLC (4533)	World Energy Rome, LLC (82470)	US Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Rome, Georgia; Natural Gas and Grid Electricity; Finished Fuel Transported to California By Rail (Provisional)	None	Retired
A038601	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02560100	71.32	ETH009A03860100	72.20	7/13/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	Retired
A038602	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02560200	68.05	ETH009A03860200	69.20	7/13/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	Retired
A034801	Tier 1	3.0	Fuel Producer: Delek Renewables, LLC (5998); Facility Name: Delek Renewables Cleburne Biodiesel Plant (81398); U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail (Provisional)	Texas	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT217	38.27	BIO002A03480100	30.80	7/28/2021	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Cleburne Biodiesel Plant (81398)	U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail (Provisional)	None	Retired
A037501	Tier 1	3.0	Fuel Producer: BLUE SOURCE LLC (6086); Facility Name: Seabreeze Energy Producers (70281); Biomethane from Landfill in Angleton, Texas upgrading at Seabreeze Energy Producers, pipelined to California for compression to CNG (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A03750100	37.82	8/20/2021	None	Bio-CNG	BLUE SOURCE LLC (6086)	Seabreeze Energy Producers (70281)	Biomethane from Landfill in Angleton, Texas upgrading at Seabreeze Energy Producers, pipelined to California for compression to CNG (Provisional)	None	Retired
B017301	Tier 2	3.0	Fuel Producer: DF-AP #1, LLC (C1122); Facility Name: Big Sky Dairy Digester (F00329); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Big Sky Dairy in Gooding, Idaho for use as transportation fuel in California (Provisional)	Idaho	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01730100	-545.71	9/22/2021	Application Package	Electricity	DF-AP #1, LLC (C1122)	Big Sky Dairy Digester (F00329)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Big Sky Dairy in Gooding, Idaho for use as transportation fuel in California (Provisional)	None	Retired
B017401	Tier 2	3.0	Fuel Producer: POET Biorefining - Big Stone (4736); Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	South Dakota	Corn (009)	Ethanol (ETH)	ETHC306	81.86	ETH009B01740100	75.91	9/24/2021	Application Package	Ethanol	POET Biorefining - Big Stone (4736)	POET Biorefining - Big Stone (70025)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	None	Retired
B017402	Tier 2	3.0	Fuel Producer: POET Biorefining - Big Stone (4736); Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	South Dakota	Corn (009)	Ethanol (ETH)	ETHC306	81.86	ETH009B01740200	68.73	9/24/2021	Application Package	Ethanol	POET Biorefining - Big Stone (4736)	POET Biorefining - Big Stone (70025)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	None	Retired
B017403	Tier 2	3.0	Fuel Producer: POET Biorefining - Big Stone (4736); Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Coal, Grid Electricity; Ethanol produced in Big Stone, South Dakota; Ethanol transported by rail to California.	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETHCF206	38.58	ETH012B01740300	29.14	9/24/2021	Application Package	Ethanol - Cellulosic	POET Biorefining - Big Stone (4736)	POET Biorefining - Big Stone (70025)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Coal, Grid Electricity; Ethanol produced in Big Stone, South Dakota; Ethanol transported by rail to California.	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B018701	Tier 2	3.0	Fuel Producer: Dry Creek RNG LLC (C1098); Facility Name: Dry Creek RNG Project (F00342); Biogas from Dairy Manure at Dry Creek Dairy and Southside Dairy in Hansen, Idaho; Upgraded biomethane pipelined to California for transportation use (Provisional)	Idaho	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01870100	-435.22	9/30/2021	Application Package	Bio-CNG	Dry Creek RNG LLC (C1098)	Dry Creek RNG Project (F00342)	Biogas from Dairy Manure at Dry Creek Dairy and Southside Dairy in Hansen, Idaho; Upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
B021401	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Milford Farm (71483); Renewable Natural Gas (RNG) from Swine Manure from the South Cluster of Milford Farm, Milford, UT; RNG pipelined to multiple California fueling stations (Provisional)	Utah	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B02140100	-413.67	9/30/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Milford Farm (71483)	Renewable Natural Gas (RNG) from Swine Manure from the South Cluster of Milford Farm, Milford, UT; RNG pipelined to multiple California fueling stations (Provisional)	None	Retired
B021901	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: HOMAN FARM (71343); RNG produced from swine manure of Homan Farm and upgraded at Homan Farm Upgrading, King City, MO; RNG pipelined to California for transportation use (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B02190100	-412.71	9/30/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	HOMAN FARM (71343)	RNG produced from swine manure of Homan Farm and upgraded at Homan Farm Upgrading, King City, MO; RNG pipelined to California for transportation use (Provisional)	None	Retired
B016501	Tier 2	3.0	Fuel Producer: Trillum Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Biogas from Dairy Manure at Exum Dairy in Stratford, Texas; Upgraded biomethane pipelined to California for transportation use (Provisional)	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01020200	-289.76	CNG026B01650100	-406.35	9/30/2021	Application Package	Bio-CNG	Trillum Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Biogas from Dairy Manure at Exum Dairy in Stratford, Texas; Upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
B018501	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #8 LLC dba S&S Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01850100	-389.66	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #8 LLC dba S&S Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	None	Retired
B018502	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #9 LLC dba Moonlight Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01850200	-388.91	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #9 LLC dba Moonlight Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	None	Retired
B019801	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABEC# 5 LLC dba Trilogy Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01980100	-388.29	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABEC# 5 LLC dba Trilogy Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
A039401	Tier 1	3.0	Fuel Producer: America Agri Products/Wheatland, LLC (6095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill; Wet DGS, Syrup, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00360100	67.09	ETH009A03940100	66.71	10/14/2021	None	Ethanol	America Agri Products/Wheatland, LLC (6095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill; Wet DGS, Syrup, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California. (Provisional)	None	Retired
A039402	Tier 1	3.0	Fuel Producer: America Agri Products/Wheatland, LLC (6095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A00360200	32.40	ETH012A03940200	27.87	10/14/2021	None	Ethanol	America Agri Products/Wheatland, LLC (6095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (Provisional)	None	Retired
A040201	Tier 1	3.0	Fuel Producer: Siouland Ethanol, LLC (6026); Facility Name: Siouland Ethanol (70134); Midwest Corn, Dry Mill; Dry DGS and MDGS, Corn oil; Natural Gas, Landfill Gas, Combined-Heat and Power and Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00340100	66.23	ETH009A04020100	63.73	10/11/2021	None	Ethanol	Siouland Ethanol, LLC (6026)	Siouland Ethanol (70134)	Midwest Corn, Dry Mill; Dry DGS and MDGS, Corn oil; Natural Gas, Landfill Gas, Combined-Heat and Power and Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	None	Retired
A037903	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California. (Provisional)	Texas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A03790300	64.00	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California. (Provisional)	None	Retired
A037803	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A01610300	66.62	ETH010A03780300	66.28	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A037805	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (70039); Local Sorghum, Dry Mill, Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A01610500	74.57	ETH010A03780500	73.81	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (70039)	Local Sorghum, Dry Mill, Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	None	Retired
A042301	Tier 1	3.0	Fuel Producer: Homeland Energy Solutions LLC (3220); Facility Name: Homeland Energy Solutions LLC (70188); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Ethanol produced in Lawler, Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETHC292	73.11	ETH009A04230100	70.88	10/26/2021	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Ethanol produced in Lawler, Iowa; Ethanol transported by rail to California. (Provisional)	None	Retired
A042302	Tier 1	3.0	Fuel Producer: Homeland Energy Solutions LLC (3220); Facility Name: Homeland Energy Solutions LLC (70188); Corn Kernel Fiber Ethanol produced from the EDENIQ process; Natural Gas, and Grid Electricity; Ethanol produced in Lawler, Iowa; and transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04230200	24.02	10/26/2021	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Corn Kernel Fiber Ethanol produced from the EDENIQ process; Natural Gas, and Grid Electricity; Ethanol produced in Lawler, Iowa; and transported by rail to California (Provisional)	None	Retired
T1N-1769	Tier 1	2.0	Fuel Producer: Fuel Producer: REG Seneca, LLC (3652); Facility Name: Fuel Producer: REG Seneca, LLC (80232); U.S. sourced corn oil, Biodiesel produced in Seneca, Illinois and transported by rail to California	Illinois	Corn Oil	Biodiesel	None	None	BDC213	34.02	4/2/2018	None	Biodiesel	REG Seneca, LLC (3652)	Fuel Producer: REG Seneca, LLC (80232)	U.S. sourced corn oil, Biodiesel produced in Seneca, Illinois and transported by rail to California	None	Retired
A038001	Tier 1	3.0	Fuel Producer: GHI Energy, LLC (6156); Facility Name: Fort Bend Power Producers (shared facility) (7113a); Biomethane from Fort Bend Regional Landfill in Needville, Texas, pipelined to California for compression to CNG.	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A03800100	34.94	11/4/2021	None	Bio-CNG	GHI Energy, LLC (6156)	Fort Bend Power Producers (shared facility) (7113a)	Biomethane from Fort Bend Regional Landfill in Needville, Texas, pipelined to California for compression to CNG.	None	Retired
A041601	Tier 1	3.0	Fuel Producer: TRUSTAR ENERGY LLC (6523); Facility Name: Greentree Landfill Gas Company (F00212); Biomethane from Greentree Landfill in Kersey, Pennsylvania, pipelined to California for compression to CNG.	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A04160100	66.18	11/23/2021	None	Bio-CNG	TRUSTAR ENERGY LLC (6523)	Greentree Landfill Gas Company (F00212)	Biomethane from Greentree Landfill in Kersey, Pennsylvania, pipelined to California for compression to CNG.	None	Retired
A042601	Tier 1	3.0	Fuel Producer: Western Iowa Energy (4670); Facility Name: Western Iowa Energy (82630); Biodiesel produced from US sourced tallow; finished fuel transported to California by rail for use as a transportation fuel. (Provisional)	Iowa	(animal and poultry fat)	Biodiesel (BIO)	BDT211	31.19	BIO002A04260100	29.23	12/22/2021	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Biodiesel produced from US sourced tallow; finished fuel transported to California by rail for use as a transportation fuel. (Provisional)	None	Retired
A042602	Tier 1	3.0	Fuel Producer: Western Iowa Energy (4670); Facility Name: Western Iowa Energy (82630); Biodiesel produced from US sourced Soy Oil; finished fuel transported by rail to California for use as a transportation fuel. (Provisional)	Iowa	Soybean Oil (005)	Biodiesel (BIO)	BDS206	54.50	BIO005A04260200	55.05	12/22/2021	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Biodiesel produced from US sourced Soy Oil; finished fuel transported by rail to California for use as a transportation fuel. (Provisional)	None	Retired
B020701	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Dane Renewable Energy, LLC (F00235); Renewable Natural Gas (RNG) from Dairy Manure from the Statz Home Farm and (5) satellite farms in Sun Prairie, WI; RNG pipelined to multiple California fueling stations (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B02070100	-135.37	12/29/2021	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	Dane Renewable Energy, LLC (F00235)	Renewable Natural Gas (RNG) from Dairy Manure from the Statz Home Farm and (5) satellite farms in Sun Prairie, WI; RNG pipelined to multiple California fueling stations (Provisional)	None	Retired
B020702	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Dane Renewable Energy, LLC (F00235); Renewable Natural Gas (RNG) from Dairy Manure from the Statz B Farm; RNG pipelined to multiple California fueling stations (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B02070200	-211.01	12/29/2021	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	Dane Renewable Energy, LLC (F00235)	Renewable Natural Gas (RNG) from Dairy Manure from the Statz B Farm; RNG pipelined to multiple California fueling stations (Provisional)	None	Retired
B022001	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: SOMERSET FARM (71381); Biogas from Swine Manure at Somerset Farm in Powersville, MO; upgraded biomethane pipelined to California for transportation use (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02200100	-345.80	CNG044B02200101	-410.57	12/31/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	SOMERSET FARM (71381)	Biogas from Swine Manure at Somerset Farm in Powersville, MO; upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
B024001	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Corn Oil, pre-treated at Beatrice, NB; transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RND003B01930100	None	RND003B02400100	29.79	12/28/2021	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Corn Oil, pre-treated at Beatrice, NB; transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B024002	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Soybean Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Soybean Oil (005)	Renewable Diesel (RND)	RND005B01930200	None	RND005B02400200	57.64	12/28/2021	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Soybean Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024003	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S Sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	(animal and poultry fat)	Renewable Diesel (RND)	None	None	RND002B02400300	33.34	12/28/2021	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S Sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024004	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Corn Oil, pre-treated at Beatrice, NB; transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	RNT003B01930300	34.90	RNT003B02400400	29.79	12/28/2021	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Corn Oil, pre-treated at Beatrice, NB; transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024005	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Soybean Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Soybean Oil (005)	Renewable Naphtha (RNT)	RNT005B01930400	64.24	RNT005B02400500	57.64	12/28/2021	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Soybean Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024006	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	oking Oil/Waste Oil (UCO)	Renewable Naphtha (RNT)	None	None	RNT001B02400600	21.09	12/28/2021	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024007	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	(animal and poultry fat)	Renewable Naphtha (RNT)	None	None	RNT002B02400700	33.34	12/28/2021	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024008	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	oking Oil/Waste Oil (UCO)	Renewable Diesel (RND)	None	None	RND001B02400800	21.09	12/28/2021	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	Retired
B024101	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from Soybean Oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	California	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B02410100	54.68	12/28/2021	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from Soybean Oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	None	Retired
B024103	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from Canola Oil transported by rail and ocean tanker to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	California	Canola Oil (006)	Renewable Diesel (RND)	None	None	RND006B02410300	51.87	12/28/2021	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from Canola Oil transported by rail and ocean tanker to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A043602	Tier 1	3.0	Fuel Producer: AL CORN CLEAN FUEL, LLC (4825); Facility Name: AL CORN CLEAN FUEL, LLC (70087); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process (Edeniq); Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04360200	24.89	2/1/2022	None	Ethanol	AL CORN CLEAN FUEL, LLC (4825)	AL CORN CLEAN FUEL, LLC (70087)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process (Edeniq); Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	None	Retired
B025101	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B02510100	60.13	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025102	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RND003B00540100	27.42	RND003B02510200	27.64	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025103	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC)	Renewable Diesel (RND)	RND001B00540200	19.92	RND001B02510300	19.75	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025104	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC)	Renewable Diesel (RND)	None	None	RND001B02510400	18.16	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025105	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00540300	31.86	RND002B02510500	32.14	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025106	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Diesel (RND)	None	None	RND002B02510600	42.48	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025107	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Soybean Oil (005)	Renewable Naphtha (RNT)	None	None	RNT005B02510700	60.13	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025108	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	None	None	RNT003B02510800	27.64	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025109	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC)	Renewable Naphtha (RNT)	None	None	RNT001B02510900	19.75	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025110	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC)	Renewable Naphtha (RNT)	None	None	RNT001B02511000	18.16	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B025111	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Naphtha (RNT)	None	None	RNT002B02511100	32.14	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B025112	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (61496); Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Naphtha (RNT)	None	None	RNT002B02511200	42.48	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (61496)	Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	None	Retired
B026801	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B00450100	25.08	AJF002B02680100	18.87	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	None	Retired
B026802	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00450200	25.08	RND002B02680200	18.87	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B026803	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B00450300	25.08	RNT002B02680300	18.87	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B026810	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B01680100	33.42	AJF002B02681000	29.26	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	None	Retired
B026811	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B01680200	33.42	RND002B02681100	29.26	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B026812	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B01680300	33.42	RNT002B02681200	29.26	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B021601	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02160100	-382.83	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	None	Retired
B021602	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as LNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	None	None	LNG026B02160200	-369.56	3/30/2022	Application Package	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as LNG (Provisional)	None	Retired
B021603	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as L-CNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN026B02160300	-366.02	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as L-CNG (Provisional)	None	Retired
B021701	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC in Grand Marsh, WI; LLC; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02170100	-303.92	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC in Grand Marsh, WI; LLC; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	None	Retired
B021702	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for final use (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	None	None	LNG026B02170200	-290.16	3/30/2022	Application Package	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for final use (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B021703	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for Liquefaction; LNG trucked to California for use as L-CNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN026B02170300	-286.62	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for use as L-CNG (Provisional)	None	Retired
B026701	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A02850500	25.22	BIO003B02670100	28.67	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	None	Retired
B026702	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North American sourced Animal Fat transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	(animal and poultry fat)	Biodiesel (BIO)	BIO002A02850600	30.94	BIO002B02670200	32.53	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North American sourced Animal Fat transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	None	Retired
B028001	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Homan Farm, King City, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	California	Swine Manure (044)	Gaseous Hydrogen (HYG)	None	None	HYG044B02800100	-374.14	3/29/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Homan Farm, King City, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	None	Retired
B028002	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Valley View Farm, Greencastle, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	California	Swine Manure (044)	Gaseous Hydrogen (HYG)	None	None	HYG044B02800200	-390.47	3/29/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Valley View Farm, Greencastle, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	None	Retired
A045501	Tier 1	3.0	Fuel Producer: BLUE SOURCE LLC (6086) ; Facility Name: Theresa Street Water Resource Recovery Facility (F00343); Biomethane from Waste Water Treatment Plant in Lincoln Nebraska, pipelined to California, compressed to CNG as indirect accounting of RNG dispensed in California (Provisional)	Nebraska	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A04550100	43.12	4/14/2022	None	Bio-CNG	BLUE SOURCE LLC (6086)	Theresa Street Water Resource Recovery Facility (F00343)	Biomethane from Waste Water Treatment Plant in Lincoln Nebraska, pipelined to California, compressed to CNG as indirect accounting of RNG dispensed in California (Provisional)	None	Retired
B037802	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at Linde-Praxair SMR using Biomethane derived from landfill gas generated at Johnstown Regional Energy - Raeger Landfill in Johnstown, PA; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025B03780200	75.16	12/19/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at Linde-Praxair SMR using Biomethane derived from landfill gas generated at Johnstown Regional Energy - Raeger Landfill in Johnstown, PA; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	None	Retired
A016501	Tier 1	3.0	Fuel Producer: NEWPORT BIODIESEL INC (7764); Facility Name: NEWPORT BIODIESEL LLC (83532); Northeast US sourced Self-Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail to California	Rhode Island	oking Oil/Waste Oil (UC)	Biodiesel (BIO)	BIO0001A01650100	15.24	BIO0001A01650102	15.02	12/16/2019	None	Biodiesel	NEWPORT BIODIESEL INC (7764)	NEWPORT BIODIESEL LLC (83532)	Northeast US sourced Self-Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail to California	2021 AFPR Recert Complete	Retired
B004303	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Naphtha produced from North America Rendered Animal Fat, Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	None	None	RNT002B000430300	37.13	12/27/2019	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Naphtha produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
A016001	Tier 1	3.0	Fuel Producer: Iogen D3 Biofuel Partners LLC (6486); Facility Name: GSF Energy-Rumpke Landfill (71138S); Landfill Gas generated at the Rumpke Landfill; upgraded to pipeline-quality biomethane in Cincinnati, Ohio; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A01600100	44.90	CNG025A01600102	45.59	12/20/2019	None	Bio-CNG	Iogen D3 Biofuel Partners LLC (6486)	GSF Energy-Rumpke Landfill (71138S)	Landfill Gas generated at the Rumpke Landfill; upgraded to pipeline-quality biomethane in Cincinnati, Ohio; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	2021 AFPR Recert Complete	Retired
A016502	Tier 1	3.0	Fuel Producer: NEWPORT BIODIESEL INC (7764); Facility Name: NEWPORT BIODIESEL LLC (83532); Northeast US sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail California	Rhode Island	oking Oil/Waste Oil (UC)	Biodiesel (BIO)	BIO0001A01650200	18.60	BIO0001A01650202	17.61	12/16/2019	None	Biodiesel	NEWPORT BIODIESEL INC (7764)	NEWPORT BIODIESEL LLC (83532)	Northeast US sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Newport, RI; Biodiesel transported by rail California	2021 AFPR Recert Complete	Retired
B008901	Tier 2	3.0	Fuel Producer: Gallo Cattle Company, LP (C1029) ; Facility Name: Cottonwood Dairy (F00094); Low-CJ electricity from dairy manure and cheese wastewater biogas, using reciprocating engine at Cottonwood Dairy in Alwata, California for use as transportation fuel in California.	California	Dairy Manure (026)	Electricity (ELC)	ELC026B000890101	-126.52	ELC026B000890103	-93.58	3/25/2021	None	Electricity	Gallo Cattle Company, LP (C1029)	Cottonwood Dairy (F00094)	Low-CJ electricity from dairy manure and cheese wastewater biogas, using reciprocating engine at Cottonwood Dairy in Alwata, California for use as transportation fuel in California.	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029701	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Kansas	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02970101	58.34	LNG025A02970102	60.50	12/15/2020	None	Bio-LNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	2021 AFPR Recert Complete	Retired
B004301	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Jet produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF0002B00430100	37.13	AJF002B00430102	38.93	12/27/2019	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Jet produced from North America Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Jet produced in California (Provisional)	2021 AFPR Recert Complete	Retired
B004403	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable Naphtha produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B00440300	42.91	RNT002B00440302	44.72	12/27/2019	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable Naphtha produced from Australia Rendered Animal Fat; Natural Gas, Grid Electricity and Hydrogen; Renewable Naphtha produced in California	2021 AFPR Recert Complete	Retired
B016801	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Renewable jet fuel produced from animal fat in Dimmore, Australia; natural gas, grid electricity and hydrogen; renewable jet fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B01680100	33.42	AJF002B01680101	35.53	6/29/2021	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Renewable jet fuel produced from animal fat in Dimmore, Australia; natural gas, grid electricity and hydrogen; renewable jet fuel produced in California (Provisional)	2021 AFPR Recert Complete	Retired
A006402	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784) ; Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00640200	68.04	ETH009A00640200	64.75	5/7/2019	None	Ethanol	POET Biorefining - Gowrie (4784)	POET Biorefining - Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
None	Lookup Table	3.0	CARBOB - based on the average crude oil supplied to California refineries and average California refinery efficiencies	California	Crude Oil	CARBOB	None	None	CBO000L00072019	100.82	NA	None	CARBOB	NA	NA	CARBOB based on the average crude oil supplied to California refineries and average California refinery efficiencies	None	
T1N-1734	Tier 1	2.0	Fuel Producer: Global Alternative Fuels, LLC (7765); Facility Name: Global Alternative Fuels, LLC (83533); High energy rendered Used Cooking Oil (UCO), UCO shipped by truck less than 1,000 miles, Biodiesel produced in Texas, shipped by rail to California	Texas	Used Cooking Oil (UCO)	Biodiesel	BDU226	22.80	BDU226R	24.41	11/28/2018	None	Biodiesel	Global Alternative Fuels, LLC (7765)	Global Alternative Fuels, LLC (83533)	High energy rendered Used Cooking Oil (UCO), UCO shipped by truck less than 1,000 miles, Biodiesel produced in Texas, shipped by rail to California	None	
A007701	Tier 1	3.0	Fuel Producer: Western Plains Energy, LLC (4740) ; Facility Name: Western Plains Energy, LLC (70030); Midwest Corn and Sorghum, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn and Sorghum along with Syrup, Corn Oil in Oakley, Kansas; Ethanol transported by rail to California	Kansas	Corn (009)	Ethanol (ETH)	ETHC278	70.60	ETH009A00770100	62.91	4/15/2019	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Corn and Sorghum, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn and Sorghum along with Syrup, Corn Oil in Oakley, Kansas; Ethanol transported by rail to California	None	
A007702	Tier 1	3.0	Fuel Producer: Western Plains Energy, LLC (4740); Facility Name: Western Plains Energy, LLC (70030); Pathway Description: Midwest Corn and Sorghum, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn and Sorghum along with Syrup, Corn Oil in Oakley, Kansas; Ethanol transported by rail to California	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETHG215	78.55	ETH010A00770200	66.64	4/15/2019	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Corn and Sorghum, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn and Sorghum along with Syrup, Corn Oil in Oakley, Kansas; Ethanol transported by rail to California	None	
A003201	Tier 1	3.0	Fuel Producer: Scott Petroleum Inc. (4840); Facility Name: Scott Petroleum Biodiesel Refinery (82908); U.S. sourced Rendered UCO; Biodiesel produced in Greenville, MS and transported by rail to California	Mississippi	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU217	27.90	BIO001A00320100	20.92	5/28/2019	None	Biodiesel	Scott Petroleum Inc (4840)	Scott Petroleum Biodiesel Refinery (82908)	U.S. sourced Rendered UCO; Biodiesel produced in Greenville, MS and transported by rail to California	None	Retired
A003202	Tier 1	3.0	Fuel Producer: Scott Petroleum Inc. (4840); Facility Name: Scott Petroleum Biodiesel Refinery (82908); U.S. sourced Distillers' Corn Oil; Biodiesel produced in Greenville, MS and transported by rail to California	Mississippi	Distillers' Corn Oil (003)	Biodiesel (BIO)	None	None	BIO003A00320200	28.43	5/28/2019	None	Biodiesel	Scott Petroleum Inc (4840)	Scott Petroleum Biodiesel Refinery (82908)	U.S. sourced Distillers' Corn Oil; Biodiesel produced in Greenville, MS and transported by rail to California	None	Retired
None	Lookup Table	3.0	ULSD - based on the average crude oil supplied in California refineries and average California refinery efficiencies	NA	Crude Oil	Diesel	None	None	ULS000L00072019	100.45	NA	None	Diesel	NA	NA	ULSD - based on the average crude oil supplied in California refineries and average California refinery efficiencies	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
None	Lookup Table	3.0	Compressed Natural Gas from Pipeline Average North Ame	NA	North American Fossil NG (031)	Compressed Natural Gas (CNG)	None	None	CNG000L00072019	79.21	NA	None	Fossil CNG	NA	NA	Compressed Natural Gas from Pipeline Average North American Fossil Natural Gas	None	
None	Lookup Table	3.0	Fossil LPG from crude oil refining and natural gas processin	NA	Crude Oil	Propane (LPG)	None	None	LPG000L00072019	83.19	NA	None	Propane	NA	NA	Fossil LPG from crude oil refining and natural gas processing used as a transport fuel	None	
None	Lookup Table	3.0	Electricity that is generated from 100 percent zero-CI source	NA	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	NA	None	Electricity	NA	NA	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
None	Lookup Table	3.0	Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	NA	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025L00072019	99.48	NA	None	Hydrogen	NA	NA	Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	None	
None	Lookup Table	3.0	Compressed H2 produced in California from central SMR of North American fossil-based NG	NA	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031L00072019	117.67	NA	None	Hydrogen	NA	NA	Compressed H2 produced in California from central SMR of North American fossil-based NG	None	
None	Lookup Table	3.0	Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources	NA	Zero-CI Sources (037)	Gaseous Hydrogen (HYG)	None	None	HYG037L00072019	10.51	NA	None	Hydrogen	NA	NA	Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources	None	
None	Lookup Table	3.0	Compressed H2 produced in California from electrolysis using California average grid electricity	NA	Grid Electricity (039)	Gaseous Hydrogen (HYG)	None	None	HYG039L00072019	164.46	NA	None	Hydrogen	NA	NA	Compressed H2 produced in California from electrolysis using California average grid electricity	None	
None	Lookup Table	3.0	Liquefied H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	NA	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025L00072019	129.09	NA	None	Hydrogen	NA	NA	Liquefied H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	None	
None	Lookup Table	3.0	Liquefied H2 produced in California from central SMR of North American fossil-based NG	NA	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	NA	None	Hydrogen	NA	NA	Liquefied H2 produced in California from central SMR of North American fossil-based NG	None	
A008302	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Canola Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	Minnesota	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A00830200	48.49	6/7/2019	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Canola Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	None	Retired
A008301	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Soybean Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	Minnesota	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A00830100	53.68	6/7/2019	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Soybean Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	None	Retired
A010001	Tier 1	3.0	Fuel Producer: The Andersons, Inc (5872); Facility Name: The Andersons Denison Ethanol (70135); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETHC275	76.35	ETH009A01000100	71.62	6/7/2019	None	Ethanol	The Andersons, Inc (5872)	The Andersons Denison Ethanol (70135)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
None	Lookup Table	3.0	Fuel Producer: BMW of North America, LLC (C1033); Smart Charging Lookup Table Pathway	NA	Smart Charging or Smart Electrolysis (047)	Electricity (ELC)	None	None	NA	N/A	6/30/2019	See Cfs	Electricity	BMW of North America, LLC (C1033)	NA	Smart Charging Lookup Table Pathway	None	
A012501	Tier 1	3.0	Fuel Producer: Plymouth Energy LLC (5474); Facility Name: Plymouth Energy LLC (70183); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Merrill, Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETHC285	83.47	ETH009A01250100	75.16	8/6/2019	None	Ethanol	Plymouth Energy LLC (5474)	Plymouth Energy LLC (70183)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Merrill, Iowa; Ethanol transported by rail to California	None	
None	Lookup Table	3.0	Fuel Producer: Southern California Edison; Smart Charging Lookup Table Pathway	NA	Smart Charging or Smart Electrolysis (047)	Electricity (ELC)	None	None	NA	N/A	9/30/2019	See Cfs	Electricity	Southern California Edison	NA	Smart Charging Lookup Table Pathway	None	
A014103	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846); Facility Name: HPB - St. Joe Biodiesel LLC (80059); Rendered Used Cooking Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	Missouri	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01410300	22.62	9/25/2019	None	Biodiesel	High Plains Bioenergy (4846)	HPB - St. Joe Biodiesel LLC (80059)	Rendered Used Cooking Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	None	
A017401	Tier 1	3.0	Fuel Producer: Nebraska Corn Processing (3516); Facility Name: Nebraska Corn Processing LLC (70230); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Cambridge, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETHC227	71.84	ETH009A01740100	65.77	10/17/2019	None	Ethanol	Nebraska Corn Processing (3516)	Nebraska Corn Processing LLC (70230)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Cambridge, Nebraska; Ethanol transported by rail to California	None	Retired
A011701	Tier 1	3.0	Fuel Producer: Raizen Tarumã S/A (3807); Facility Name: Maracai (70347); Brazilian Sugarcane, Credit for Electricity co-product export and mechanized harvesting; Ethanol produced from Sugarcane Juice and Molasses in Maracai, Brazil; Ethanol transported by Ocean Tanker to California	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A01170100	51.88	11/5/2019	None	Ethanol	Raizen Tarumã S/A (3807)	Maracai (70347)	Brazilian Sugarcane, Credit for Electricity co-product export and mechanized harvesting; Ethanol produced from Sugarcane Juice and Molasses in Maracai, Brazil; Ethanol transported by Ocean Tanker to California	None	
A015301	Tier 1	3.0	Fuel Producer: Raizen Tarumã S/A (3807); Facility Name: Tarumã (70338); Brazilian Sugarcane, Credit for Electricity co-product export and mechanized harvesting; Ethanol produced from Sugarcane Juice and Molasses in Taruma, Brazil; Ethanol transported by Ocean Tanker to California	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A01530100	56.35	11/5/2019	None	Ethanol	Raizen Tarumã S/A (3807)	Tarumã (70338)	Brazilian Sugarcane, Credit for Electricity co-product export and mechanized harvesting; Ethanol produced from Sugarcane Juice and Molasses in Taruma, Brazil; Ethanol transported by Ocean Tanker to California	None	
A008201	Tier 1	3.0	Fuel Producer: GFP Ethanol, LLC dba Calgren Renewable Fuels (7354) ; Facility Name: GFP Ethanol, LLC dba Calgren Renewable Fuels (70317); Midwest Corn, Dry Mill; Wet DGS and Corn oil; Natural Gas and Biogas; Starch Ethanol produced in Pixley, California; Ethanol transported by truck to fueling stations (Provisional)	California	Corn (009)	Ethanol (ETH)	ETHC316	63.01	ETH009A00820100	58.95	12/17/2019	None	Ethanol	GFP Ethanol, LLC dba Calgren Renewable Fuels (7354)	GFP Ethanol, LLC dba Calgren Renewable Fuels (70317)	Midwest Corn, Dry Mill; Wet DGS and Corn oil; Natural Gas and Biogas; Starch Ethanol produced in Pixley, California; Ethanol transported by truck to fueling stations (Provisional)	None	
A016901	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Ninety-First Avenue Renewable Biogas LLC (70241); Digester Gas generated at the 91st Ave WWTP; upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to LNG stations in California. (Provisional)	Arizona	Wastewater Sludge (030)	Liquefied Natural Gas (LNG)	None	None	LNG030A01690100	41.58	12/18/2019	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Ninety-First Avenue Renewable Biogas LLC (70241)	Digester Gas generated at the 91st Ave WWTP; upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to LNG stations in California. (Provisional)	None	Retired
A016902	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Ninety-First Avenue Renewable Biogas LLC (70241); Digester Gas generated at the 91st Ave WWTP; upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to California; re-gasified and dispensed as (Provisional)	Arizona	Wastewater Sludge (030)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN030A01690200	44.67	12/18/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Ninety-First Avenue Renewable Biogas LLC (70241)	Digester Gas generated at the 91st Ave WWTP; upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to California; re-gasified and dispensed as (Provisional)	None	Retired
A011401	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Ameresco San Antonio Biogas (71204); Biomethane generated at the SAWS Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to LNG stations in CA	Texas	Wastewater Sludge (030)	Liquefied Natural Gas (LNG)	None	None	LNG030A01140100	54.76	12/19/2019	None	Bio-LNG	Element Markets Renewable Energy, LLC (5877)	Ameresco San Antonio Biogas (71204)	Biomethane generated at the SAWS Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to LNG stations in CA	None	
A011402	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877) ; Facility Name: Ameresco San Antonio Biogas (71204); Biomethane generated at the SAWS Dos Rios Water Recycling; upgraded to pipeline-quality biomethane in San Antonio, TX; delivered via pipeline to liquefaction facility in Topock, AZ; liquefied & transported by truck to CA; re-gasified & dispensed as CNG	Texas	Wastewater Sludge (030)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN030A01140200	57.84	12/19/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Ameresco San Antonio Biogas (71204)	Biomethane generated at the SAWS Dos Rios Water Recycling; upgraded to pipeline-quality biomethane in San Antonio, TX; delivered via pipeline to liquefaction facility in Topock, AZ; liquefied & transported by truck to CA; re-gasified & dispensed as CNG	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A013502	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846) ; Facility Name: High Plains Bioenergy (82883); Biodiesel produced from Midwest Soybean Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	Oklahoma	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A01350200	55.82	12/20/2019	None	Biodiesel	High Plains Bioenergy (4846)	High Plains Bioenergy (82883)	Biodiesel produced from Midwest Soybean Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	None	Retired
A013503	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846); Facility Name: High Plains Bioenergy (82883); Biodiesel produced from U.S-sourced Used Cooking Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	Oklahoma	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01350300	20.68	12/20/2019	None	Biodiesel	High Plains Bioenergy (4846)	High Plains Bioenergy (82883)	Biodiesel produced from U.S-sourced Used Cooking Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	None	Retired
B003301	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Air Products and Chemicals, Inc. (F00080); Liquefied Hydrogen from North American fossil natural gas at Air Products & Chemicals Inc., Sacramento, delivered to Compton, California by liquid hydrogen truck for use in forklifts	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031B00330100	153.17	12/31/2019	Application Package	Hydrogen	CleanFuture, Inc. (C1001)	Air Products and Chemicals, Inc. (F00080)	Liquefied Hydrogen from North American fossil natural gas at Air Products & Chemicals Inc., Sacramento, delivered to Compton, California by liquid hydrogen truck for use in forklifts	None	
B003701	Tier 2	3.0	Fuel Producer: SMUD (S338); Facility Name: Van Warmerdam Dairy Digester (V4907); Low CI electricity from dairy manure biogas using reciprocating engine at Van Warmerdam Dairy in Galt, California for use as transportation fuel in California	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B00370100	-592.68	12/31/2019	Application Package	Electricity	SMUD (S338)	Van Warmerdam Dairy Digester (V4907)	Low CI electricity from dairy manure biogas using reciprocating engine at Van Warmerdam Dairy in Galt, California for use as transportation fuel in California	None	
B003801	Tier 2	3.0	Fuel Producer: SMUD (S338); Facility Name: Van Steyn Dairy Digester (V1125); Low-CI electricity from dairy manure biogas using reciprocating engine at Van Steyn Dairy in Elk Grove, California for use as transportation fuel in California	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B00380100	-630.72	12/31/2019	Application Package	Electricity	SMUD (S338)	Van Steyn Dairy Digester (V1125)	Low-CI electricity from dairy manure biogas using reciprocating engine at Van Steyn Dairy in Elk Grove, California for use as transportation fuel in California	None	
A016601	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Milam High Btu Gas Plant (71208); East Saint Louis Landfill Gas to pipeline-quality biomethane in Saint Louis, Illinois; Delivered via pipeline; Compression to CNG stations in California	Illinois	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF270	62.72	CNG025A01660100	60.09	12/20/2019	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Milam High Btu Gas Plant (71208)	East Saint Louis Landfill Gas to pipeline-quality biomethane in Saint Louis, Illinois; Delivered via pipeline; Compression to CNG stations in California	None	
A016602	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978) ; Facility Name: Milam High Btu Gas Plant (71208); East Saint Louis Landfill Gas to pipeline-quality biomethane in Saint Louis, Illinois; Delivered via pipeline to liquefaction facility in Topock, Arizona; Transported by truck to California LNG stations	Illinois	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNGLF228	76.13	LNG025A01660200	80.27	12/20/2019	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Milam High Btu Gas Plant (71208)	East Saint Louis Landfill Gas to pipeline-quality biomethane in Saint Louis, Illinois; Delivered via pipeline to liquefaction facility in Topock, Arizona; Transported by truck to California LNG stations	None	
A016603	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Milam High Btu Gas Plant (71208); East Saint Louis Landfill Gas to pipeline-quality biomethane in Saint Louis, Illinois; Delivered via pipeline to liquefaction facility in Topock, Arizona; Transported by truck to California to regasified and compressed to L-CNG	Illinois	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	CNGLF271	78.68	LCN025A01660300	83.36	12/20/2019	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Milam High Btu Gas Plant (71208)	East Saint Louis Landfill Gas to pipeline-quality biomethane in Saint Louis, Illinois; Delivered via pipeline to liquefaction facility in Topock, Arizona; Transported by truck to California to regasified and compressed to L-CNG	None	
B005001	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Liquefied Hydrogen from fossil natural gas at Praxair-Linde Ontario, delivered to stations in Northern California by liquid hydrogen truck for use in fuel cell vehicles.	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031B00500100	153.36	1/13/2020	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Liquefied Hydrogen from fossil natural gas at Praxair-Linde Ontario, delivered to stations in Northern California by liquid hydrogen truck for use in fuel cell vehicles.	None	
L000301	Lookup Table	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: CleanFuture (F00024); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	Oregon	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/28/2019	None	Electricity	CleanFuture, Inc. (C1001)	CleanFuture (F00024)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L000701	Lookup Table	3.0	Fuel Producer: EVgo Services LLC (C1101); Facility Name: EVgo Services LLC (F00033); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/3/2019	None	Electricity	EVgo Services LLC (C1101)	EVgo Services LLC (F00033)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L001301	Lookup Table	3.0	Fuel Producer: SRECTrade, Inc (C1018) ; Facility Name: SRECTrade, Inc. Zero CI Electricity (F00043); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	5/7/2019	None	Electricity	SRECTrade, Inc (C1018)	SRECTrade, Inc. Zero CI Electricity (F00043)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L005901	Lookup Table	3.0	Fuel Producer: Alameda Municipal Power (C1021); Facility Name: Alameda Municipal Power (F00056); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/14/2019	None	Electricity	Alameda Municipal Power (C1021)	Alameda Municipal Power (F00056)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L006501	Lookup Table	3.0	Fuel Producer: ChargePoint, Inc. (C1028); Facility Name: Chargepoint, Inc. (F00061); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/27/2019	None	Electricity	ChargePoint, Inc. (C1028)	Chargepoint, Inc. (F00061)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L007501	Lookup Table	3.0	Fuel Producer: East Bay Community Energy Authority (C1022); Facility Name: East Bay Community Energy (F0054); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/25/2019	None	Electricity	East Bay Community Energy Authority (C1022)	East Bay Community Energy (F0054)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L008101	Lookup Table	3.0	Fuel Producer: BMW of North America, LLC (C1033); Facility Name: BMW of North America, LLC Corporate Headquarters (F00076); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	New Jersey	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/6/2019	None	Electricity	BMW of North America, LLC (C1033)	BMW of North America, LLC Corporate Headquarters (F00076)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L008201	Lookup Table	3.0	Fuel Producer: Port of Oakland (C1035); Facility Name: Port of Oakland (F00078); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/16/2019	None	Electricity	Port of Oakland (C1035)	Port of Oakland (F00078)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L008301	Lookup Table	3.0	Fuel Producer: Jaguar Land Rover North America, LLC (C1032); Facility Name: Jaguar Land Rover North America, LLC (F00083); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	New Jersey	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/29/2019	None	Electricity	Jaguar Land Rover North America, LLC (C1032)	Jaguar Land Rover North America, LLC (F00083)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L008701	Lookup Table	3.0	Fuel Producer: Sonoma Clean Power Authority (C1012); Facility Name: Golden Hills North Wind Energy Center (F00087); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/29/2019	None	Electricity	Sonoma Clean Power Authority (C1012)	Golden Hills North Wind Energy Center (F00087)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L009001	Lookup Table	3.0	Fuel Producer: Beyond Energy, LLC (C1041); Facility Name: Beyond Energy, LLC (F00090); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/25/2019	None	Electricity	Beyond Energy, LLC (C1041)	Beyond Energy, LLC (F00090)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L009301	Lookup Table	3.0	Fuel Producer: Bridge to Renewables, Benefit LLC (C1006); Facility Name: Bridge to Renewables Corporate Headquarters (F00099); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	Washington D.C.	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/3/2019	None	Electricity	Bridge to Renewables, Benefit LLC (C1006)	Bridge to Renewables Corporate Headquarters (F00099)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L009801	Lookup Table	3.0	Fuel Producer: San Diego Metropolitan Transit Center (S304); Facility Name: San Diego Metropolitan Transit System (F00106); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/3/2019	None	Electricity	San Diego Metropolitan Transit Center (S304)	San Diego Metropolitan Transit System (F00106)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L009901	Lookup Table	3.0	Fuel Producer: SMUD (S338); Facility Name: Sacramento Municipal Utility District (F00116); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/3/2019	None	Electricity	SMUD (S338)	Sacramento Municipal Utility District (F00116)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L010001	Lookup Table	3.0	Fuel Producer: Smart Charging Technologies (C1050); Facility Name: Smart Charging Technologies OCI (F00122); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	Florida	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/17/2019	None	Electricity	Smart Charging Technologies (C1050)	Smart Charging Technologies OCI (F00122)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L010101	Lookup Table	3.0	Fuel Producer: Enel X North America, Inc. (C1051); Facility Name: Enel X North America - eMobility (F00124); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	Massachusetts	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/18/2019	None	Electricity	Enel X North America, Inc. (C1051)	Enel X North America-eMobility (F00124)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L010201	Lookup Table	3.0	Fuel Producer: JC Sales (C1031); Facility Name: JC Sales (F00125); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/18/2019	None	Electricity	JC Sales (C1031)	JC Sales (F00125)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L010401	Lookup Table	3.0	Fuel Producer: Volta Industries, Inc. (C1025); Facility Name: Volta Industries, Inc. (F00115); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	1/10/2020	None	Electricity	Volta Industries, Inc. (C1025)	Volta Industries, Inc. (F00115)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
B001901	Tier 2	3.0	Fuel Producer: ClearFuture, Inc. (C1001); Facility Name: Open Sky (F00007); Low-CI Electricity sourced from Dairy Manure Biogas using reciprocating engine in Open Sky Ranch, Riverdale, California; Electricity use as transportation fuel in California	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B00190100	-352.89	11/14/2019	Application Package	Electricity	ClearFuture, Inc. (C1001)	Open Sky (F00007)	Low-CI Electricity sourced from Dairy Manure Biogas using reciprocating engine in Open Sky Ranch, Riverdale, California; Electricity use as transportation fuel in California	None	Retired
L009501	Lookup Table	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Liquefied H2 produced in California from central SMR of North American fossil-based NG	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	12/17/2019	None	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Liquefied H2 produced in California from central SMR of North American fossil-based NG	None	
L009701	Lookup Table	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products & Chemicals SMR Sacramento (F00069); Liquefied H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025L00072019	129.09	12/4/2019	None	Hydrogen	FirstElement Fuel (E426)	Air Products & Chemicals SMR Sacramento (F00069)	Liquefied H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	None	
L005801	Lookup Table	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: Air Products Central SMR (F00051); Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025L00072019	99.48	7/16/2019	None	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Air Products Central SMR (F00051)	Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	None	
L005701	Lookup Table	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: Air Products Central SMR (F00051); Compressed H2 produced in California from central SMR of North American fossil-based NG	California	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031L00072019	117.67	7/16/2019	None	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Air Products Central SMR (F00051)	Compressed H2 produced in California from central SMR of North American fossil-based NG	None	
L007601	Lookup Table	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Carson Hydrogen Plant (F00059); Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025L00072019	99.48	7/12/2019	None	Hydrogen	Shell Energy North America (6154)	Carson Hydrogen Plant (F00059)	Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	None	
L007701	Lookup Table	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products and Chemicals SMR Wilmington, CA (F00068); Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025L00072019	99.48	7/12/2019	None	Hydrogen	FirstElement Fuel (E426)	Air Products and Chemicals SMR Wilmington, CA (F00068)	Compressed H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills	None	
L008901	Lookup Table	3.0	Fuel Producer: San Francisco Public Utilities Commission (C1003); Facility Name: R.C. Kirkwood Power House Units #1, #2, #3 (F00089); Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/27/2019	None	Electricity	San Francisco Public Utilities Commission (C1003)	R.C. Kirkwood Power House Units #1, #2, #3 (F00089)	Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	None	
L009401	Lookup Table	3.0	Fuel Producer: Oxnard Harbor District (C1030); Facility Name: Oxnard Harbor District (F00105); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/30/2019	None	Electricity	Oxnard Harbor District (C1030)	Oxnard Harbor District (F00105)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L010301	Lookup Table	3.0	Fuel Producer: Grant Farm dba Momentum Zero CI Electricity (C1054); Facility Name: Grant Farm dba Momentum (Zero-CI Lookup Table Pathway) (F00133); Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	2/11/2020	None	Electricity	Grant Farm dba Momentum Zero CI Electricity (C1054)	Grant Farm dba Momentum (Zero-CI Lookup Table Pathway) (F00133)	Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	None	
L010501	Lookup Table	3.0	Fuel Producer: 3Degrees Group, Inc. (C1055); Facility Name: 3Degrees Group, Inc. (F00137); Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/9/2020	None	Electricity	3Degrees Group, Inc. (C1055)	3Degrees Group, Inc. (F00137)	Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	None	
L010801	Lookup Table	3.0	Fuel Producer: Cruise LLC (C1064); Facility Name: Cruise Corporate Headquarters (F00144); Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/30/2020	None	Electricity	Cruise LLC (C1064)	Cruise Corporate Headquarters (F00144)	Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	None	
L010601	Lookup Table	3.0	Fuel Producer: Energy Mission Control (C1058); Facility Name: Energy Mission Control (F00142); Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/27/2020	None	Electricity	Energy Mission Control (C1058)	Energy Mission Control (F00142)	Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	None	
A019702	Tier 1	3.0	Fuel Producer: IOWA RENEWABLE ENERGY LLC (4698); Facility Name: IOWA RENEWABLE ENERGY LLC (82854); Midwest Sourced Soybean Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	Iowa	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A01970200	55.00	6/16/2020	None	Biodiesel	IOWA RENEWABLE ENERGY LLC (4698)	IOWA RENEWABLE ENERGY LLC (82854)	Midwest Sourced Soybean Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	None	
A019703	Tier 1	3.0	Fuel Producer: IOWA RENEWABLE ENERGY LLC (4698); Facility Name: IOWA RENEWABLE ENERGY LLC (82854); Midwest Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	Iowa	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A01970300	30.23	6/16/2020	None	Biodiesel	IOWA RENEWABLE ENERGY LLC (82854)	IOWA RENEWABLE ENERGY LLC (82854)	Midwest Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	None	
A019704	Tier 1	3.0	Fuel Producer: IOWA RENEWABLE ENERGY LLC (4698); Facility Name: IOWA RENEWABLE ENERGY LLC (82854); Midwest Sourced Used Cooking Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	Iowa	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A01970400	19.34	6/16/2020	None	Biodiesel	IOWA RENEWABLE ENERGY LLC (82854)	IOWA RENEWABLE ENERGY LLC (82854)	Midwest Sourced Used Cooking Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	None	
A020701	Tier 1	3.0	Fuel Producer: MEM RNG, LLC (2141); Facility Name: Blue Ridge Landfill, LLC (F00132); Biomethane from Blue Ridge Landfill in Fresno, Texas; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02070100	38.07	6/16/2020	None	Bio-CNG	MEM RNG, LLC (2141)	Blue Ridge Landfill, LLC (F00132)	Biomethane from Blue Ridge Landfill in Fresno, Texas; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel (Provisional)	None	Retired
A019701	Tier 1	3.0	Fuel Producer: IOWA RENEWABLE ENERGY LLC (4698); Facility Name: IOWA RENEWABLE ENERGY LLC (82854); Midwest Sourced Canola Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	Iowa	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A01970100	49.91	6/16/2020	None	Biodiesel	IOWA RENEWABLE ENERGY LLC (4698)	IOWA RENEWABLE ENERGY LLC (82854)	Midwest Sourced Canola Oil transported by truck to Biodiesel plant in Washington, IA; Natural Gas and Grid Electricity; Biodiesel produced in Washington and transported by rail to California	None	
A021801	Tier 1	3.0	Fuel Producer: PUBLIC UTILITY DISTRICT NO. 1 OF KLICKITAT COUNTY (2080); Facility Name: H.W. HILL RENEWABLE NATURAL GAS PROJECT (70301); Biomethane from Landfill in Roosevelt, Washington; upgrading at Public Utility District No. 1 of Klickitat County; pipelined to California for compression to CNG (Provisional)	Washington	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A02180100	37.19	6/22/2020	None	Bio-CNG	PUBLIC UTILITY DISTRICT NO. 1 OF KLICKITAT COUNTY (2080)	H.W. HILL RENEWABLE NATURAL GAS PROJECT (70301)	Biomethane from Landfill in Roosevelt, Washington; upgrading at Public Utility District No. 1 of Klickitat County; pipelined to California for compression to CNG (Provisional)	None	Retired
B009803	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure of Legacy Ranch digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00980300	-192.49	6/30/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure of Legacy Ranch digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California (Provisional)	None	Retired
B009804	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure of Cornerstone Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California; compressed to CNG for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B00980400	-323.10	6/30/2020	Application Package	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure of Cornerstone Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California; compressed to CNG for use as transportation fuel in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A023801	Tier 1	3.0	Fuel Producer: Biox Canada Limited (3758) ; Facility Name: BIOX Canada Limited (80236); US Sourced Canola Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	Canada	Canola Oil (006)	Biodiesel (BIO)	BDCA200L	57.39	BIO006A02380100	54.22	7/24/2020	None	Biodiesel	Biox Canada Limited (3758)	BIOX Canada Limited (80236)	US Sourced Canola Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	None	
A023802	Tier 1	3.0	Fuel Producer: Biox Canada Limited (3758) ; Facility Name: BIOX Canada Limited (80236); US Sourced Soybean Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	Canada	Soybean Oil (005)	Biodiesel (BIO)	BDS200L	56.03	BIO005A02380200	59.63	7/24/2020	None	Biodiesel	Biox Canada Limited (3758)	BIOX Canada Limited (80236)	US Sourced Soybean Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	None	
A023803	Tier 1	3.0	Fuel Producer: Biox Canada Limited (3758) ; Facility Name: BIOX Canada Limited (80236); US Sourced Corn Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	Canada	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC200L	32.8	BIO003A02380300	30.86	7/24/2020	None	Biodiesel	Biox Canada Limited (3758)	BIOX Canada Limited (80236)	US Sourced Corn Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	None	
A023804	Tier 1	3.0	Fuel Producer: Biox Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); U.S. Sourced (Various Products) Rendered Animal Fat (Tallow Oil) transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	Canada	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT200L	34.97	BIO002A02380400	34.92	7/27/2020	None	Biodiesel	Biox Canada Limited (3758)	BIOX Canada Limited (80236)	U.S. Sourced (Various Products) Rendered Animal Fat (Tallow Oil) transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	None	
A023806	Tier 1	3.0	Fuel Producer: Biox Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); Sanimax (Montreal) Sourced Rendered Animal Fat (Tallow Oil) transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	Canada	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A02380600	27.09	7/24/2020	None	Biodiesel	Biox Canada Limited (3758)	BIOX Canada Limited (80236)	Sanimax (Montreal) Sourced Rendered Animal Fat (Tallow Oil) transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California	None	
A023807	Tier 1	3.0	Fuel Producer: Biox Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); US Sourced Used Cooking Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	Canada	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU218	22.38	BIO001A02380700	22.88	7/24/2020	None	Biodiesel	Biox Canada Limited (3758)	BIOX Canada Limited (80236)	US Sourced Used Cooking Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	None	
A017101	Tier 1	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Fair Oaks Upgrader, LLC (71001); Renewable Natural Gas (RNG) from Dairy and Swine Manure at the Site 3 digester, upgraded to RNG at Renewable Dairy Fuels (RDF) in Fair Oaks, Indiana; RNG pipelined to Bakersfield, California	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNGDD201	-254.94	CNG026A01710100	-329.76	12/24/2019	None	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Fair Oaks Upgrader, LLC (71001)	Renewable Natural Gas (RNG) from Dairy and Swine Manure at the Site 3 digester, upgraded to RNG at Renewable Dairy Fuels (RDF) in Fair Oaks, Indiana; RNG pipelined to Bakersfield, California	None	Retired
L010901	Lookup Table	3.0	Fuel Producer: Marin Clean Energy (C1066); Facility Name: Marin Clean Energy (F00147); Electricity that is generated from 100 percent zero-CI sources supplied via Green Tariff used as a transportation fuel in California	California	Zero-CI Sources Supplied via Green Tariff (048)	Electricity (ELC)	None	None	ELC048L00072019	0.00	5/12/2020	None	Electricity	Marin Clean Energy (C1066)	Marin Clean Energy (F00147)	Electricity that is generated from 100 percent zero-CI sources supplied via Green Tariff used as a transportation fuel in California	None	
L011201	Lookup Table	3.0	Fuel Producer: City of Anaheim, Public Utilities Department (C1068); Facility Name: City of Anaheim, Public Utilities Department (F00157); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/30/2020	None	Electricity	City of Anaheim, Public Utilities Department (C1068)	City of Anaheim, Public Utilities Department (F00157)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L011501	Lookup Table	3.0	Fuel Producer: Powerflex (P343); Facility Name: PowerFlex Systems (F00162); Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/30/2020	None	Electricity	Powerflex (P343)	PowerFlex Systems (F00162)	Electricity that is generated from 100 percent zeroCI sources used as a transportation fuel in California	None	
L011601	Lookup Table	3.0	Fuel Producer: Marin Clean Energy (C1066); Facility Name: Marin Clean Energy (F00147); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	5/14/2020	None	Electricity	Marin Clean Energy (C1066)	Marin Clean Energy (F00147)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L011801	Lookup Table	3.0	Fuel Producer: Wonderful Renewable Energy, LLC (C1080); Facility Name: Wonderful Renewable Energy, LLC (F00170); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/1/2020	None	Electricity	Wonderful Renewable Energy, LLC (C1080)	Wonderful Renewable Energy, LLC (F00170)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L012001	Lookup Table	3.0	Fuel Producer: 3 Phases Renewables Inc. (P306); Facility Name: 3 Phases Renewables Inc. (P1225); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/10/2020	None	Electricity	3 Phases Renewables Inc. (P306)	3 Phases Renewables Inc. (P1225)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L012201	Lookup Table	3.0	Fuel Producer: PowerFlex Systems, INC (C1092); Facility Name: PowerFlex Systems, Inc (F00197); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/30/2020	None	Electricity	PowerFlex Systems, INC (C1092)	PowerFlex Systems, Inc (F00197)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L012101	Lookup Table	3.0	Fuel Producer: San Diego Unified Port District (C1026); Facility Name: Port of San Diego (F00057); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/30/2020	None	Electricity	San Diego Unified Port District (C1026)	Port of San Diego (F00057)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L012301	Lookup Table	3.0	Fuel Producer: Fuel Producer: 3Degrees Group, Inc. (C1055); Facility Name: Praxair - Ontario, CA (F00208); Liquefied H2 produced in California from central SMR of North American fossil-based NG	Canada	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	6/30/2020	None	Hydrogen	3Degrees Group, Inc. (C1055)	Praxair - Ontario, CA (F00208)	Liquefied H2 produced in California from central SMR of North American fossil-based NG	None	
L012401	Lookup Table	3.0	Fuel Producer: Cal State LA (C1063); Facility Name: Cal State LA Hydrogen Research and Fueling Facility (F00145); Compressed H2 produced in California from electrolysis using California average grid electricity	California	Grid Electricity (039)	Gaseous Hydrogen (HYG)	None	None	HYG039L00072019	164.46	8/11/2020	None	Hydrogen	Cal State LA (C1063)	Cal State LA Hydrogen Research and Fueling Facility (F00145)	Compressed H2 produced in California from electrolysis using California average grid electricity	None	
L012701	Lookup Table	3.0	Fuel Producer: Pacific Merchant Shipping Association (C1099); Facility Name: Pacific Merchant Shipping Association (F00220); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/10/2020	None	Electricity	Pacific Merchant Shipping Association (C1099)	Pacific Merchant Shipping Association (F00220)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L010701	Lookup Table	3.0	Fuel Producer: CSG EV LLC (C1060); Facility Name: CSG EV LLC (F00141); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	5/6/2020	None	Electricity	CSG EV LLC (C1060)	CSG EV LLC (F00141)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L011401	Lookup Table	3.0	Fuel Producer: PCS Energy (C1070); Facility Name: PCS Energy (F00159); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	5/13/2020	None	Electricity	PCS Energy (C1070)	PCS Energy (F00159)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L013501	Lookup Table	3.0	Fuel Producer: Eco Credit Traders LLC (C1107); Facility Name: Eco Credit Traders LLC (F00234); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/14/2020	None	Electricity	Eco Credit Traders LLC (C1107)	Eco Credit Traders LLC (F00234)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L013101	Lookup Table	3.0	Fuel Producer: Element Markets EV, LLC (C1093); Facility Name: Element Markets EV, LLC (F00232); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	Texas	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/18/2020	None	Electricity	Element Markets EV, LLC (C1093)	Element Markets EV, LLC (F00232)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A020101	Tier 1	3.0	Fuel Producer: Thumb BioEnergy (3862); Facility Name: Thumb BioEnergy (03862); Used Cooking Oil (zero rendering energy) transported by truck to Biodiesel plant in Sandusky, MI; Natural Gas and Electricity; Biodiesel transported to California By Rail	Michigan	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BID)	BDU248	20.9	BIO001A02010100	15.80	9/29/2020	None	Biodiesel	Thumb BioEnergy (3862)	Thumb BioEnergy (03862)	Used Cooking Oil (zero rendering energy) transported by truck to Biodiesel plant in Sandusky, MI; Natural Gas and Electricity; Biodiesel transported to California By Rail	None	Retired
A027801	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Aberdeen Energy (70299); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil and Syrup, Natural Gas, Grid Electricity, Starch Ethanol produced in Mina, SD Ethanol transported by rail to California; Composite CI	South Dakota	Corn (009)	Ethanol (ETH)	ETHC237L	80.19	ETH009A02780100	71.77	10/9/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	Aberdeen Energy (70299)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil and Syrup, Natural Gas, Grid Electricity, Starch Ethanol produced in Mina, SD Ethanol transported by rail to California; Composite CI	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024702	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896) ; Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California LNG stations	Michigan	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A02470200	62.68	10/13/2020	None	Bio-LNG	CANTON RENEWABLES, LLC (5896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California LNG stations	None	Retired
A024703	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896) ; Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	California	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A02470300	65.77	10/13/2020	None	Bio-CNG	CANTON RENEWABLES, LLC (5896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	None	Retired
A025904	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Rendered UCO; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A02590400	31.60	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Rendered UCO; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	None	Retired
L013001	Lookup Table	3.0	Fuel Producer: SRECTrade, Inc (C1018); Facility Name: SRECTrade, Inc. Zero CI HYER (F00226); Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources	California	Zero-CI Sources (037)	Gaseous Hydrogen (HYG)	None	None	HYG037L00072019	10.51	9/30/2020	None	Hydrogen	SRECTrade, Inc (C1018)	SRECTrade, Inc. Zero CI HYER (F00226)	Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources	None	
L013301	Lookup Table	3.0	Fuel Producer: Element Markets EV, LLC (C1093); Facility Name: 32-505 Harry Oliver Trail (F00233); Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources	California	Zero-CI Sources (037)	Gaseous Hydrogen (HYG)	None	None	HYG037L00072019	10.51	7/1/2020	None	Hydrogen	Element Markets EV, LLC (C1093)	32-505 Harry Oliver Trail (F00233)	Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources	None	
L013701	Lookup Table	3.0	Fuel Producer: MYNT SYSTEMS (C1112); Facility Name: MYNT SYSTEMS (F00294); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	11/2/2020	None	Electricity	MYNT SYSTEMS (C1112)	MYNT SYSTEMS (F00294)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
B011301	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C104); Facility Name: Linde-Praxair (F00088); Liquefied Hydrogen produced from biomethane of North American landfill gas at Linde-Praxair in Ontario, California; delivered to stations in Northern California by heavy-duty diesel truck, then compressed as gaseous hydrogen for use in hydrogen-fueled vehicles.	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B01130100	131.51	11/12/2020	Application Package	Hydrogen	Iwatani Corporation of America (C104)	Linde-Praxair (F00088)	Liquefied Hydrogen produced from biomethane of North American landfill gas at Linde-Praxair in Ontario, California; delivered to stations in Northern California by heavy-duty diesel truck, then compressed as gaseous hydrogen for use in hydrogen-fueled vehicles.	None	
A028401	Tier 1	3.0	Fuel Producer: BIOX Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); Canadian Sourced Used Cooking Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	Canada	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO0001A02380800	22.81	BIO0001A02840100	22.40	11/12/2020	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	Canadian Sourced Used Cooking Oil transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; Biodiesel produced in Ontario, Canada and transported by rail to California.	None	
L013801	Lookup Table	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Air Products and Chemicals SMR Wilmington, CA (F00068); Compressed H2 produced in California from central SMR of North American fossil-based NG	California	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031L00072019	117.67	11/12/2020	None	Hydrogen	FirstElement Fuel (E426)	Air Products and Chemicals SMR Wilmington, CA (F00068)	Compressed H2 produced in California from central SMR of North American fossil-based NG	None	
L013901	Lookup Table	3.0	Fuel Producer: Penske Truck Leasing, Co., L.P. (C1116); Facility Name: Penske Truck Leasing (F00310); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	11/25/2020	None	Electricity	Penske Truck Leasing, Co., L.P. (C1116)	Penske Truck Leasing (F00310)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L014001	Lookup Table	3.0	Fuel Producer: NFI Industries (C1117); Facility Name: NFI Industries (F00311); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	11/25/2020	None	Electricity	NFI Industries (C1117)	NFI Industries (F00311)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A028001	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Glacial Lakes Energy (70064); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Watertown, South Dakota; Ethanol transported by rail to California, Composite CI	South Dakota	Corn (009)	Ethanol (ETH)	ETHC241L	79.21	ETH009A02800100	72.66	12/8/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	Glacial Lakes Energy (70064)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Watertown, South Dakota; Ethanol transported by rail to California, Composite CI	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B002401	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Coronado Dairy Farm (F00009); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Coronado Dairy in Tipton, California for use as transportation fuel in California	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B00240100	-525.14	12/10/2020	Application Package	Electricity	CleanFuture, Inc. (C1001)	Coronado Dairy Farm (F00009)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Coronado Dairy in Tipton, California for use as transportation fuel in California	None	Retired
A028301	Tier 1	3.0	Fuel Producer: BIOX Canada Limited (3758); Facility Name: BIOX Canada Limited (80236); Rendered Animal Fat Sourced from Sanimax Quebec City, Canada transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; transported by rail to California	Canada	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A02380500	36.98	BIO002A02830100	28.29	12/15/2020	None	Biodiesel	BIOX Canada Limited (3758)	BIOX Canada Limited (80236)	Rendered Animal Fat Sourced from Sanimax Quebec City, Canada transported by truck to Biodiesel plant in Hamilton, Ontario, Canada; Natural Gas and Grid Electricity; transported by rail to California	None	
L014301	Lookup Table	3.0	Fuel Producer: The Regents of the University of California (C1121); Facility Name: The Regents of the University of California (F00324); Electricity that is generated from 100 percent zero-CI sources supplied via Green Tariff used as a transportation fuel in California	California	Zero-CI Sources Supplied via Green Tariff (046)	Electricity (ELC)	None	None	ELC048L00072019	0.00	12/28/2020	None	Electricity	The Regents of the University of California (C1121)	The Regents of the University of California (F00324)	Electricity that is generated from 100 percent zero-CI sources supplied via Green Tariff used as a transportation fuel in California	None	
L014401	Lookup Table	3.0	Fuel Producer: S. C. Valley Transportation Authority (C1119); Facility Name: S. C. Valley Transportation Authority (F00328); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/24/2020	None	Electricity	S. C. Valley Transportation Authority (C1119)	S. C. Valley Transportation Authority (F00328)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L014801	Lookup Table	3.0	Fuel Producer: Toyota Motor North America (C1069); Facility Name: Toyota Motor North America (F00338); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	2/16/2021	None	Electricity	Toyota Motor North America (C1069)	Toyota Motor North America (F00338)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L015001	Lookup Table	3.0	Fuel Producer: Redwood Coast Energy Authority (R704); Facility Name: Redwood Coast Energy Authority (F00031); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	2/24/2021	None	Electricity	Redwood Coast Energy Authority (R704)	Redwood Coast Energy Authority (F00031)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L015201	Lookup Table	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: U.S. Venture, Inc. (F00345); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	2/24/2021	None	Electricity	U.S. Venture, Inc. (5504)	U.S. Venture, Inc. (F00345)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A033002	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00990200	63.23	ETH009A03300200	63.46	3/1/2021	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	None	Retired
A033003	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Fiber ethanol using Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03300300	25.32	3/1/2021	None	Ethanol - Cellulosic	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Fiber ethanol using Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	None	Retired
L015101	Lookup Table	3.0	Fuel Producer: PineSpire, LLC (C1128); Facility Name: PineSpire (F00344); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/4/2021	None	Electricity	PineSpire, LLC (C1128)	PineSpire (F00344)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A028701	Tier 1	3.0	Fuel Producer: Elkhorn Valley Ethanol LLC (4833); Facility Name: Elkhorn Valley Ethanol LLC (70095); Midwest Corn, Dry Mill; Dry DGS and Modified DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Norfolk, Nebraska; Ethanol transported by rail to California, Composite CI	Nebraska	Corn (009)	Ethanol (ETH)	T1N-1277, T1N-1276	74.74, 79.83	ETH009A02870100	71.99	3/22/2021	None	Ethanol	Elkhorn Valley Ethanol LLC (4833)	Elkhorn Valley Ethanol LLC (70095)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Norfolk, Nebraska; Ethanol transported by rail to California, Composite CI	None	Retired
A031001	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, upgrading at River Birch, LLC, pipelined to California for compression to CNG (Provisional)	Louisiana	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A03100100	41.18	3/18/2021	None	Bio-CNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, upgrading at River Birch, LLC, pipelined to California for compression to CNG (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B011101	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Stoltz Dairy Southern (F00155); Dairy Biogas produced in Maricopa County, AZ from dairy manure covered anaerobic lagoons to produce electricity for import into California for electric vehicle charging	Arizona	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01110100	-762.09	3/23/2021	Application Package	Electricity	CleanFuture, Inc. (C1001)	Stoltz Dairy Southern (F00155)	Dairy Biogas produced in Maricopa County, AZ from dairy manure covered anaerobic lagoons to produce electricity for import into California for electric vehicle charging	None	Retired
B012301	Tier 2	3.0	Fuel Producer: South San Francisco Scavengers (S283); Facility Name: South San Francisco Scavenger Company (J0500); Renewable Natural Gas (RNG) produced from Food Scraps and upgraded at South San Francisco Scavenger Company facility in South San Francisco California; RNG used for onsite fueling	California	Food Scraps/Waste (027)	Compressed Natural Gas (CNG)	None	None	CNG027B01230100	-79.91	3/29/2021	Application Package	Bio-CNG	South San Francisco Scavengers (S283)	South San Francisco Scavenger Company (J0500)	Renewable Natural Gas (RNG) produced from Food Scraps and upgraded at South San Francisco Scavenger Company facility in South San Francisco California; RNG used for onsite fueling	None	
B012302	Tier 2	3.0	Fuel Producer: South San Francisco Scavengers (S283); Facility Name: South San Francisco Scavenger Company (J0500); Renewable Natural Gas (RNG) produced from Urban Landscaping Waste and upgraded at South San Francisco Scavenger Company facility in South San Francisco California; RNG used for onsite fueling	California	Other Organic Waste (029)	Compressed Natural Gas (CNG)	None	None	CNG028B01230200	0.28	3/29/2021	Application Package	Bio-CNG	South San Francisco Scavengers (S283)	South San Francisco Scavenger Company (J0500)	Renewable Natural Gas (RNG) produced from Urban Landscaping Waste and upgraded at South San Francisco Scavenger Company facility in South San Francisco California; RNG used for onsite fueling	None	
A027601	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Meadow Branch Landfill Gas Processing Facility (71252); Biomethane from landfill gas generated in Athens, Tennessee; upgraded at Meadow Branch Landfill Gas Processing Facility, pipelined to California, and dispensed as CNG fuel (Provisional)	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF261R	52.14	CNG025A02760100	47.41	3/25/2021	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Meadow Branch Landfill Gas Processing Facility (71252)	Biomethane from landfill gas generated in Athens, Tennessee; upgraded at Meadow Branch Landfill Gas Processing Facility, pipelined to California, and dispensed as CNG fuel (Provisional)	None	Retired
B014802	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Triple G Dairy (F00156); Low-CI electricity from biogas produced from dairy manure and organic substrates using reciprocating engine at Triple G Dairy in Maricopa County, Arizona for use as transportation fuel in California.	Arizona	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01480200	-493.57	3/30/2021	Application Package	Electricity	CleanFuture, Inc. (C1001)	Triple G Dairy (F00156)	Low-CI electricity from biogas produced from dairy manure and organic substrates using reciprocating engine at Triple G Dairy in Maricopa County, Arizona for use as transportation fuel in California.	None	Retired
B017201	Tier 2	3.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566); Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Dairy Manure Biogas, Grid Electricity; Starch Ethanol produced in California; Composite CI (Provisional)	California	Corn (009)	Ethanol (ETH)	ETH009A00940100	67.03	ETH009B01720100	65.68	3/29/2021	Application Package	Ethanol	Aemetis Advanced Fuels Keyes, Inc (3566)	Aemetis Advanced Fuels Keyes, Inc (70234)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Dairy Manure Biogas, Grid Electricity; Starch Ethanol produced in California; Composite CI (Provisional)	None	Retired
B013302	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B01330200	32.50	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B013303	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B01330300	25.50	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B013304	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B01330400	20.00	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B013305	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B01330500	26.00	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B013307	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01330700	37.00	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B013308	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01330800	38.00	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B013309	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B01330900	43.00	4/30/2021	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
A029503	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); California sourced Rendered Animal Fat, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A02950300	33.86	4/1/2021	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	California sourced Rendered Animal Fat, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	None	
B018901	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	None	None	RNT003B01890100	33.00	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018902	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01890200	37.50	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018903	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT002B01890300	26.00	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018904	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B01890400	20.50	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018905	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B01890500	26.50	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018906	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01890600	38.50	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018907	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B01890700	43.50	4/30/2021	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018910	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891000	33.00	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018911	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891100	26.00	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018912	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891200	20.50	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B018913	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891300	26.50	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018914	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891400	37.50	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018915	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891500	38.50	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
B018916	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B01891600	43.50	4/30/2021	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (Provisional)	None	Retired
A023901	Tier 1	3.0	Fuel Producer: M&N Participações S/A (C1082); Facility Name: Usina Gíasa Ltda (F00192); Ethanol from sugarcane juice, with co-product credit for surplus cogenerated electricity exports; transport to California port via ocean tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A02390100	48.82	5/7/2021	None	Ethanol	M&N Participações S/A (C1082)	Usina Gíasa Ltda (F00192)	Ethanol from sugarcane juice, with co-product credit for surplus cogenerated electricity exports; transport to California port via ocean tanker.	None	Retired
A028801	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); Midwest Soybean Oil transported by truck to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	Iowa	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A02880100	58.00	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	Midwest Soybean Oil transported by truck to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	None	
A028802	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); Canola Oil transported by truck to Biodiesel plant in Newton, IA, US then to California By Rail.	Iowa	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A02880200	54.00	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	Canola Oil transported by truck to Biodiesel plant in Newton, IA, US then to California By Rail.	None	
A028803	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); Corn Oil transported by truck to Biodiesel plant in Newton, IA, US then to California By Rail.	Iowa	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC208	34.10	BIO003A02880300	28.50	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	Corn Oil transported by truck to Biodiesel plant in Newton, IA, US then to California By Rail.	None	
A028804	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); U.S. Sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	Iowa	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU223	22.50	BIO001A02880400	21.00	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	U.S. Sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	None	
A028805	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); Self Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	Iowa	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU235	15.49	BIO001A02880500	16.00	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	Self Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	None	
A028806	Tier 1	3.0	Fuel Producer: REG Newton, LLC (3514); Facility Name: REG Newton, LLC (80162); U.S. Sourced Rendered Animal Fat Oil transported by truck and rail to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	Iowa	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT212	35.94	BIO002A02880600	33.50	5/11/2021	None	Biodiesel	REG Newton, LLC (3514)	REG Newton, LLC (80162)	U.S. Sourced Rendered Animal Fat Oil transported by truck and rail to Biodiesel plant in Newton, Iowa; Biodiesel transported to California by Rail.	None	
A029601	Tier 1	3.0	Fuel Producer: Green Plains Central City (3368); Facility Name: Green Plains Central City LLC (70141); Ethanol from Corn Starch, MDGS, Corn Oil, NG & Grid Electricity; Transport by Rail to California.	Nebraska	Corn (009)	Ethanol (ETH)	ETHC023 (T1R-1214)	82.17	ETH009A02960100	65.97	5/7/2021	None	Ethanol	Green Plains Central City (3368)	Green Plains Central City LLC (70141)	Ethanol from Corn Starch, MDGS, Corn Oil, NG & Grid Electricity; Transport by Rail to California.	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A030903	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A03090300	68.76	5/4/2021	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	None	Retired
A036701	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN; upgrading at South Shelby RNG, LLC, pipelined to California for compression to CNG (Provisional)	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A03670100	49.53	5/11/2021	None	Bio-CNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN; upgrading at South Shelby RNG, LLC, pipelined to California for compression to CNG (Provisional)	None	Retired
A028901	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); Corn Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	Illinois	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC215	35.13	BIO003A02890100	29.00	6/7/2021	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	Corn Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	None	
A028902	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); Rendered Animal Fat Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	Illinois	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT220	36.80	BIO002A02890200	33.50	6/7/2021	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	Rendered Animal Fat Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	None	
A028903	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); Canola Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	Illinois	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A02890300	53.00	6/7/2021	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	Canola Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	None	
A028904	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); Midwest Soybean Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	Illinois	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A02890400	58.30	6/7/2021	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	Midwest Soybean Oil transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	None	
A028905	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); U.S sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU249	22.58	BIO001A02890500	21.50	6/7/2021	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	U.S sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	None	Retired
A028906	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); U.S sourced Used Cooking Oil; Zero rendering energy; transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU250	17.33	BIO001A02890600	17.00	6/7/2021	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	U.S sourced Used Cooking Oil; Zero rendering energy; transported by truck to Biodiesel plant in Danville, Illinois; Natural Gas, Electricity; Biodiesel then transported to California By Rail.	None	
A036101	Tier 1	3.0	Fuel Producer: POET BIOREFINING - SHELBYVILLE (8841); Facility Name: Poet Biorefining - Shelbyville (20621); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A03610100	70.52	6/7/2021	None	Ethanol	POET BIOREFINING - SHELBYVILLE (8841)	Poet Biorefining - Shelbyville (20621)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (Provisional)	None	Retired
A036102	Tier 1	3.0	Fuel Producer: POET BIOREFINING - SHELBYVILLE (8841); Facility Name: Poet Biorefining - Shelbyville (20621); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A03610200	63.38	6/7/2021	None	Ethanol	POET BIOREFINING - SHELBYVILLE (8841)	Poet Biorefining - Shelbyville (20621)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (Provisional)	None	Retired
A036103	Tier 1	3.0	Fuel Producer: POET BIOREFINING - SHELBYVILLE (8841); Facility Name: Poet Biorefining - Shelbyville (20621); Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03610300	23.59	6/7/2021	None	Ethanol	POET BIOREFINING - SHELBYVILLE (8841)	Poet Biorefining - Shelbyville (20621)	Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (Provisional)	None	Retired
A029001	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Corn Oil transported by truck to Biodiesel plant in Seneca, IL, US then to California By Rail	Illinois	Distillers' Corn Oil (003)	Biodiesel (BIO)	BDC213	34.02	BIO003A02900100	28.00	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Corn Oil transported by truck to Biodiesel plant in Seneca, IL, US then to California By Rail	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029004	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU242	21.84	BIO001A02900400	20.75	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	None	Retired
A029005	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S sourced Used Cooking Oil, zero rendering energy, transported by truck and rial to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU244	16.57	BIO001A02900500	16.25	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S sourced Used Cooking Oil, zero rendering energy, transported by truck and rial to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail	None	Retired
A029007	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Seneca, IL, US then to California By Rail	Illinois	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT219	35.79	BIO002A02900700	32.75	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Seneca, IL, US then to California By Rail	None	
L001701	Lookup Table	3.0	Fuel Producer: Tesla, Inc. (C1016); Facility Name: Tesla, Inc. (F00045); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	5/29/2019	None	Electricity	Tesla, Inc. (C1016)	Tesla, Inc. (F00045)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L006301	Lookup Table	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Carson Hydrogen Plant (F00059); Compressed H2 produced in California from central SMR of North American fossil-based NG.	California	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031L00072019	117.67	7/12/2019	None	Hydrogen	Shell Energy North America (6154)	Carson Hydrogen Plant (F00059)	Compressed H2 produced in California from central SMR of North American fossil-based NG.	None	
L007801	Lookup Table	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: Praxair Liquid H2 Source (F00053); Liquefied H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills.	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025L00072019	129.09	7/16/2019	None	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	Praxair Liquid H2 Source (F00053)	Liquefied H2 produced in California from central SMR of biomethane (renewable feedstock) from North American landfills.	None	
L007901	Lookup Table	3.0	Fuel Producer: American Honda Motor Co., Inc. (C1023); Facility Name: American Honda Motor Co., Inc. (F00074); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/6/2019	None	Electricity	American Honda Motor Co., Inc. (C1023)	American Honda Motor Co., Inc. (F00074)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L009101	Lookup Table	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Air Products and Chemicals, Inc. (SFS) (F00092); Liquefied H2 produced in California from central SMR of North American fossil-based NG.	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	9/26/2019	None	Hydrogen	CleanFuture, Inc. (C1001)	Air Products and Chemicals, Inc. (SFS) (F00092)	Liquefied H2 produced in California from central SMR of North American fossil-based NG.	None	
L009201	Lookup Table	3.0	Fuel Producer: Air Products and Chemicals, Inc. (C1042); Facility Name: APCI Wilmington Transfill (F00095); Compressed H2 produced in California from central SMR of North American fossil-based NG.	California	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031L00072019	117.67	9/27/2019	None	Hydrogen	Air Products and Chemicals, Inc. (C1042)	APCI Wilmington Transfill (F00095)	Compressed H2 produced in California from central SMR of North American fossil-based NG.	None	
L009601	Lookup Table	3.0	Fuel Producer: Paired Power (P995); Facility Name: McCalmont Engineering (22575); Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	California	Directly Supplied Zero-CI Sources (049)	Electricity (ELC)	None	None	ELC049L00072019	0.00	3/30/2020	None	Electricity	Paired Power (P995)	McCalmont Engineering (22575)	Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	None	
L011301	Lookup Table	3.0	Fuel Producer: Trillium USA Company, LLC (C1056); Facility Name: Trillium USA Company, LLC (F00152); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	Texas	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/30/2020	None	Electricity	Trillium USA Company, LLC (C1056)	Trillium USA Company, LLC (F00152)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L012501	Lookup Table	3.0	Fuel Producer: Green Commuter (C1096) ; Facility Name: Green Commuter (F00214); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/8/2020	None	Electricity	Green Commuter (C1096)	Green Commuter (F00214)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L012601	Lookup Table	3.0	Fuel Producer: EV CHARGING SOLUTIONS, INC. (C1095); Facility Name: EV Charging Solutions, Inc. (F00215); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/8/2020	None	Electricity	EV CHARGING SOLUTIONS, INC. (C1095)	EV Charging Solutions, Inc. (F00215)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L012801	Lookup Table	3.0	Fuel Producer: Ingram Micro, Inc. (C1102); Facility Name: Ingram Micro, Inc. (F00222); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/25/2020	None	Electricity	Ingram Micro, Inc. (C1102)	Ingram Micro, Inc. (F00222)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L012901	Lookup Table	3.0	Fuel Producer: Zeco Systems Inc. d/b/a Greenlots (C1097); Facility Name: Zeco Systems Inc. d/b/a Greenlots (F00225); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/11/2020	None	Electricity	Zeco Systems Inc. d/b/a Greenlots (C1097)	Zeco Systems Inc. d/b/a Greenlots (F00225)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L013601	Lookup Table	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Shell Energy North America (F00017); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	Texas	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	10/16/2020	None	Electricity	Shell Energy North America (6154)	Shell Energy North America (F00017)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L014101	Lookup Table	3.0	Fuel Producer: 3Degrees Group, Inc. (C1055); Facility Name: Praxair - Ontario, CA (F00206); Liquefied H2 produced in California from central SMR of North American fossil-based NG.	California	North American Fossil NG (051)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	12/7/2020	None	Hydrogen	3Degrees Group, Inc. (C1055)	Praxair - Ontario, CA (F00206)	Liquefied H2 produced in California from central SMR of North American fossil-based NG.	None	
L015301	Lookup Table	3.0	Fuel Producer: Green Water and Power (C1123); Facility Name: Green Water and Power (F00322); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/15/2021	None	Electricity	Green Water and Power (C1123)	Green Water and Power (F00322)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L015501	Lookup Table	3.0	Fuel Producer: City of Santa Clara/Silicon Valley Power (C1130); Facility Name: BEAM EVARC Unit #334 (F00358); Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	California	Directly Supplied Zero-CI Sources (049)	Electricity (ELC)	None	None	ELC049L00072019	0.00	5/25/2021	None	Electricity	City of Santa Clara/Silicon Valley Power (C1130)	BEAM EVARC Unit #334 (F00358)	Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	None	
L015401	Lookup Table	3.0	Fuel Producer: City of Santa Clara/Silicon Valley Power (C1130); Facility Name: BEAM EVARC Unit #333 (F00357); Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	California	Directly Supplied Zero-CI Sources (049)	Electricity (ELC)	None	None	ELC049L00072019	0.00	5/25/2021	None	Electricity	City of Santa Clara/Silicon Valley Power (C1130)	BEAM EVARC Unit #333 (F00357)	Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	None	
L015601	Lookup Table	3.0	Fuel Producer: San Jose Clean Energy (C1120); Facility Name: San Jose Clean Energy (F00323); Electricity that is generated from 100 percent zero-CI sources supplied via Green Tariff used as a transportation fuel in California.	California	Zero-CI Sources Supplied via Green Tariff (046)	Electricity (ELC)	None	None	ELC048L00072019	0.00	4/30/2021	None	Electricity	San Jose Clean Energy (C1120)	San Jose Clean Energy (F00323)	Electricity that is generated from 100 percent zero-CI sources supplied via Green Tariff used as a transportation fuel in California.	None	
L015701	Lookup Table	3.0	Fuel Producer: AMPLY Power, Inc. (C1134); Facility Name: AMPLY Power, Inc. (F00364); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	4/21/2021	None	Electricity	AMPLY Power, Inc. (C1134)	AMPLY Power, Inc (F00364)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L015801	Lookup Table	3.0	Fuel Producer: Muza Energy (C1136); Facility Name: Muza Energy (F00369); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/3/2021	None	Electricity	Muza Energy (C1136)	Muza Energy (F00369)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
A030201	Tier 1	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Melissa Renewables, LLC (71407); Biomethane from Melissa Landfill at Melissa, Texas, upgrading at Melissa Renewables, pipelined to California for compression to CNG (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF276	40.63	CNG025A03020100	34.00	6/16/2021	None	Bio-CNG	Shell Energy North America (6154)	Melissa Renewables, LLC (71407)	Biomethane from Melissa Landfill at Melissa, Texas, upgrading at Melissa Renewables, pipelined to California for compression to CNG (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029101	Tier 1	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Pine Hill Renewables, LLC (71288); Biomethane from Pine Hill Landfill at Kilgore, Texas , upgrading at Pine Hill Renewables, pipelined to California for compression to CNG (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNGLF272	39.83	CNG025A02910100	34.17	6/16/2021	None	Bio-CNG	Shell Energy North America (6154)	Pine Hill Renewables, LLC (71288)	Biomethane from Pine Hill Landfill at Kilgore, Texas , upgrading at Pine Hill Renewables, pipelined to California for compression to CNG (Provisional)	None	Retired
A034502	Tier 1	3.0	Fuel Producer: WESTSIDE GAS PRODUCERS, LLC (6218); Facility Name: WESTSIDE GAS PRODUCERS, LLC (71151); Biomethane from Westside Landfill at Three River, Michigan, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations	Michigan	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNGLF200LR	54.14	LNG025A03450200	65.55	6/16/2021	None	Bio-LNG	WESTSIDE GAS PRODUCERS, LLC (6218)	WESTSIDE GAS PRODUCERS, LLC (71151)	Biomethane from Westside Landfill at Three River, Michigan, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations	None	
A034503	Tier 1	3.0	Fuel Producer: WESTSIDE GAS PRODUCERS, LLC (6218); Facility Name: WESTSIDE GAS PRODUCERS, LLC (71151); Biomethane from Westside Landfill at Three River, Michigan, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California stations	Michigan	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	CNGLF223LR	57.29	LCN025A03450300	68.64	6/16/2021	None	Bio-CNG	WESTSIDE GAS PRODUCERS, LLC (6218)	WESTSIDE GAS PRODUCERS, LLC (71151)	Biomethane from Westside Landfill at Three River, Michigan, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California stations	None	
A037301	Tier 1	3.0	Fuel Producer: Global Alternative Fuels, LLC (7765); Facility Name: Global Alternative Fuels, LLC (83533); Used Cooking Oil transported by truck to Biodiesel plant in El Paso, Texas; biodiesel fuel then transported to California by rail.	Texas	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU226R	24.41	BIO001A03730100	18.30	6/21/2021	None	Biodiesel	Global Alternative Fuels, LLC (7765)	Global Alternative Fuels, LLC (83533)	Used Cooking Oil transported by truck to Biodiesel plant in El Paso, Texas; biodiesel fuel then transported to California by rail.	None	
A037302	Tier 1	3.0	Fuel Producer: Global Alternative Fuels, LLC (7765); Facility Name: Global Alternative Fuels, LLC (83533); Midwest Soybean Oil transported by truck to Biodiesel plant in El Paso, Texas; biodiesel fuel then transported to California by rail.	Texas	Soybean Oil (005)	Biodiesel (BIO)	BDS210R	53.43	BIO005A03730200	53.55	6/21/2021	None	Biodiesel	Global Alternative Fuels, LLC (7765)	Global Alternative Fuels, LLC (83533)	Midwest Soybean Oil transported by truck to Biodiesel plant in El Paso, Texas; biodiesel fuel then transported to California by rail.	None	
L015901	Lookup Table	3.0	Fuel Producer: Sol Systems LLC (C1133); Facility Name: Sol Systems, LLC (F00370); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	Washington D.C.	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/21/2021	None	Electricity	Sol Systems LLC (C1133)	Sol Systems, LLC (F00370)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
B017907	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); North America Sourced Corn Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to California.	Singapore	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RDC200L	37.39	RND003B01790700	36.43	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	North America Sourced Corn Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to California.	None	
B017904	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); Globally Sourced Used Cooking Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to California.	Singapore	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RDU201L	25.61	RND001B01790400	32.83	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Globally Sourced Used Cooking Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to California.	None	
B017906	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); North America Sourced Used Cooking Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to California.	Singapore	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B01790600	28.64	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	North America Sourced Used Cooking Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to California.	None	
B017905	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); South East Asia Sourced Used Cooking Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	Singapore	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RDU200L	16.89	RND001B01790500	24.29	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	South East Asia Sourced Used Cooking Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	None	
B017902	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); North America Sourced Rendered Animal Fat Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	Singapore	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RDT201L	34.19	RND002B01790200	40.10	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	North America Sourced Rendered Animal Fat Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	None	
B017903	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); Oceanic Sourced Rendered Animal Fat Oil transported by Truck and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	Singapore	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RDT200L	36.83	RND002B01790300	38.26	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Oceanic Sourced Rendered Animal Fat Oil transported by Truck and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B017901	Tier 2	3.0	Fuel Producer: Neste Singapore Pte Ltd (4137); Facility Name: Neste Singapore (80327); Globally Sourced Rendered Animal Fat Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	Singapore	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RDT202	39.06	RND002B01790100	42.77	6/25/2021	Application Package	Renewable Diesel	Neste Singapore Pte Ltd (4137)	Neste Singapore (80327)	Globally Sourced Rendered Animal Fat Oil transported by Truck, Rail, and Ocean Tanker to Renewable Diesel plant in Singapore; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in Singapore and transported by Ocean Tanker to CA.	None	
B014001	Tier 2	3.0	Fuel Producer: Degreess3 Transportation Solutions, LLC (C1111); Facility Name: New Energy One (F00274); Low-CI electricity from dairy manure using reciprocating engine at Cedar Ridge in Filer, Idaho for use as transportation fuel in California	Idaho	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01400100	-698.21	6/29/2021	Application Package	Electricity	Degrees3 Transportation Solutions, LLC (C1111)	New Energy One (F00274)	Low-CI electricity from dairy manure using reciprocating engine at Cedar Ridge in Filer, Idaho for use as transportation fuel in California	None	
B013901	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Ruckman Farm (71256); Renewable Natural Gas (RNG) from Swine Manure of Ruckman Farm, Albany, Missouri; RNG is delivered via pipeline to Los Angeles, California and central California locations	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B00110100	-372.35	CNG044B01390100	-431.79	6/29/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Ruckman Farm (71256)	Renewable Natural Gas (RNG) from Swine Manure of Ruckman Farm, Albany, Missouri; RNG is delivered via pipeline to Los Angeles, California and central California locations	None	
B014101	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Locust Ridge Farm (71298); Renewable Natural Gas (RNG) from Swine Manure of Locust Ridge Farm, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California areas	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B00090100	-323.83	CNG044B01410100	-449.66	6/29/2021	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Locust Ridge Farm (71298)	Renewable Natural Gas (RNG) from Swine Manure of Locust Ridge Farm, Harris, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California areas	None	
B016601	Tier 2	3.0	Fuel Producer: SMUD (S338); Facility Name: New Hope Dairy Digester (F00255); Low-CI electricity from dairy manure biogas using a reciprocating engine at New Hope Dairy in Galt, CA for use as a transportation fuel in California. (Provisional)	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01660100	-750.81	6/28/2021	Application Package	Electricity	SMUD (S338)	New Hope Dairy Digester (F00255)	Low-CI electricity from dairy manure biogas using a reciprocating engine at New Hope Dairy in Galt, CA for use as a transportation fuel in California. (Provisional)	None	Retired
A033901	Tier 1	3.0	Fuel Producer: BIOSEV S.A. (3869); Facility Name: Usina Cresciumal (71068); Ethanol from Brazilian sugarcane juice and molasses; road transport to port, ocean transport to California	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM221	46.34	ETH018A03390100	48.08	6/30/2021	None	Ethanol	BIOSEV S.A. (3869)	Usina Cresciumal (71068)	Ethanol from Brazilian sugarcane juice and molasses; road transport to port, ocean transport to California	None	
L016101	Lookup Table	3.0	Fuel Producer: Cal State LA (C1063); Facility Name: Cal State LA Hydrogen Research and Fueling Facility (F00145); Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources.	California	Zero-CI Sources (037)	Gaseous Hydrogen (HYG)	None	None	HYG037L00072019	10.51	6/28/2021	None	Hydrogen	Cal State LA (C1063)	Cal State LA Hydrogen Research and Fueling Facility (F00145)	Compressed H2 produced in California from electrolysis using electricity generated from zero-CI sources.	None	
L016201	Lookup Table	3.0	Fuel Producer: Cal State LA (C1063); Facility Name: Cal State LA Structure E (F00376); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/29/2021	None	Electricity	Cal State LA (C1063)	Cal State LA Structure E (F00376)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
A031501	Tier 1	3.0	Fuel Producer: Copersucar (3702); Facility Name: Ipiranga Agroindustrial SA (70398); Ethanol produced from Sugarcane juice and molasses in Brazil; co-product credit for surplus cogenerated electricity export; ethanol transported to California by ocean tanker via Cape Horn.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS229	43.56	ETH018A03150100	49.06	6/30/2021	None	Ethanol	Copersucar (3702)	Ipiranga Agroindustrial SA (70398)	Ethanol produced from Sugarcane juice and molasses in Brazil; co-product credit for surplus cogenerated electricity export; ethanol transported to California by ocean tanker via Cape Horn.	None	
A031701	Tier 1	3.0	Fuel Producer: Copersucar (3702); Facility Name: Usina São José da Estiva S.A. - Açúcar e Alcool (70431); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM237	45.06	ETH018A03170100	51.28	6/30/2021	None	Ethanol	Copersucar (3702)	Usina São José da Estiva S.A. - Açúcar e Alcool (70431)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A033301	Tier 1	3.0	Fuel Producer: Usina São Martinho S.A. (3867); Facility Name: Santa Cruz S/A Açúcar e Alcool (70484); Ethanol produced from Sugarcane Juice and Molasses from Brazil, and transported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS223	48.22	ETH018A03330100	50.06	7/1/2021	None	Ethanol	Usina São Martinho S.A. (3867)	Santa Cruz S/A Açúcar e Alcool (70484)	Ethanol produced from Sugarcane Juice and Molasses from Brazil, and transported to California by Ocean Tanker.	None	Retired
A033201	Tier 1	3.0	Fuel Producer: Usina São Martinho S.A. (3867); Facility Name: Usina São Martinho S.A. (71100); Ethanol produced from Sugarcane Juice and Molasses in Brazil, and transported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS219	46.61	ETH018A03320100	50.99	6/30/2021	None	Ethanol	Usina São Martinho S.A. (3867)	Usina São Martinho S.A. (71100)	Ethanol produced from Sugarcane Juice and Molasses in Brazil, and transported to California by Ocean Tanker.	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A033701	Tier 1	3.0	Fuel Producer: JC Chemical Co., Ltd. (6094); Facility Name: JC Chemical Co., Ltd. (81585); South Korea sourced rendered Used Cooking Oil transported by truck to Biodiesel plant in South Korea; Natural Gas, Grid Electricity; Biodiesel transported to California By Ocean Tanker (Provisional)	South Korea	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BDU238	20.15	BIO001A03370100	24.35	7/9/2021	None	Biodiesel	JC Chemical Co., Ltd. (6094)	JC Chemical Co., Ltd. (81585)	South Korea sourced rendered Used Cooking Oil transported by truck to Biodiesel plant in South Korea; Natural Gas, Grid Electricity; Biodiesel transported to California By Ocean Tanker (Provisional)	None	
A034101	Tier 1	3.0	Fuel Producer: Ag Processing Inc (4552); Facility Name: AGP Methyl Ester (St Joseph) (81732); Midwest Soybean Oil Extraction Facility co-located with a Biodiesel plant in St. Joseph, Missouri; Grid Electricity; Biodiesel produced in St. Joseph, Missouri; Finished Fuel transported to California By Rail	Missouri	Soybean Oil (005)	Biodiesel (BIO)	BDS213	50.48	BIO005A03410100	54.06	7/9/2021	None	Biodiesel	Ag Processing Inc (4552)	AGP Methyl Ester (St Joseph) (81732)	Midwest Soybean Oil Extraction Facility co-located with a Biodiesel plant in St. Joseph, Missouri; Grid Electricity; Biodiesel produced in St. Joseph, Missouri; Finished Fuel transported to California By Rail	None	
A038603	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03860300	28.03	7/13/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	Retired
A025201	Tier 1	3.0	Fuel Producer: Companhia Alcoolquimica Nacional (C1086); Facility Name: Companhia Alcoolquimica Nacional (F00194); Ethanol from sugarcane juice and molasses; produced in NE Brazil, exported to California via ocean tanker; with co-product credit for export of surplus cogenerated electricity.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A02520100	56.50	7/15/2021	None	Ethanol	Companhia Alcoolquimica Nacional (C1086)	Companhia Alcoolquimica Nacional (F00194)	Ethanol from sugarcane juice and molasses; produced in NE Brazil, exported to California via ocean tanker; with co-product credit for export of surplus cogenerated electricity.	None	Retired
B019201	Tier 2	3.0	Fuel Producer: 3Degrees Group, Inc. (C1055); Facility Name: Praxair - Ontario, CA (F00208); Liquefied hydrogen from North American Natural Gas; produced at Praxair, Ontario, California transported as liquid to Hydrogen stations in California	California	North American Fossil NG (001)	Liquid Hydrogen (HYL)	None	None	HYL031B01920100	153.90	7/14/2021	Application Package	Hydrogen	3Degrees Group, Inc. (C1055)	Praxair - Ontario, CA (F00208)	Liquefied hydrogen from North American Natural Gas; produced at Praxair, Ontario, California transported as liquid to Hydrogen stations in California	None	
L016001	Lookup Table	3.0	Fuel Producer: InCharge Energy Inc. (C1137); Facility Name: InCharge Energy Inc Corporate Headquarters (F00375); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	7/22/2021	None	Electricity	InCharge Energy Inc. (C1137)	InCharge Energy Inc Corporate Headquarters (F00375)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
A033501	Tier 1	3.0	Fuel Producer: COFOCO International Brasil S.A. (C1110); Facility Name: Unidade POTIRENDABA (F00327); Ethanol produced from Sugarcane Juice and Molasses; exported to California by Ocean Tanker; Co-Product Credit for surplus cogenerated electricity export.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS212	46.83	ETH018A03350100	52.19	7/28/2021	None	Ethanol	COFOCO International Brasil S.A. (C1110)	Unidade POTIRENDABA (F00327)	Ethanol produced from Sugarcane Juice and Molasses; exported to California by Ocean Tanker; Co-Product Credit for surplus cogenerated electricity export.	None	
A034001	Tier 1	3.0	Fuel Producer: BIOSEV S.A. (3869); Facility Name: Usina Santa Elisa (71070); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker; Co-Product Credit for export of surplus cogenerated electricity.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS246	50.16	ETH018A03400100	52.45	7/27/2021	None	Ethanol	BIOSEV S.A. (3869)	Usina Santa Elisa (71070)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker; Co-Product Credit for export of surplus cogenerated electricity.	None	
A033801	Tier 1	3.0	Fuel Producer: BIOSEV S.A. (3869); Facility Name: Unidade MB (70568); Ethanol produced from Brazilian Sugarcane Juice and Molasses, and exported to California by Ocean Tanker; Co-Product Credit for export of surplus cogenerated electricity.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS208 and ETHM228	47.68 and 48.63	ETH018A03380100	54.03	7/28/2021	None	Ethanol	BIOSEV S.A. (3869)	Unidade MB (70568)	Ethanol produced from Brazilian Sugarcane Juice and Molasses, and exported to California by Ocean Tanker; Co-Product Credit for export of surplus cogenerated electricity.	None	
A035001	Tier 1	3.0	Fuel Producer: Delek Renewables, LLC (5998); Facility Name: DELEK RENEWABLES NEW ALBANY BIODIESEL PLANT (80701); U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail	Mississippi	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A03500100	31.11	7/29/2021	None	Biodiesel	Delek Renewables, LLC (5998)	DELEK RENEWABLES NEW ALBANY BIODIESEL PLANT (80701)	U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail	None	
A037401	Tier 1	3.0	Fuel Producer: HIGH MOUNTAIN FUELS LLC (4293); Facility Name: Altamont Bio-LNG Plant (70526); Biomethane from Altamont Landfill in Livermore, California, liquefied on-site by Altamont Bio-LNG Plant to LNG; trucked in-state to California LNG stations; regasified, and compressed to L-CNG. (Provisional)	California	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	CNGLF246, CNGLF247, and CNGLF248	9.97, 10.32 and 13.29	LCN025A03740100	18.96	7/29/2021	None	Bio-CNG	HIGH MOUNTAIN FUELS LLC (4293)	Altamont Bio-LNG Plant (70526)	Biomethane from Altamont Landfill in Livermore, California, liquefied on-site by Altamont Bio-LNG Plant to LNG; trucked in-state to California LNG stations; regasified, and compressed to L-CNG. (Provisional)	None	Retired
A037402	Tier 1	3.0	Fuel Producer: HIGH MOUNTAIN FUELS LLC (4293); Facility Name: Altamont Bio-LNG Plant (70526); Biomethane from Altamont Landfill in Livermore, California, liquefied on-site by Altamont Bio-LNG Plant to LNG; trucked in-state to California LNG stations. (Provisional)	California	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNGLF217 and LNGLF218	7.39 and 7.74	LNG025A03740200	15.87	7/29/2021	None	Bio-LNG	HIGH MOUNTAIN FUELS LLC (4293)	Altamont Bio-LNG Plant (70526)	Biomethane from Altamont Landfill in Livermore, California, liquefied on-site by Altamont Bio-LNG Plant to LNG; trucked in-state to California LNG stations. (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A035701	Tier 1	3.0	Fuel Producer: Delek Renewables, LLC (5998); Facility Name: Delek Renewables Crossett Biodiesel Plant (82217); U.S. Sourced Rendered Animal Fat Oil transported by truck and rail to Biodiesel plant in Crossett, Arkansas; Grid Electricity; Biodiesel fuel transported to California by rail.	Arkansas	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BDT213	32.96	BIO002A03570100	28.97	8/4/2021	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Crossett Biodiesel Plant (82217)	U.S. Sourced Rendered Animal Fat Oil transported by truck and rail to Biodiesel plant in Crossett, Arkansas; Grid Electricity; Biodiesel fuel transported to California by rail.	None	
A039901	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO HARTLEY PLANT (70275); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hartley, Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A03990100	72.80	8/4/2021	None	Ethanol	Valero Renewable Fuels (3201)	VALERO HARTLEY PLANT (70275)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hartley, Iowa; Ethanol transported by rail to California. (Provisional)	None	
A039902	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO HARTLEY PLANT (70275); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hartley, Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A03990200	68.94	8/4/2021	None	Ethanol	Valero Renewable Fuels (3201)	VALERO HARTLEY PLANT (70275)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hartley, Iowa; Ethanol transported by rail to California. (Provisional)	None	
A039903	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO HARTLEY PLANT (70275); Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hartley, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03990300	26.60	8/4/2021	None	Ethanol	Valero Renewable Fuels (3201)	VALERO HARTLEY PLANT (70275)	Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hartley, Iowa; Ethanol transported by rail to California (Provisional)	None	
L016301	Lookup Table	3.0	Fuel Producer: SRECTrade, Inc (C1018); Facility Name: SRECTrade, Inc Zero CI Direct Renewable Energy Stockton (F00378); Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	California	Directly Supplied Zero-CI Sources (049)	Electricity (ELC)	None	None	ELC049L00072019	0.00	8/2/2021	None	Electricity	SRECTrade, Inc (C1018)	SRECTrade, Inc Zero CI Direct Renewable Energy Stockton (F00378)	Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	None	
L016401	Lookup Table	3.0	Fuel Producer: SRECTrade, Inc (C1018); Facility Name: SRECTrade, Inc Zero CI Direct Renewable Energy Dispersed (F00379); Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	California	Directly Supplied Zero-CI Sources (049)	Electricity (ELC)	None	None	ELC049L00072019	0.00	8/5/2021	None	Electricity	SRECTrade, Inc (C1018)	SRECTrade, Inc Zero CI Direct Renewable Energy Dispersed (F00379)	Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California.	None	
L016601	Lookup Table	3.0	Fuel Producer: SunHarvest Partners LLC (C1147); Facility Name: SunHarvest Partners LLC (F00386); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/2/2021	None	Electricity	SunHarvest Partners LLC (C1147)	SunHarvest Partners LLC (F00386)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L016701	Lookup Table	3.0	Fuel Producer: Degrees3 Transportation Solutions, LLC (C1111); Facility Name: Degrees3 Transportation Solutions (F00385); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/5/2021	None	Electricity	Degrees3 Transportation Solutions, LLC (C1111)	Degrees3 Transportation Solutions (F00385)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L016501	Lookup Table	3.0	Fuel Producer: Peninsula Clean Energy (C1142); Facility Name: Peninsula Clean Energy (F00381); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/5/2021	None	Electricity	Peninsula Clean Energy (C1142)	Peninsula Clean Energy (F00381)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
A015601	Tier 1	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: Ninety-First Avenue Renewable Biogas LLC (70241); Digester Gas generated at the 91st Ave WWTP; upgraded to pipeline-quality biomethane in Tolleson, Arizona; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	Arizona	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A01560100	26.58	12/18/2019	None	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	Ninety-First Avenue Renewable Biogas LLC (70241)	Digester Gas generated at the 91st Ave WWTP; upgraded to pipeline-quality biomethane in Tolleson, Arizona; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	None	Retired
A039501	Tier 1	3.0	Fuel Producer: Just Biodiesel Pty. Ltd. (C1037); Facility Name: Just Biodiesel Pty. Ltd. (F00079); Australia Sourced Used Cooking Oil transported by truck to Biodiesel plant in Australia; Light Fuel Oil, Bottom Distillate, Bio Heating Oil, Grid Electricity; Biodiesel transported to California by Ocean Tanker. (Provisional)	Australia	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	None	None	BIO001A03950100	31.34	8/20/2021	None	Biodiesel	Just Biodiesel Pty. Ltd. (C1037)	Just Biodiesel Pty. Ltd. (F00079)	Australia Sourced Used Cooking Oil transported by truck to Biodiesel plant in Australia; Light Fuel Oil, Bottom Distillate, Bio Heating Oil, Grid Electricity; Biodiesel transported to California by Ocean Tanker. (Provisional)	None	
A039502	Tier 1	3.0	Fuel Producer: Just Biodiesel Pty. Ltd. (C1037); Facility Name: Just Biodiesel Pty. Ltd. (F00079); Australia Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Australia; Light Fuel Oil, Bottom Distillate, Bio Heating Oil, Grid Electricity; Biodiesel transported to California by Ocean Tanker. (Provisional)	Australia	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	None	None	BIO002A03950200	43.33	8/20/2021	None	Biodiesel	Just Biodiesel Pty. Ltd. (C1037)	Just Biodiesel Pty. Ltd. (F00079)	Australia Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Australia; Light Fuel Oil, Bottom Distillate, Bio Heating Oil, Grid Electricity; Biodiesel transported to California by Ocean Tanker. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L016801	Lookup Table	3.0	Fuel Producer: Disneyland Resort (C1150); Facility Name: Disneyland Resort (F00388); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/17/2021	None	Electricity	Disneyland Resort (C1150)	Disneyland Resort (F00388)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
A035301	Tier 1	3.0	Fuel Producer: South Platte Renew (8380); Facility Name: 2900 SOUTH PLATTE RIVER DRIVE PROJECT (70641); Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge in Colorado; grid electricity; compressed and transported to California via pipeline; dispensed as CNG for transportation fuel. (Provisional)	Colorado	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A03530100	52.36	8/24/2021	None	Bio-CNG	South Platte Renew (8380)	2900 SOUTH PLATTE RIVER DRIVE PROJECT (70641)	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge in Colorado; grid electricity; compressed and transported to California via pipeline; dispensed as CNG for transportation fuel. (Provisional)	None	Retired
A038501	Tier 1	3.0	Fuel Producer: Los Angeles County Sanitation District (L375); Facility Name: Biogas Conditioning System Facility (F00308); Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge; grid electricity; finished fuel is compressed and dispensed as CNG transportation fuel onsite. (Provisional)	California	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A03850100	19.28	8/20/2021	None	Bio-CNG	Los Angeles County Sanitation District (L375)	Biogas Conditioning System Facility (F00308)	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge; grid electricity; finished fuel is compressed and dispensed as CNG transportation fuel onsite. (Provisional)	None	Retired
A025801	Tier 1	3.0	Fuel Producer: Agro Industrial Tabu S.A. (C1088); Facility Name: Agro Industrial Tabu (F00205); Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker via Panama Canal.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A02580100	51.59	9/3/2021	None	Ethanol	Agro Industrial Tabu S.A. (C1088)	Agro Industrial Tabu (F00205)	Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker via Panama Canal.	None	Retired
A037201	Tier 1	3.0	Fuel Producer: USINAS ITAMARATI SA (1150); Facility Name: USINAS ITAMARATI SA (70942); Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A03720100	58.21	9/17/2021	None	Ethanol	USINAS ITAMARATI SA (1150)	USINAS ITAMARATI SA (70942)	Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker.	None	
L017001	Lookup Table	3.0	Fuel Producer: Smart Charging Technologies (C1050) ; Facility Name: Burlington Distribution Hydrogen (F00396); Liquefied H2 produced in California from central SMR of North American fossil-based NG	California	North American Fossil NG (031)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	9/13/2021	None	Hydrogen	Smart Charging Technologies (C1050)	Burlington Distribution Hydrogen (F00396)	Liquefied H2 produced in California from central SMR of North American fossil-based NG	None	
A037901	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (Provisional)	Texas	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03790100	23.13	9/28/2021	None	Ethanol - Cellulosic	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (Provisional)	None	Retired
B019701	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure of Bos Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California (Provisional)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00580100	-167.04	CNG026B01970100	-177.03	9/28/2021	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure of Bos Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California (Provisional)	None	Retired
B019702	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure of Herrema Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00580200	-151.41	CNG026B01970200	-156.78	9/28/2021	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure of Herrema Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	None	Retired
B019703	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure of Windy Ridge Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00580300	-257.78	CNG026B01970300	-295.26	9/28/2021	Application Package	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure of Windy Ridge Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	None	Retired
B017502	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Giacomini Dairy (F00305); Low-CI Electricity from Dairy Manure and Cheese Wastewater Biogas using reciprocating engine at Giacomini Dairy in Point Reyes Station, California for use as transportation fuel in California (Provisional)	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B01750200	-431.65	9/30/2021	Application Package	Electricity	CleanFuture, Inc. (C1001)	Giacomini Dairy (F00305)	Low-CI Electricity from Dairy Manure and Cheese Wastewater Biogas using reciprocating engine at Giacomini Dairy in Point Reyes Station, California for use as transportation fuel in California. (Provisional)	None	
B018503	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #15 LLC dba Hamstra Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01850300	-382.11	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #15 LLC dba Hamstra Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B019802	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABECA# 6 LLC dba Maple Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01980200	-414.26	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABECA# 6 LLC dba Maple Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
B019804	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at BV Dairy Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01980400	-405.41	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at BV Dairy Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
B019805	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at Western Sky Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01980500	-385.40	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at Western Sky Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
A041801	Tier 1	3.0	Fuel Producer: Copersucar (3702); Facility Name: Ferrari Agroindustrial S.A. (70435); Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04180100	51.83	9/30/2021	None	Ethanol	Copersucar (3702)	Ferrari Agroindustrial S.A. (70435)	Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker	None	
A040202	Tier 1	3.0	Fuel Producer: Siouxland Ethanol, LLC (5026); Facility Name: Siouxland Ethanol (70134); Midwest Corn, Dry Mill; Edniq Fiber Conversion Process; Natural Gas, Landfill Gas, Combined-Heat and Power and Grid Electricity; Fiber Ethanol produced in Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A00340200	26.67	ETH012A04020200	24.18	10/11/2021	None	Ethanol	Siouxland Ethanol, LLC (5026)	Siouxland Ethanol (70134)	Midwest Corn, Dry Mill; Edniq Fiber Conversion Process; Natural Gas, Landfill Gas, Combined-Heat and Power and Grid Electricity; Fiber Ethanol produced in Nebraska; Ethanol transported by rail to California. (Provisional)	None	
A037902	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Midwest Corn, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California. (Provisional)	Texas	Corn (009)	Ethanol (ETH)	ETH009A01630100	64.74	ETH009A03790200	63.93	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California. (Provisional)	None	Retired
B019803	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABECA# 7 LLC dba T&W Dairy Biogas in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B01980300	-420.69	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABECA# 7 LLC dba T&W Dairy Biogas in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	None	Retired
A040801	Tier 1	3.0	Fuel Producer: Ag Processing Inc (4552); Facility Name: Ag Processing Inc - Sgt. Bluff (81733); Midwest Soybean Oil; Extraction Facility co-located with a Biodiesel plant in Sergeant Bluff, Iowa; Grid Electricity; Natural Gas; Finished Fuel transported to California by rail.	Iowa	Soybean Oil (005)	Biodiesel (BIO)	BDS214	50.03	BIO005A04080100	53.32	10/18/2021	None	Biodiesel	Ag Processing Inc (4552)	Ag Processing Inc - Sgt. Bluff (81733)	Midwest Soybean Oil; Extraction Facility co-located with a Biodiesel plant in Sergeant Bluff, Iowa; Grid Electricity; Natural Gas; Finished Fuel transported to California by rail.	None	
A041201	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Fort Dodge (70043); Midwest Corn, Dry Mill; Dry DGS, and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02480100	70.62	ETH009A04120100	73.30	10/18/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Fort Dodge (70043)	Midwest Corn, Dry Mill; Dry DGS, and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California. (Provisional)	None	
A041202	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Fort Dodge (70043); Midwest Corn, Dry Mill; Modified DGS, and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02480200	67.47	ETH009A04120200	69.83	10/18/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Fort Dodge (70043)	Midwest Corn, Dry Mill; Modified DGS, and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California. (Provisional)	None	
A041203	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Fort Dodge (70043); Midwest Corn, Dry Mill; Fiber ethanol via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa and transported by rail to California. (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04120300	26.83	10/18/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Fort Dodge (70043)	Midwest Corn, Dry Mill; Fiber ethanol via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa and transported by rail to California. (Provisional)	None	
A043001	Tier 1	3.0	Fuel Producer: Trenton Agri Products, LLC (4754); Facility Name: Trenton Agri Products, LLC (70053); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00690100	65.13	ETH009A04300100	64.99	10/18/2021	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A043002	Tier 1	3.0	Fuel Producer: Trenton Agri Products, LLC (4754); Facility Name: Trenton Agri Products, LLC (70053); Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04300200	27.97	10/18/2021	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (Provisional)	None	
A037801	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Midwest Corn, Dry Mill; Natural Gas, Grid Electricity; Corn and Sorghum Fiber Ethanol produced in Plainview, Texas via Edeniq Process ; Ethanol transported by rail to California (Provisional)	Texas	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A03780100	25.36	9/28/2021	None	Ethanol - Cellulosic	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Midwest Corn, Dry Mill; Natural Gas, Grid Electricity; Corn and Sorghum Fiber Ethanol produced in Plainview, Texas via Edeniq Process ; Ethanol transported by rail to California (Provisional)	None	Retired
A037802	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Midwest Corn, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	Texas	Corn (009)	Ethanol (ETH)	ETH009A01610100	64.69	ETH009A03780200	66.38	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Midwest Corn, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	None	Retired
A037804	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Midwest Corn, Dry Mill, Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	Texas	Corn (009)	Ethanol (ETH)	ETH009A01610400	72.64	ETH009A03780400	73.91	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Midwest Corn, Dry Mill, Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	None	Retired
A041301	Tier 1	3.0	Fuel Producer: TRUSTAR ENERGY LLC (6523); Facility Name: Imperial Landfill Gas Company, LLC (F00219); Biomethane from Imperial Landfill in Imperial, Pennsylvania, pipelined to California for compression to CNG.	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A04130100	53.19	11/23/2021	None	Bio-CNG	TRUSTAR ENERGY LLC (6523)	Imperial Landfill Gas Company, LLC (F00219)	Biomethane from Imperial Landfill in Imperial, Pennsylvania, pipelined to California for compression to CNG.	None	
A039601	Tier 1	3.0	Fuel Producer: Adecoagro Brasil Participacoes (4192); Facility Name: Adecoagro Vale do Vinhema Ltda. (70496); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH5211 (T1N-1356)	46.32	ETH018A03960100	52.79	11/30/2021	None	Ethanol	Adecoagro Brasil Participacoes (4192)	Adecoagro Vale do Vinhema Ltda. (70496)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	Retired
L017201	Lookup Table	3.0	Fuel Producer: ChargeLab Inc. (C1153); Facility Name: ChargeLab Inc. (F00448); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/8/2021	None	Electricity	ChargeLab Inc. (C1153)	ChargeLab Inc. (F00448)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
L017301	Lookup Table	3.0	Fuel Producer: Clean Skies USA LLC (C1161); Facility Name: Clean Skies USA (F00452); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	12/3/2021	None	Electricity	Clean Skies USA LLC (C1161)	Clean Skies USA (F00452)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California.	None	
A042501	Tier 1	3.0	Fuel Producer: ADM Agri-Industries Company (6137); Facility Name: ADM Agri Industries (81926); Biodiesel produced from canola oil obtained from co-located seed crushing facility; transported by rail from Alberta, Canada, to Los Angeles, California for use as a transportation fuel.	Canada	Canola Oil (006)	Biodiesel (BIO)	BDCA202 (T1N-1406)	51.33	BIO006A04250100	47.65	12/16/2021	None	Biodiesel	ADM Agri-Industries Company (6137)	ADM Agri Industries (81926)	Biodiesel produced from canola oil obtained from co-located seed crushing facility; transported by rail from Alberta, Canada, to Los Angeles, California for use as a transportation fuel.	None	Retired
A043301	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO CHARLES CITY PLANT (70042); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Charles City, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A04330100	72.56	12/23/2021	None	Ethanol	Valero Renewable Fuels (3201)	VALERO CHARLES CITY PLANT (70042)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Charles City, Iowa; Ethanol transported by rail to California. (Provisional)	None	
A043302	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO CHARLES CITY PLANT (70042); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Charles City, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A04330200	69.05	12/23/2021	None	Ethanol	Valero Renewable Fuels (3201)	VALERO CHARLES CITY PLANT (70042)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Charles City, Iowa; Ethanol transported by rail to California. (Provisional)	None	
A043303	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO CHARLES CITY PLANT (70042); Midwest Corn, Dry Mill; Fiber ethanol Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Charles City, Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04330300	26.79	12/23/2021	None	Ethanol	Valero Renewable Fuels (3201)	VALERO CHARLES CITY PLANT (70042)	Midwest Corn, Dry Mill; Fiber ethanol Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Charles City, Iowa; Ethanol transported by rail to California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A044501	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Bonfim (70548); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM216	44.24	ETH018A04450100	51.75	12/23/2021	None	Ethanol	Raizen Energia S/A (3805)	Bonfim (70548)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A044601	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Ipaussu (71058); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM220	44.39	ETH018A04460100	48.27	12/23/2021	None	Ethanol	Raizen Energia S/A (3805)	Ipaussu (71058)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A044801	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Paraguacu (71057); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM223	46.71	ETH018A04480100	52.03	12/23/2021	None	Ethanol	Raizen Energia S/A (3805)	Paraguacu (71057)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A044901	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Rafard (70557); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM215R	48.76	ETH018A04490100	50.10	12/23/2021	None	Ethanol	Raizen Energia S/A (3805)	Rafard (70557)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A044401	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Barra (70210); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04440100	53.17	12/23/2021	None	Ethanol	Raizen Energia S/A (3805)	Barra (70210)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A043101	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Gasa (70551); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS221R	46.91	ETH018A04310100	48.01	12/23/2021	None	Ethanol	Raizen Energia S/A (3805)	Gasa (70551)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
B021801	Tier 2	3.0	Fuel Producer: Degrees3 Transportation Solutions, LLC (C1111); Facility Name: Blue Mountain Biogas, LLC; Low-CI Electricity from Swine Manure using reciprocating engine at Blue Mountain Biogas, LLC near Milford, Utah for use as transportation fuel in California (Provisional)	Utah	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	ELC026B02180100	-485.51	1/14/2022	Application Package	Electricity	Degrees3 Transportation Solutions, LLC (C1111)	Blue Mountain Biogas, LLC	Low-CI Electricity from Swine Manure using reciprocating engine at Blue Mountain Biogas, LLC near Milford, Utah for use as transportation fuel in California (Provisional)	None	
B024102	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from Soybean Oil transported by rail and barge to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	California	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B02410200	58.16	12/28/2021	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from Soybean Oil transported by rail and barge to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	None	
B024201	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana; transported as compressed hydrogen in tube trailers to fueling stations in California.	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B02420100	-293.72	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana; transported as compressed hydrogen in tube trailers to fueling stations in California.	None	
B024202	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; transported as gaseous hydrogen in tube trailers to fueling stations in California.	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B02420200	-259.22	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; transported as gaseous hydrogen in tube trailers to fueling stations in California.	None	
B024203	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from landfill gas generated at Blue Ridge Renewables in Fresno, Texas; transported as compressed hydrogen in tube trailers to fueling stations in California.	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	None	None	HYG025B02420300	74.70	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from landfill gas generated at Blue Ridge Renewables in Fresno, Texas; transported as compressed hydrogen in tube trailers to fueling stations in California.	None	
B024204	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using North American Natural Gas; transported as compressed hydrogen in tube trailers to fueling stations in California.	California	North American Fossil NG (025)	Gaseous Hydrogen (HYG)	None	None	HYG031B02420400	115.15	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous hydrogen produced at Praxair SMR facility in Ontario, California using North American Natural Gas; transported as compressed hydrogen in tube trailers to fueling stations in California.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B024205	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana; transported as liquefied hydrogen in tanker trailers to fueling stations in California.	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B02420500	-254.95	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana; transported as liquefied hydrogen in tanker trailers to fueling stations in California.	None	
B024206	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana; regasified and distributed as compressed Hydrogen in tube trailers to fueling stations in California	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B02420600	-239.31	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from dairy manure at Digester #3, Fair Oaks Upgrader, Indiana; regasified and distributed as compressed Hydrogen in tube trailers to fueling stations in California	None	
B024207	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; transported as liquefied hydrogen in tankers to fueling stations in California	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B02420700	-220.45	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; transported as liquefied hydrogen in tankers to fueling stations in California	None	
B024208	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; regasified and distributed as compressed H2 in tube trailers to fueling stations in California	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B02420800	-204.81	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from dairy manure at Windy Ridge Digester, Jasper Upgrader, Indiana; regasified and distributed as compressed H2 in tube trailers to fueling stations in California	None	
B024209	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from landfill gas generated at Blue Ridge Renewables in Fresno, Texas; transported as liquefied Hydrogen in tankers to fueling stations in California	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B02420900	109.81	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from landfill gas generated at Blue Ridge Renewables in Fresno, Texas; transported as liquefied Hydrogen in tankers to fueling stations in California	None	
B024210	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from LFG generated at Blue Ridge Renewables in Fresno, Texas; regasified and distributed as compressed H2 in tube trailers to fueling stations in California	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B02421000	125.44	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from LFG generated at Blue Ridge Renewables in Fresno, Texas; regasified and distributed as compressed H2 in tube trailers to fueling stations in California	None	
B024211	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, California from North American Natural Gas; regasified and distributed as compressed Hydrogen in tube trailers to fueling stations in California	California	North American Fossil NG (025)	Liquid Hydrogen (HYL)	None	None	HYL031B02421100	169.55	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, California from North American Natural Gas; regasified and distributed as compressed Hydrogen in tube trailers to fueling stations in California	None	
B024212	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR facility in Ontario, California using North American Natural Gas; transported as liquefied Hydrogen in tanker trailers to fueling stations in California	California	North American Fossil NG (025)	Liquid Hydrogen (HYL)	None	None	HYL031B02421200	153.91	12/28/2021	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR facility in Ontario, California using North American Natural Gas; transported as liquefied Hydrogen in tanker trailers to fueling stations in California	None	
A043601	Tier 1	3.0	Fuel Producer: AL CORN CLEAN FUEL, LLC (4825); Facility Name: AL CORN CLEAN FUEL, LLC (70087); Midwest Corn, Dry Mill; Dry DGS and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A04360100	71.53	2/1/2022	None	Ethanol	AL CORN CLEAN FUEL, LLC (4825)	AL CORN CLEAN FUEL, LLC (70087)	Midwest Corn, Dry Mill; Dry DGS and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	None	Retired
A044701	Tier 1	3.0	Fuel Producer: Raizen Energia S/A (3805); Facility Name: Junqueira (70553); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHM217	47.82	ETH018A04470100	55.75	1/5/2022	None	Ethanol	Raizen Energia S/A (3805)	Junqueira (70553)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A039701	Tier 1	3.0	Fuel Producer: Archer Daniels Midland Co (4888); Facility Name: ADM Velva (82790); Canola oil extracted from co-located canola seed crushing operations in Velva, North Dakota, and used for biodiesel production; finished fuel transported to California by Rail for use as a transportation fuel.	North Dakota	Canola Oil (006)	Biodiesel (BIO)	BDCA203 (T1N-1457)	52.25	BIO006A03970100	47.44	12/20/2021	None	Biodiesel	Archer Daniels Midland Co (4888)	ADM Velva (82790)	Canola oil extracted from co-located canola seed crushing operations in Velva, North Dakota, and used for biodiesel production; finished fuel transported to California by Rail for use as a transportation fuel.	None	Retired
A040701	Tier 1	3.0	Fuel Producer: Guarani SA (3833); Facility Name: Tereos Açúcar e Etanol Brasil S.A. - Unidade Tanabi (F00098); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04070100	47.51	2/4/2022	None	Ethanol	Guarani SA (3833)	Tereos Açúcar e Etanol Brasil S.A. - Unidade Tanabi (F00098)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A041701	Tier 1	3.0	Fuel Producer: Copersucar (3702); Facility Name: Açucareira Quatá S/A – Filial Barra Grande (70412); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	ETHS250	47.71	ETH018A04170100	52.85	2/4/2022	None	Ethanol	Copersucar (3702)	Açucareira Quatá S/A– Filial Barra Grande (70412)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A042001	Tier 1	3.0	Fuel Producer: Copersucar (3702); Facility Name: Açucareira Quatá S/A – Filial São José (70432); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04200100	49.11	2/22/2022	None	Ethanol	Copersucar (3702)	Açucareira Quatá S/A– Filial São José (70432)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
A045001	Tier 1	3.0	Fuel Producer: WORLD ENERGY HARRISBURG LLC (6425); Facility Name: WORLD ENERGY HARRISBURG LLC (81499); Midwest Soybean Oil transported by truck to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail. (Provisional)	Pennsylvania	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A04500100	58.09	2/22/2022	None	Biodiesel	WORLD ENERGY HARRISBURG LLC (6425)	WORLD ENERGY HARRISBURG LLC (81499)	Midwest Soybean Oil transported by truck to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail. (Provisional)	None	Retired
A045002	Tier 1	3.0	Fuel Producer: WORLD ENERGY HARRISBURG LLC (6425); Facility Name: WORLD ENERGY HARRISBURG LLC (81499); US sourced Used Cooking Oil transported by truck and rail to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail. (Provisional)	Pennsylvania	ooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	None	None	BIO001A04500200	21.59	2/22/2022	None	Biodiesel	WORLD ENERGY HARRISBURG LLC (6425)	WORLD ENERGY HARRISBURG LLC (81499)	US sourced Used Cooking Oil transported by truck and rail to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail. (Provisional)	None	Retired
A044001	Tier 1	3.0	Fuel Producer: Element, LLC (C1020); Facility Name: Element (F00048); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California (Provisional)	Kansas	Corn (009)	Ethanol (ETH)	None	None	ETH009A04400100	72.37	3/2/2022	None	Ethanol	Element, LLC (C1020)	Element (F00048)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California (Provisional)	None	Retired
A044002	Tier 1	3.0	Fuel Producer: Element, LLC (C1020); Facility Name: Element (F00048); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California (Provisional)	Kansas	Corn (009)	Ethanol (ETH)	None	None	ETH009A04400200	62.07	3/2/2022	None	Ethanol	Element, LLC (C1020)	Element (F00048)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California (Provisional)	None	Retired
L017401	Lookup Table	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Compressed H2 produced in California from central SMR of North American fossil-based NG	California	North American Fossil NG	Gaseous Hydrogen (HYG)	None	None	HYG031L00072019	117.67	2/25/2022	None	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Compressed H2 produced in California from central SMR of North American fossil-based NG	None	
A041901	Tier 1	3.0	Fuel Producer: Copersucar (3702); Facility Name: Açucareira Quatá S.A. (70406); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04190100	53.36	3/21/2022	None	Ethanol	Copersucar (3702)	Açucareira Quatá S.A. (70406)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
B026804	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B01000100	23.93	AJF002B02680400	19.54	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	None	Retired
B026805	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B01000200	23.93	RND002B02680500	19.54	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B026806	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B01000300	23.93	RNT002B02680600	19.54	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B026807	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Hyrum Utah transported by Truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B01190100	19.51	AJF002B02680700	15.64	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Hyrum Utah transported by Truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B026808	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Hyrum Utah transported by Truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B01190200	19.51	RND002B02680900	15.64	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Hyrum Utah transported by Truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B026809	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Hyrum Utah transported by Truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B01190300	19.51	RNT002B02680900	15.64	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Hyrum Utah transported by Truck and rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B026813	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); North American Sourced Rendered Animal Fat transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B00430100	37.13	AJF002B02681300	32.93	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	North American Sourced Rendered Animal Fat transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	None	Retired
B026814	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); North American Sourced Rendered Animal Fat transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00430200	37.13	RND002B02681400	32.93	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	North American Sourced Rendered Animal Fat transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B026815	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); North American Sourced Rendered Animal Fat transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B00430300	37.13	RNT002B02681500	32.93	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	North American Sourced Rendered Animal Fat transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B026816	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B00440100	42.91	AJF002B02681600	38.43	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	None	Retired
B026817	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00440200	42.91	RND002B02681700	38.43	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	None	Retired
B026818	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B00440300	42.91	RNT002B02681800	38.43	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	None	Retired
B021501	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: Rosendale Renewable Energy, LLC (71041); Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02150100	-310.71	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	Rosendale Renewable Energy, LLC (71041)	Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	None	Retired
B021502	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: Rosendale Renewable Energy, LLC (71041); Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG trucked to California for use as LNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	None	None	LNG026B02150200	-296.99	3/30/2022	Application Package	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	Rosendale Renewable Energy, LLC (71041)	Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG trucked to California for use as LNG (Provisional)	None	Retired
B021503	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: Rosendale Renewable Energy, LLC (71041); Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG is trucked to California for use as L-CNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN026B02150300	-293.45	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	Rosendale Renewable Energy, LLC (71041)	Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG is trucked to California for use as L-CNG (Provisional)	None	Retired
A044201	Tier 1	3.0	Fuel Producer: Lincolnway Energy, LLC (4830); Facility Name: Lincolnway Energy (70092); Midwest Corn, Dry Mill; Dry and Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Nevada, Iowa; transported by rail to California; Composite CI (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A04420100	72.16	3/29/2022	None	Ethanol	Lincolnway Energy, LLC (4830)	Lincolnway Energy (70092)	Midwest Corn, Dry Mill; Dry and Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Nevada, Iowa; transported by rail to California; Composite CI (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A044203	Tier 1	3.0	Fuel Producer: Lincolnway Energy, LLC (4830); Facility Name: Lincolnway Energy (70092); Corn Fiber Ethanol produced from Midwest Corn using the Edeniq Fiber Conversion Process; NG, Grid Electricity; Ethanol produced in Nevada, Iowa is transported by rail to California. (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04420300	24.70	3/29/2022	None	Ethanol - Cellulosic	Lincolnway Energy, LLC (4830)	Lincolnway Energy (70092)	Corn Fiber Ethanol produced from Midwest Corn using the Edeniq Fiber Conversion Process; NG, Grid Electricity; Ethanol produced in Nevada, Iowa is transported by rail to California. (Provisional)	None	Retired
B026703	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North America sourced Zero Energy Rendered UCO transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	Spent Cooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	BIO0001A02850100	12.91	BIO0001B02670300	15.71	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North America sourced Zero Energy Rendered UCO transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	None	Retired
B026704	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North America sourced Low Energy Rendered UCO transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	Spent Cooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	BIO0001A02850400	15.81	BIO0001B02670400	16.34	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North America sourced Low Energy Rendered UCO transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	None	Retired
B026705	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North America sourced UCO Standard Rendering Energy, transported by truck and rail to BD plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	Spent Cooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	BIO0001A02850300	17.86	BIO0001B02670500	20.86	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North America sourced UCO Standard Rendering Energy, transported by truck and rail to BD plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	None	Retired
B028003	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Liquefied Hydrogen produced at Linde-Praxair SMR facility in Ontario, California using Biomethane generated at Dos Rios Water Recycling Center, San Antonio, Texas; transported as L.H2 in tanker trailers to refueling stations in California.	California	Wastewater Sludge (030)	Liquid Hydrogen (HYL)	None	None	HYL030B02800300	109.01	3/29/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Liquefied Hydrogen produced at Linde-Praxair SMR facility in Ontario, California using Biomethane generated at Dos Rios Water Recycling Center, San Antonio, Texas; transported as L.H2 in tanker trailers to refueling stations in California.	None	
B028004	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at Linde-Praxair SMR facility in Ontario, CA using Biomethane generated at SAWS Dos Rios Water Recycling Center in San Antonio, TX; transported as G.H2 in tube trailers to fueling stations in California.	California	Wastewater Sludge (030)	Gaseous Hydrogen (HYG)	None	None	HYG030B02800400	76.98	3/29/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at Linde-Praxair SMR facility in Ontario, CA using Biomethane generated at SAWS Dos Rios Water Recycling Center in San Antonio, TX; transported as G.H2 in tube trailers to fueling stations in California.	None	
B028005	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Liquefied Hydrogen produced at Linde-Praxair SMR facility in Ontario, CA using Biomethane derived from swine manure produced at Homan Farm, King City, MO; transported as L.H2 in tanker trailers to refueling stations in California.	California	Swine Manure (044)	Liquid Hydrogen (HYL)	None	None	HYL044B02800500	-338.45	3/29/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Liquefied Hydrogen produced at Linde-Praxair SMR facility in Ontario, CA using Biomethane derived from swine manure produced at Homan Farm, King City, MO; transported as L.H2 in tanker trailers to refueling stations in California.	None	
B028006	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Liquefied Hydrogen produced at Linde-Praxair SMR facility in Ontario, CA using Biomethane derived from swine manure produced at Valley View Farm, Greencastle, MO; transported as L.H2 in tanker trailers to refueling stations in California.	California	Swine Manure (044)	Liquid Hydrogen (HYL)	None	None	HYL044B02800600	-354.78	3/29/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Liquefied Hydrogen produced at Linde-Praxair SMR facility in Ontario, CA using Biomethane derived from swine manure produced at Valley View Farm, Greencastle, MO; transported as L.H2 in tanker trailers to refueling stations in California.	None	
A043701	Tier 1	3.0	Fuel Producer: LYNX RENEWABLE ENERGY LLC (1392); Facility Name: Lynx Renewable Energy (F00355); Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for compression to CNG (Provisional)	Oklahoma	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A04370100	37.00	4/11/2022	None	Bio-CNG	LYNX RENEWABLE ENERGY LLC (1392)	Lynx Renewable Energy (F00355)	Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for compression to CNG (Provisional)	None	Retired
A043702	Tier 1	3.0	Fuel Producer: LYNX RENEWABLE ENERGY LLC (1392); Facility Name: Lynx Renewable Energy (F00355); Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Oklahoma	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A04370200	50.61	4/11/2022	None	Bio-LNG	LYNX RENEWABLE ENERGY LLC (1392)	Lynx Renewable Energy (F00355)	Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	Retired
A043703	Tier 1	3.0	Fuel Producer: LYNX RENEWABLE ENERGY LLC (1392); Facility Name: Lynx Renewable Energy (F00355); Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Oklahoma	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A04370300	53.70	4/11/2022	None	Bio-CNG	LYNX RENEWABLE ENERGY LLC (1392)	Lynx Renewable Energy (F00355)	Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	Retired
A045201	Tier 1	3.0	Fuel Producer: VALE DO PARANA S.A ALCOOL E ACUCAR (6079); Facility Name: VALE DO PARANA S.A ALCOOL E ACUCAR (71119); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04520100	50.69	4/11/2022	None	Ethanol	VALE DO PARANA S.A ALCOOL E ACUCAR (6079)	VALE DO PARANA S.A ALCOOL E ACUCAR (71119)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A045601	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); California Sourced Corn Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (Provisional)	California	Distillers' Corn Oil (003	Biodiesel	BIO003A03760100	32.12	BIO003A04560100	30.15	4/7/2022	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	California Sourced Corn Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (Provisional)	None	Retired
A045602	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); North American Sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (Provisional)	California	oking Oil/Waste Oil (UC	Biodiesel	None	None	BIO001A04560200	23.48	4/7/2022	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	North American Sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (Provisional)	None	Retired
A045603	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (Provisional)	California	(animal and poultry fat	Biodiesel (BIO)	None	None	BIO002A04560300	36.09	4/7/2022	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (Provisional)	None	Retired
A045801	Tier 1	3.0	Fuel Producer: New Leaf Biofuel (7768); Facility Name: New Leaf Biofuel (83541); California Sourced Self-rendered Used Cooking Oil transported by truck to Biodiesel plant in San Diego, California; Natural Gas and Grid Electricity; Biodiesel transported by truck to California blending terminals (Provisional)	California	oking Oil/Waste Oil (UC	Biodiesel (BIO)	None	None	BIO001A04580100	14.69	5/10/2022	None	Biodiesel	New Leaf Biofuel (7768)	New Leaf Biofuel (83541)	California Sourced Self-rendered Used Cooking Oil transported by truck to Biodiesel plant in San Diego, California; Natural Gas and Grid Electricity; Biodiesel transported by truck to California blending terminals (Provisional)	None	Retired
A045802	Tier 1	3.0	Fuel Producer: New Leaf Biofuel (7768); Facility Name: New Leaf Biofuel (83541); California Sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in San Diego, California; Natural Gas and Grid Electricity; Biodiesel transported by truck to California blending terminals (Provisional)	California	oking Oil/Waste Oil (UC	Biodiesel (BIO)	None	None	BIO001A04580200	20.58	5/10/2022	None	Biodiesel	New Leaf Biofuel (7768)	New Leaf Biofuel (83541)	California Sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in San Diego, California; Natural Gas and Grid Electricity; Biodiesel transported by truck to California blending terminals (Provisional)	None	Retired
B030201	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Corn Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	Minnesota	Distillers' Corn Oil (003	Biodiesel (BIO)	BIO003A00830300	24.55	BIO003B03020100	24.50	6/3/2022	Application Package	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Corn Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	None	Retired
B030202	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	Minnesota	oking Oil/Waste Oil (UC	Biodiesel (BIO)	BIO001A00830400	17.72	BIO001B03020200	18.50	6/3/2022	Application Package	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	None	Retired
B030203	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Non-Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	Minnesota	oking Oil/Waste Oil (UC	Biodiesel (BIO)	BIO001A00830500	11.99	BIO001B03020300	12.50	6/3/2022	Application Package	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Non-Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	None	Retired
B030204	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	Minnesota	(animal and poultry fat	Biodiesel (BIO)	BIO002A00830600	28.89	BIO002B03020400	29.00	6/3/2022	Application Package	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (Provisional)	None	Retired
A046101	Tier 1	3.0	Fuel Producer: GARLAND RENEWABLES, LLC (1639); Facility Name: GARLAND RENEWABLES, LLC (71921); Landfill Gas generated at Garland Landfill in Rowlett, Texas upgraded to Biomethane at Garland Renewables; pipelined to California for compression and distribution to CNG refueling stations. (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A04610100	32.52	5/13/2022	None	Bio-CNG	GARLAND RENEWABLES, LLC (1639)	GARLAND RENEWABLES, LLC (71921)	Landfill Gas generated at Garland Landfill in Rowlett, Texas upgraded to Biomethane at Garland Renewables; pipelined to California for compression and distribution to CNG refueling stations. (Provisional)	None	
A046601	Tier 1	3.0	Fuel Producer: INNOLTEK (C1126); Facility Name: INNOLTEK (F00340); Rendered Animal Fat Oil transported by truck to biodiesel plant in St-Jean-sur-Richelieu, Quebec, Canada; NG, grid electricity; finished fuel transported to California by Rail.	Canada	(animal and poultry fat	Biodiesel (BIO)	None	None	BIO002A04660100	34.76	6/13/2022	None	Biodiesel	INNOLTEK (C1126)	INNOLTEK (F00340)	Rendered Animal Fat Oil transported by truck to biodiesel plant in St-Jean-sur-Richelieu, Quebec, Canada; NG, grid electricity; finished fuel transported to California by Rail.	None	
A040601	Tier 1	3.0	Fuel Producer: EDINBURG RENEWABLES, LLC (6401); Facility Name: CITY OF EDINBURG LANDFILL (71223); Biomethane from City of Edinburg Landfill in Edinburg, Texas, upgrading at Edinburg Renewables, LLC, pipelined to California for compression to CNG.	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A04060100	37.12	12/31/2021	None	Bio-CNG	EDINBURG RENEWABLES, LLC (6401)	CITY OF EDINBURG LANDFILL (71223)	Biomethane from City of Edinburg Landfill in Edinburg, Texas, upgrading at Edinburg Renewables, LLC, pipelined to California for compression to CNG.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B025001	Tier 2	3.0	Fuel Producer: AMPRENEW OFFTAKE I LLC (9041); Facility Name: RDF STEVENS LLC (71701); Biogas from dairy manure at District 45 farm in Hancock, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	Minnesota	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02500100	-182.67	6/28/2022	Application Package	Bio-CNG	AMPRENEW OFFTAKE I LLC (9041)	RDF STEVENS LLC (71701)	Biogas from dairy manure at District 45 farm in Hancock, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	None	Retired
B025002	Tier 2	3.0	Fuel Producer: AMPRENEW OFFTAKE I LLC (9041); Facility Name: RDF STEVENS LLC (71701); Biogas from dairy manure at Riverview farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	Minnesota	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02500200	-267.51	6/28/2022	Application Package	Bio-CNG	AMPRENEW OFFTAKE I LLC (9041)	RDF STEVENS LLC (71701)	Biogas from dairy manure at Riverview farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	None	Retired
B025003	Tier 2	3.0	Fuel Producer: AMPRENEW OFFTAKE I LLC (9041); Facility Name: RDF STEVENS LLC (71701); Biogas from dairy manure at West River farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	Minnesota	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02500300	-255.34	6/28/2022	Application Package	Bio-CNG	AMPRENEW OFFTAKE I LLC (9041)	RDF STEVENS LLC (71701)	Biogas from dairy manure at West River farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	None	Retired
B030701	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Wreden Ranch Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03070100	-353.38	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Wreden Ranch Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	None	Retired
B030702	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Hollandia Farms Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03070200	-405.57	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Hollandia Farms Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	None	Retired
B030703	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Cloverdale Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03070300	-255.83	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Cloverdale Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	None	Retired
B030705	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Grimmus in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03070500	-366.91	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Grimmus in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	None	Retired
B030704	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Valadao in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03070400	-249.43	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Valadao in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	None	Retired
B032901	Tier 2	3.0	Fuel Producer: Messer LLC (f.k.a. Linde LLC) (L012); Facility Name: Linde Praxair (F00477); Liquefied Hydrogen produced in California from central SMR of North American fossil-based NG; distributed 414 miles by liquid tanker to refueling stations.	California	North American Fossil NG (L012)	Liquid Hydrogen (HYL)	None	None	HYL031B03290100	153.28	6/23/2022	Application Package	Hydrogen	Messer LLC (f.k.a. Linde LLC) (L012)	Linde Praxair (F00477)	Liquefied Hydrogen produced in California from central SMR of North American fossil-based NG; distributed 414 miles by liquid tanker to refueling stations.	None	
A044101	Tier 1	3.0	Fuel Producer: GREENAMERICA BIOFUELS ORD LLC (1481); Facility Name: GREEN PLAINS ORD, LLC (71641); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ord, Nebraska; Ethanol transported by truck and rail to California, Composite CI.	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A04410100	70.65	6/29/2022	None	Ethanol	GREENAMERICA BIOFUELS ORD LLC (1481)	GREEN PLAINS ORD, LLC (71641)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ord, Nebraska; Ethanol transported by truck and rail to California, Composite CI.	None	
B028301	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: DEER RUN RNG PROJECT (71482); Biogas from dairy manure at Deer Run in Kewaunee, WI; upgraded to pipeline quality at Deer Run RNG; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02830100	-195.09	6/29/2022	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	DEER RUN RNG PROJECT (71482)	Biogas from dairy manure at Deer Run in Kewaunee, WI; upgraded to pipeline quality at Deer Run RNG; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	Retired
B030801	Tier 2	3.0	Fuel Producer: WOF SW GGP 1 LLC (W009); Facility Name: Green Gas Partners Stanfield (F00003); Biogas from dairy manure at Shamrock Farms, T&K Red River, and Zinke Dairy in Stanfield and Maricopa, AZ; upgraded to pipeline quality at Green Gas Partners Stanfield and pipelined to CA for transportation use (Provisional)	Arizona	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03080100	-362.84	6/30/2022	Application Package	Bio-CNG	WOF SW GGP 1 LLC (W009)	Green Gas Partners Stanfield (F00003)	Biogas from dairy manure at Shamrock Farms, T&K Red River, and Zinke Dairy in Stanfield and Maricopa, AZ; upgraded to pipeline quality at Green Gas Partners Stanfield and pipelined to CA for transportation use (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B031001	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Double J in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03100100	-349.17	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Double J in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
B031002	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Rob Van Grouw in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03100200	-210.67	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Rob Van Grouw in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
B031004	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Mineral King in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03100400	-417.26	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Mineral King in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
B031003	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Meltema in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03100300	-406.28	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Meltema in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
B031005	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Rancho Sierra Vista in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03100500	-417.24	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Rancho Sierra Vista in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
B031006	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Jacobus De Groot #2 Dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03100600	-356.29	6/28/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Jacobus De Groot #2 Dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
A046201	Tier 1	3.0	Fuel Producer: CORN, LP (5065); Facility Name: CORN, LP (70145); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04620101	33.08	6/23/2022	None	Ethanol	CORN, LP (5065)	CORN, LP (70145)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A046202	Tier 1	3.0	Fuel Producer: CORN, LP (5065); Facility Name: CORN, LP (70145); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California, Composite CI (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00330101	71.09	ETH009A04620201	70.62	6/23/2022	None	Ethanol	CORN, LP (5065)	CORN, LP (70145)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California, Composite CI (Provisional)	None	Retired
L018801	Lookup Table	3.0	Fuel Producer: Silicon Valley Clean Energy (C1183); Facility Name: Silicon Valley Clean Energy Authority (F00484); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/14/2022	None	Electricity	Silicon Valley Clean Energy (C1183)	Silicon Valley Clean Energy Authority (F00484)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L019101	Lookup Table	3.0	Fuel Producer: Southern California Edison (C1185); Facility Name: Southern California Edison (F00489); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/28/2022	None	Electricity	Southern California Edison (C1185)	Southern California Edison (F00489)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L019301	Lookup Table	3.0	Fuel Producer: Skyview Finance Company 2, LLC (C1174); Facility Name: Skyview Finance Company 2, LLC ZCI CA B&C (F00492); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	3/28/2022	None	Electricity	Skyview Finance Company 2, LLC (C1174)	Skyview Finance Company 2, LLC ZCI CA B&C (F00492)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L019401	Lookup Table	3.0	Fuel Producer: SRECTrade, Inc (C1018); Facility Name: SRECTrade, Inc. Zero CI Direct Renewable Energy Avenal (F00490); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Supplied Zero-CI Sources	Electricity (ELC)	None	None	ELC049L00072019	0.00	4/8/2022	None	Electricity	SRECTrade, Inc (C1018)	SRECTrade, Inc. Zero CI Direct Renewable Energy Avenal (F00490)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
L019601	Lookup Table	3.0	Fuel Producer: Redwood City School District (C1205); Facility Name: Redwood City School District (F00524); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/22/2022	None	Electricity	Redwood City School District (C1205)	Redwood City School District (F00524)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L019701	Lookup Table	3.0	Fuel Producer: The Mobility House (C1200); Facility Name: The Mobility House (F00525); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/24/2022	None	Electricity	The Mobility House (C1200)	The Mobility House (F00525)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L019801	Lookup Table	3.0	Fuel Producer: 7-Eleven, Inc. (C1204); Facility Name: 7-Eleven, Inc. (F00526); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	6/24/2022	None	Electricity	7-Eleven, Inc. (C1204)	7-Eleven, Inc. (F00526)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A041001	Tier 1	3.0	Fuel Producer: JAPUNGU AGROINDUSTRIAL LTDA (C1145); Facility Name: Japungu Agroindustrial Ltda (F00383); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04100100	52.77	7/18/2022	None	Ethanol	JAPUNGU AGROINDUSTRIAL LTDA (C1145)	Japungu Agroindustrial Ltda (F00383)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	Retired
A045701	Tier 1	3.0	Fuel Producer: BP Biofuels (4427); Facility Name: Tropical Bioenergia SA (71078); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A04570100	50.57	7/18/2022	None	Ethanol	BP Biofuels (4427)	Tropical Bioenergia SA (71078)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	None	
L019001	Lookup Table	3.0	Fuel Producer: San Francisco Bay Area Rapid Transit District (BART) (C1176); Facility Name: SF BART (F00482); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.0	3/17/2022	None	Electricity	San Francisco Bay Area Rapid Transit District (BART) (C1176)	SF BART (F00482)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A046702	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO LINDEN PLANT (70196); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Linden, Indiana; Ethanol transported by rail to California. (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A04670200	73.37	7/18/2022	None	Ethanol	Valero Renewable Fuels (3201)	VALERO LINDEN PLANT (70196)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Linden, Indiana; Ethanol transported by rail to California. (Provisional)	None	
A046701	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO LINDEN PLANT (70196); Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Linden, Indiana; Ethanol transported by rail to California. (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04670100	27.73	7/18/2022	None	Ethanol	Valero Renewable Fuels (3201)	VALERO LINDEN PLANT (70196)	Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Linden, Indiana; Ethanol transported by rail to California. (Provisional)	None	
A046703	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO LINDEN PLANT (70196); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Linden, Indiana; Ethanol transported by rail to California. (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	None	None	ETH009A04670300	70.15	7/18/2022	None	Ethanol	Valero Renewable Fuels (3201)	VALERO LINDEN PLANT (70196)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Linden, Indiana; Ethanol transported by rail to California. (Provisional)	None	
L020201	Lookup Table	3.0	Fuel Producer: County of Santa Clara (C1208); Facility Name: County of Santa Clara (F00530); Zero-CI electricity from solar PV generated in CA	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	7/11/2022	None	Electricity	County of Santa Clara (C1208)	County of Santa Clara (F00530)	Zero-CI electricity from solar PV generated in CA	None	
L020301	Lookup Table	3.0	Fuel Producer: City of Palo Alto Utilities (P600); Facility Name: City of Palo Alto Utilities (F00499); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	7/13/2022	None	Electricity	City of Palo Alto Utilities (P600)	City of Palo Alto Utilities (F00499)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A046801	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO WELCOME PLANT (70276); Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Welcome, Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04680100	26.52	7/20/2022	None	Ethanol	Valero Renewable Fuels (3201)	VALERO WELCOME PLANT (70276)	Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Welcome, Minnesota; Ethanol transported by rail to California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A046802	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO WELCOME PLANT (70276); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Welcome, Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A04680200	72.15	7/20/2022	None	Ethanol	Valero Renewable Fuels (3201)	VALERO WELCOME PLANT (70276)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Welcome, Minnesota; Ethanol transported by rail to California. (Provisional)	None	
A046803	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: VALERO WELCOME PLANT (70276); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Welcome, Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A04680300	68.59	7/20/2022	None	Ethanol	Valero Renewable Fuels (3201)	VALERO WELCOME PLANT (70276)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Welcome, Minnesota; Ethanol transported by rail to California. (Provisional)	None	
A046902	Tier 1	3.0	Fuel Producer: BADGER STATE ETHANOL LLC (4469); Facility Name: Badger State Ethanol (70130); Midwest Corn, Dry Mill; Modified DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Wisconsin; Ethanol transported by rail to California (Provisional)	Wisconsin	Corn (009)	Ethanol (ETH)	None	None	ETH009A04690200	69.34	9/19/2022	None	Ethanol	BADGER STATE ETHANOL LLC (4469)	Badger State Ethanol (70130)	Midwest Corn, Dry Mill; Modified DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Wisconsin; Ethanol transported by rail to California (Provisional)	None	
A046903	Tier 1	3.0	Fuel Producer: BADGER STATE ETHANOL LLC (4469); Facility Name: Badger State Ethanol (70130); Midwest Corn, Dry Mill; Fiber ethanol produced via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Wisconsin and transported by rail to California (Provisional)	Wisconsin	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04690300	27.41	9/19/2022	None	Ethanol	BADGER STATE ETHANOL LLC (4469)	Badger State Ethanol (70130)	Midwest Corn, Dry Mill; Fiber ethanol produced via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Wisconsin and transported by rail to California (Provisional)	None	
A046901	Tier 1	3.0	Fuel Producer: BADGER STATE ETHANOL LLC (4469); Facility Name: Badger State Ethanol (70130); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Wisconsin; Ethanol transported by rail to California (Provisional)	Wisconsin	Corn (009)	Ethanol (ETH)	None	None	ETH009A04690100	74.18	9/19/2022	None	Ethanol	BADGER STATE ETHANOL LLC (4469)	Badger State Ethanol (70130)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Wisconsin; Ethanol transported by rail to California (Provisional)	None	
L020601	Lookup Table	3.0	Fuel Producer: STX Commodities LLC (C1195) ; Facility Name: STX Commodities LLC 2.0 (F00539); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity	None	None	ELC037L00072019	0.00	9/14/2022	None	Electricity	STX Commodities LLC (C1195)	STX Commodities LLC 2.0 (F00539)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
B028201	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: U.S. GAIN RNG FACILITY S&S (71361); Biogas from dairy manure at Jerseyland Dairy in Sturgeon Bay, WI; upgraded to pipeline quality at U.S. GAIN RNG FACILITY S&S; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B02820100	-272.08	9/23/2022	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	U.S. GAIN RNG FACILITY S&S (71361)	Biogas from dairy manure at Jerseyland Dairy in Sturgeon Bay, WI; upgraded to pipeline quality at U.S. GAIN RNG FACILITY S&S; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	Retired
B032301	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from distiller's corn oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	California	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B03230100	25.46	9/20/2022	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from distiller's corn oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	None	
B033801	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (5877); Facility Name: DALHART RNG, LLC (70981); Biogas from swine manure at Dalhart Farm in Dalhart, TX; upgraded to pipeline quality at Dalhart RNG and pipelined to CA for transportation use (Provisional)	Texas	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B03380100	-417.96	9/23/2022	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (5877)	DALHART RNG, LLC (70981)	Biogas from swine manure at Dalhart Farm in Dalhart, TX; upgraded to pipeline quality at Dalhart RNG and pipelined to CA for transportation use (Provisional)	None	Retired
B031101	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Aukeman Farm in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110101	-418.04	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Aukeman Farm in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031102	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Dykstra Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110200	-383.14	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Dykstra Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031103	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Horizon Jersey Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110300	-419.34	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Horizon Jersey Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B031105	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Bos Farms Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110500	-276.38	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Bos Farms Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031104	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Rancho Teresita Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110400	-299.39	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Rancho Teresita Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031107	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at El Monte Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110700	-341.84	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at El Monte Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031106	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Riverbend South Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110600	-403.86	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Riverbend South Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031108	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Scheenstra Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03110800	-273.88	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Scheenstra Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	None	Retired
B031501	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Biogas from dairy manure at Udder dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas West Visalia and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03150100	-403.96	9/29/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Biogas from dairy manure at Udder dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas West Visalia and pipelined to CA for transportation use (Provisional)	None	Retired
B034601	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: YELLOW JACKET LAMB RNG PROJECT (71101); Biogas from dairy manure at Lamb Farm in Oakfield, NY; upgraded to pipeline quality at Yellow Jacket Lamb RNG Project and pipelined to California for transportation use (Provisional)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03460100	-311.72	9/28/2022	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET LAMB RNG PROJECT (71101)	Biogas from dairy manure at Lamb Farm in Oakfield, NY; upgraded to pipeline quality at Yellow Jacket Lamb RNG Project and pipelined to California for transportation use (Provisional)	None	Retired
B034801	Tier 2	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Air Products and Chemicals SMR Wilmington (F00384); Gaseous Hydrogen produced in California by Central SMR of biomethane sourced from the District 45 dairy digester in Minnesota. Finished fuel is distributed to refueling stations in California by tube trailers, (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03480100	-147.20	9/29/2022	Application Package	Hydrogen	Shell Energy North America (6154)	Air Products and Chemicals SMR Wilmington (F00384)	Gaseous Hydrogen produced in California by Central SMR of biomethane sourced from the District 45 dairy digester in Minnesota. Finished fuel is distributed to refueling stations in California by tube trailers, (Provisional)	None	
B034901	Tier 2	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Carson Hydrogen Plant (F00059); Gaseous Hydrogen produced at the Carson Hydrogen Plant using Biomethane derived from digester gas generated at District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported via pipeline to refueling station in Torrance, California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03490100	-151.76	9/29/2022	Application Package	Hydrogen	Shell Energy North America (6154)	Carson Hydrogen Plant (F00059)	Gaseous Hydrogen produced at the Carson Hydrogen Plant using Biomethane derived from digester gas generated at District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported via pipeline to refueling station in Torrance, California. (Provisional)	None	
B035001	Tier 2	3.0	Fuel Producer: Shell Energy North America (6154); Facility Name: Sacramento Hydrogen Plant (F00102); L H2 produced at Sacramento Hydrogen Plant using digester gas derived from District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported to trans-fill facility, re-gasified, recompressed; distributed to refueling stations. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03500100	-89.98	9/29/2022	Application Package	Hydrogen	Shell Energy North America (6154)	Sacramento Hydrogen Plant (F00102)	L H2 produced at Sacramento Hydrogen Plant using digester gas derived from District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported to trans-fill facility, re-gasified, recompressed; distributed to refueling stations. (Provisional)	None	Retired
B035301	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: U.S. GAIN RNG FACILITY DALLMAN (71341); Biogas from dairy manure at Calmann East River Dairy in Brillion, WI; upgraded to pipeline quality at U.S. Gain RNG Facility Dallman and pipelined to CA for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03530100	-344.72	9/29/2022	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	U.S. GAIN RNG FACILITY DALLMAN (71341)	Biogas from dairy manure at Calmann East River Dairy in Brillion, WI; upgraded to pipeline quality at U.S. Gain RNG Facility Dallman and pipelined to CA for transportation use (Provisional)	None	Retired
B036001	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported as G H2 in tube trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03600100	-159.04	9/27/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported as G H2 in tube trailers to refueling stations in California. (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B036003	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); L H2 produced central SMR using Biomethane derived from dairy digester gas upgraded at Deer Run RNG Project in Kewaunee, WI; transported as L H2 in tankers to trans-fill center, re-gasified, compressed, and distributed to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03600300	-104.64	9/27/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	L H2 produced central SMR using Biomethane derived from dairy digester gas upgraded at Deer Run RNG Project in Kewaunee, WI; transported as L H2 in tankers to trans-fill center, re-gasified, compressed, and distributed to refueling stations in California. (Provisional)	None	Retired
B036002	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy manure digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported in liquid tanker trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03600200	-120.27	9/27/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy manure digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported in liquid tanker trailers to refueling stations in California. (Provisional)	None	Retired
B037301	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, CA using Biomethane derived from digester gas generated at District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tanker trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03730100	-107.85	9/29/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, CA using Biomethane derived from digester gas generated at District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tanker trailers to refueling stations in California. (Provisional)	None	
B037302	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy digester gas generated at Riverview Dairy Digester; upgraded at RDF Stevens in Morris, MN; transported in tanker trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03730200	-192.70	9/29/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy digester gas generated at Riverview Dairy Digester; upgraded at RDF Stevens in Morris, MN; transported in tanker trailers to refueling stations in California. (Provisional)	None	Retired
B037303	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR using Biomethane derived from digester gas generated at District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tube trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03730300	-146.62	9/29/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR using Biomethane derived from digester gas generated at District 45 Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tube trailers to refueling stations in California. (Provisional)	None	
B037304	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from digester gas generated at Riverview Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tube trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03730400	-231.46	9/29/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from digester gas generated at Riverview Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tube trailers to refueling stations in California. (Provisional)	None	Retired
B037305	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); L H2 produced at Praxair SMR using Biomethane upgraded at RDF Stevens in Morris, MN from digester gas procured from District 45 Dairy Digester; L H2 transported to trans-fill, regasified, and distributed to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03730500	-92.22	9/29/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	L H2 produced at Praxair SMR using Biomethane upgraded at RDF Stevens in Morris, MN from digester gas procured from District 45 Dairy Digester; L H2 transported to trans-fill, regasified, and distributed to refueling stations in California. (Provisional)	None	
B037306	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); L H2 produced at Praxair SMR using Biomethane upgraded at RDF Stevens in Morris, MN from digester gas produced at Riverview Dairy Digester; transported as L H2 to trans-fill, regasified and compressed, then transported to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03730600	-177.06	9/29/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	L H2 produced at Praxair SMR using Biomethane upgraded at RDF Stevens in Morris, MN from digester gas produced at Riverview Dairy Digester; transported as L H2 to trans-fill, regasified and compressed, then transported to refueling stations in California. (Provisional)	None	Retired
L020701	Lookup Table	3.0	Fuel Producer: Apple (A449); Facility Name: VP02 (V8866); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/28/2022	None	Electricity	Apple (A449)	VP02 (V8866)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L020901	Lookup Table	3.0	Fuel Producer: Revolv Global Inc. (C1210); Facility Name: Revolv Global Inc. (F00553); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/28/2022	None	Electricity	Revolv Global Inc. (C1210)	Revolv Global Inc. (F00553)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
A048401	Tier 1	3.0	Fuel Producer: Heartland Corn Products (4827); Facility Name: Heartland Corn Products (70089); Midwest Corn, Dry Mill; Dry DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A04840100	72.78	10/12/2022	None	Ethanol	Heartland Corn Products (4827)	Heartland Corn Products (70089)	Midwest Corn, Dry Mill; Dry DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	None	
A048402	Tier 1	3.0	Fuel Producer: Heartland Corn Products (4827); Facility Name: Heartland Corn Products (70089); Midwest Corn, Dry Mill; Fiber ethanol produced via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04840200	26.67	10/12/2022	None	Ethanol - Cellulosic	Heartland Corn Products (4827)	Heartland Corn Products (70089)	Midwest Corn, Dry Mill; Fiber ethanol produced via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A048901	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Albion (70283); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A04890100	74.58	10/12/2022	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Albion (70283)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California. (Provisional)	None	
A048902	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Albion (70283); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A04890200	70.52	10/12/2022	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Albion (70283)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California. (Provisional)	None	
A048903	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Albion (70283); Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04890300	27.18	10/12/2022	None	Ethanol - Cellulosic	Valero Renewable Fuels (3201)	Valero Renewable Fuels Albion (70283)	Midwest Corn, Dry Mill; Fiber ethanol from Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Albion, Nebraska; Ethanol transported by rail to California (Provisional)	None	
A049001	Tier 1	3.0	Fuel Producer: Southwest Iowa Renewable Energy, LLC (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A04900100	71.51	10/12/2022	None	Ethanol	Southwest Iowa Renewable Energy, LLC (5935)	Southwest Iowa Renewable Energy, LLC (70326)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California. (Provisional)	None	Retired
A049002	Tier 1	3.0	Fuel Producer: Southwest Iowa Renewable Energy, LLC (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Oakley, Kansas; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A04900200	61.15	10/12/2022	None	Ethanol	Southwest Iowa Renewable Energy, LLC (5935)	Southwest Iowa Renewable Energy, LLC (70326)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Oakley, Kansas; Ethanol transported by rail to California. (Provisional)	None	Retired
A049003	Tier 1	3.0	Fuel Producer: Southwest Iowa Renewable Energy, LLC (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Midwest Corn, Dry Mill; Fiber ethanol via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04900300	22.33	10/12/2022	None	Ethanol - Cellulosic	Southwest Iowa Renewable Energy, LLC (5935)	Southwest Iowa Renewable Energy, LLC (70326)	Midwest Corn, Dry Mill; Fiber ethanol via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California (Provisional)	None	Retired
A049401	Tier 1	3.0	Fuel Producer: BLUE SOURCE LLC (6086); Facility Name: Tres Rios Water Reclamation Facility (F00443); Biomethane derived from anaerobic digestion of wastewater sludge. (Provisional)	Arizona	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A04940100	27.41	10/10/2022	None	Bio-CNG	BLUE SOURCE LLC (6086)	Tres Rios Water Reclamation Facility (F00443)	Biomethane derived from anaerobic digestion of wastewater sludge. (Provisional)	None	
A047101	Tier 1	3.0	Fuel Producer: Trenton Agri Products, LLC (4754); Facility Name: Trenton Agri Products, LLC (70053); Midwest Corn, Dry Mill; Dry DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Trenton, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A04710101	73.70	11/8/2022	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest Corn, Dry Mill; Dry DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Trenton, Nebraska; Ethanol transported by rail to California. (Provisional)	None	
A047102	Tier 1	3.0	Fuel Producer: Trenton Agri Products, LLC (4754); Facility Name: Trenton Agri Products, LLC (70053); Midwest Corn, Dry Mill; Wet DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Trenton, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A04710201	64.99	11/8/2022	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest Corn, Dry Mill; Wet DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Trenton, Nebraska; Ethanol transported by rail to California. (Provisional)	None	
A047103	Tier 1	3.0	Fuel Producer: Trenton Agri Products, LLC (4754); Facility Name: Trenton Agri Products, LLC (70053); Midwest Corn, Dry Mill; Fiber ethanol from Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Trenton, Nebraska and transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04710301	27.35	11/8/2022	None	Ethanol	Trenton Agri Products, LLC (4754)	Trenton Agri Products, LLC (70053)	Midwest Corn, Dry Mill; Fiber ethanol from Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Trenton, Nebraska and transported by rail to California (Provisional)	None	
B032501	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable gasoline produced from soybean oil transported by barge to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/rail/pipeline (Provisional)	California	Soybean Oil (005)	Renewable Gasoline (RNG)	None	None	RNG005B03250100	63.35	12/20/2022	Application Package	Renewable Gasoline	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable gasoline from soybean oil transported by barge to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/rail/pipeline (Provisional)	None	
B032502	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable gasoline produced from soybean oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/rail/pipeline (Provisional)	California	Soybean Oil (005)	Renewable Gasoline (RNG)	None	None	RNG005B03250200	60.38	12/20/2022	Application Package	Renewable Gasoline	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable gasoline produced from soybean oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/rail/pipeline (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B032503	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable gasoline produced from canola oil transported by rail and ship to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/rail/pipeline (Provisional)	California	Canola Oil (006)	Renewable Gasoline (RNG)	None	None	RNG006B03250300	58.48	12/20/2022	Application Package	Renewable Gasoline	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable gasoline produced from canola oil transported by rail and ship to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/rail/pipeline (Provisional)	None	
B033701	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable gasoline produced from distiller's corn oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	California	Distillers' Corn Oil (003)	Renewable Gasoline (RNG)	None	None	RNG003B03370100	30.86	12/20/2022	Application Package	Renewable Gasoline	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable gasoline produced from distiller's corn oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline (Provisional)	None	
B035201	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from dairy manure at Newhouse Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC in and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B03520100	-411.77	12/5/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from dairy manure at Newhouse Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC in and pipelined to CA for transportation use (Provisional)	None	Retired
B035202	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at McMoore Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC and pipelined to CA for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B03520200	-351.51	12/5/2022	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at McMoore Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC and pipelined to CA for transportation use (Provisional)	None	Retired
A048601	Tier 1	3.0	Fuel Producer: Dansuk Industrial Co., Ltd (5953); Facility Name: Dansuk Industrial Co., Ltd (81302); South Korean Sourced Self-rendered Used Cooking Oil transported by truck to Biodiesel plant in Siwha, South Korea; South Korean Natural Gas and Electricity; Biodiesel transported by truck to port and to California by Ocean tanker.	South Korea	Used Cooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	BIO0001A01050100	27.89	BIO0001A04860100	25.98	12/19/2022	None	Biodiesel	Dansuk Industrial Co., Ltd (5953)	Dansuk Industrial Co., Ltd (81302)	South Korean Sourced Self-rendered Used Cooking Oil transported by truck to Biodiesel plant in Siwha, South Korea; South Korean Natural Gas and Electricity; Biodiesel transported by truck to port and to California by Ocean tanker.	None	
A048602	Tier 1	3.0	Fuel Producer: Dansuk Industrial Co., Ltd (5953); Facility Name: Dansuk Industrial Co., Ltd (81302); South Korean Sourced Rendered Tallow transported by truck to Biodiesel plant in Siwha, South Korea; South Korean Natural Gas and Electricity; Biodiesel transported by truck to port to California by Ocean tanker.	South Korea	Rendered Tallow (animal and poultry fat)	Biodiesel (BIO)	None	None	BIO0002A04860200	37.80	12/19/2022	None	Biodiesel	Dansuk Industrial Co., Ltd (5953)	Dansuk Industrial Co., Ltd (81302)	South Korean Sourced Rendered Tallow transported by truck to Biodiesel plant in Siwha, South Korea; South Korean Natural Gas and Electricity; Biodiesel transported by truck to port to California by Ocean tanker.	None	
B036601	Tier 2	3.0	Fuel Producer: Element Markets Renewable Energy, LLC (6877); Facility Name: MILFORD FARM (71483); Biogas from swine manure at Milford Farm in Milford, UT; upgraded to pipeline quality at Milford Farm and pipelined to CA for transportation use (Provisional)	Utah	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02140100	-413.67	CNG044B03660100	-414.59	12/7/2022	Application Package	Bio-CNG	Element Markets Renewable Energy, LLC (6877)	MILFORD FARM (71483)	Biogas from swine manure at Milford Farm in Milford, UT; upgraded to pipeline quality at Milford Farm and pipelined to CA for transportation use (Provisional)	None	Retired
B037801	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00089); Liquefied Hydrogen produced at Linde-Praxair SMR using Biomethane derived from landfill gas generated at Johnstown Regional Energy - Raeger Landfill in Johnstown, PA; finished fuel transported as liquefied Hydrogen in tanker trailers and re-gasified, recompressed, at refueling stations in California.	California	Landfill Gas (025)	Liquid Hydrogen (HYL)	None	None	HYL025B03780100	107.19	12/19/2022	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00089)	Liquefied Hydrogen produced at Linde-Praxair SMR using Biomethane derived from landfill gas generated at Johnstown Regional Energy - Raeger Landfill in Johnstown, PA; finished fuel transported as liquefied Hydrogen in tanker trailers and re-gasified, recompressed, at refueling stations in California.	None	
B038501	Tier 2	3.0	Fuel Producer: BLUE SOURCE LLC (6086); Facility Name: Green Valley Dairy LLC (F00198); Biogas from dairy manure at Green Valley Dairy in Krakow, WI; upgraded to pipeline quality at Green Valley Dairy; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B03850100	-180.73	12/21/2022	Application Package	Bio-CNG	BLUE SOURCE LLC (6086)	Green Valley Dairy LLC (F00198)	Biogas from dairy manure at Green Valley Dairy in Krakow, WI; upgraded to pipeline quality at Green Valley Dairy; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	Retired
B039101	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Jerseyland Dairy located in Sturgeon Bay, Wisconsin; finished fuel transported in tanker trailers; re-gasified, recompressed, and then dispensed as gaseous Hydrogen at the refueling stations in California.	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03910100	-197.27	12/22/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Jerseyland Dairy located in Sturgeon Bay, Wisconsin; finished fuel transported in tanker trailers; re-gasified, recompressed, and then dispensed as gaseous Hydrogen at the refueling stations in California.	None	
B039102	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Jerseyland Dairy located in Sturgeon Bay, Wisconsin; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03910200	-236.03	12/22/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Jerseyland Dairy located in Sturgeon Bay, Wisconsin; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	None	
B039103	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Jerseyland Dairy located in Sturgeon Bay, Wisconsin; transported as liquefied Hydrogen in tanker trailers to the trans-fill center in California; regasified, recompressed, and transported to refueling stations in California; dispensed as gaseous Hydrogen.	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03910300	-181.64	12/22/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394) Verification Body Name:	Liquefied Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Jerseyland Dairy located in Sturgeon Bay, Wisconsin; transported as liquefied Hydrogen in tanker trailers to the trans-fill center in California; regasified, recompressed, and transported to refueling stations in California; dispensed	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B039201	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility(F00394); Liquefied hydrogen from dairy manure at DALLMAN RNG Project; liquid hydrogen production at Praxair Inc., Ontario, California transported as liquid to H2 stations in California.	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03920100	-269.91	12/22/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied hydrogen from dairy manure at DALLMAN RNG Project; liquid hydrogen production at Praxair Inc., Ontario, California transported as liquid to H2 stations in California.	None	
B039202	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility(F00394); Gaseous Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Dallman East River Dairy located in Brillion, Wisconsin; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B03920200	-308.67	12/22/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Dallman East River Dairy located in Brillion, Wisconsin; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	None	
B039203	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility(F00394); Liquefied Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Dallman East River Dairy located in Brillion, Wisconsin; transported as liquefied Hydrogen in tanker trailers to the trans-fill center in California, regasified, recompressed, and transported to refueling stations in California; dispensed as gaseous Hydrogen.	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B03920300	-254.28	12/22/2022	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR facility using Biomethane derived from dairy manure digester gas generated at Dallman East River Dairy located in Brillion, Wisconsin; transported as liquefied Hydrogen in tanker trailers to the trans-fill center in California, regasified, recompressed, and transported to refueling stations in	None	
B034501	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: YELLOW JACKET LAKESHORE RNG PROJECT (71321); Biogas from dairy manure at Lakeshore Dairy in Wilson, NY; upgraded to pipeline quality at Yellow Jacket Lakeshore RNG Project; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03450100	-318.35	12/27/2022	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET LAKESHORE RNG PROJECT (71321)	Biogas from dairy manure at Lakeshore Dairy in Wilson, NY; upgraded to pipeline quality at Yellow Jacket Lakeshore RNG Project; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	Retired
B034701	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: YELLOW JACKET BOXLER RNG PROJECT (71222); Biogas from dairy manure at Boxler Dairy in Varysburg, NY; upgraded to pipeline quality at Yellow Jacket Boxler RNG Project; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03470100	-206.88	12/27/2022	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET BOXLER RNG PROJECT (71222)	Biogas from dairy manure at Boxler Dairy in Varysburg, NY; upgraded to pipeline quality at Yellow Jacket Boxler RNG Project; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	
A048101	Tier 1	3.0	Fuel Producer: BP Bunge Bioenergia SA (C1196); Facility Name: USINA OUROESTE AÇÚCAR E ALCOOL (F00509); Ethanol derived from Brazilian sugarcane juice and molasses; mechanized harvesting, and credit for export of surplus cogenerated electricity; finished fuel exported to California via Panama Canal by ocean tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH019A04810100	49.73	12/27/2022	None	Ethanol	BP Bunge Bioenergia SA (C1196)	USINA OUROESTE AÇÚCAR E ALCOOL (F00509)	Ethanol derived from Brazilian sugarcane juice and molasses; mechanized harvesting, and credit for export of surplus cogenerated electricity; finished fuel exported to California via Panama Canal by ocean tanker.	None	
A048301	Tier 1	3.0	Fuel Producer: BP Bunge Bioenergia SA (C1196); Facility Name: AGROINDUSTRIAL SANTA JULIANA (F00507); Ethanol produced from Brazilian sugarcane juice and molasses; credit for mechanized harvesting and surplus cogenerated electricity export; finished fuel exported to California via Panama Canal by ocean tanker.	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH019A04830100	51.34	12/27/2022	None	Ethanol	BP Bunge Bioenergia SA (C1196)	AGROINDUSTRIAL SANTA JULIANA (F00507)	Ethanol produced from Brazilian sugarcane juice and molasses; credit for mechanized harvesting and surplus cogenerated electricity export; finished fuel exported to California via Panama Canal by ocean tanker.	None	
B037001	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: GREEN HILLS FARM (71881); Biogas from swine manure at Green Hills Farm in Unionville, MO; upgraded to pipeline-quality on-site at the farm and pipelined to CA for transportation use (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B03700100	-408.25	12/28/2022	Application Package	Bio-CNG	Anew RNG, LLC (5877)	GREEN HILLS FARM (71881)	Biogas from swine manure at Green Hills Farm in Unionville, MO; upgraded to pipeline-quality on-site at the farm and pipelined to CA for transportation use (Provisional)	None	Retired
B037101	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: WHITETAIL FARM (71882); Biogas from swine manure at Whitetail Farm in Unionville, MO; upgraded to pipeline quality at Whitetail Farm and pipelined to CA for transportation use (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	None	None	CNG044B03710100	-412.77	12/28/2022	Application Package	Bio-CNG	Anew RNG, LLC (5877)	WHITETAIL FARM (71882)	Biogas from swine manure at Whitetail Farm in Unionville, MO; upgraded to pipeline quality at Whitetail Farm and pipelined to CA for transportation use (Provisional)	None	Retired
L018901	Lookup Table	3.0	Fuel Producer: 4GEN LOGISTICS, L.L.C. (C1156); Facility Name: 4GEN Fastlane (F00432); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	00.00	3/25/2022	None	Electricity	4GEN LOGISTICS, L.L.C. (C1156)	4GEN Fastlane (F00432)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L019201	Lookup Table	3.0	Fuel Producer: Linde LLC (L012); Facility Name: Linde Praxair (F00477); Liquefied Hydrogen produced in California from central SMR of North American fossil-based NG; grid electricity; finished fuel distributed less than 100 miles to refueling stations by tanker truck.	California	North American Fossil NG (037)	Liquid Hydrogen (HYL)	None	None	HYL031L00072019	150.94	6/30/2022	None	Hydrogen	Linde LLC (L012)	Linde Praxair (F00477)	Liquefied Hydrogen produced in California from central SMR of North American fossil-based NG; grid electricity; finished fuel distributed less than 100 miles to refueling stations by tanker truck.	None	
L020501	Lookup Table	3.0	Fuel Producer: Total Warehouse Inc. (C1214); Facility Name: Total Warehouse Inc. (F00541); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity	None	None	ELC037L00072019	00.00	9/16/2022	None	Electricity	Total Warehouse Inc. (C1214)	Total Warehouse Inc. (F00541)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A010501	Tier 1	3.0	Fuel Producer: Dansuk Industrial Co., Ltd (5953); Facility Name: Pyeongtaek 2 (80202); South Korea and Asian sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pyeongtaek, South Korea; Biodiesel transported by rail to California by ocean tanker	South Korea	oking Oil/Waste Oil (UC	Biodiesel (BIO)	BIO001A01050100	27.89	BIO001A01050101	25.00	12/17/2019	None	Biodiesel	Dansuk Industrial Co., Ltd (5953)	Pyeongtaek 2 (80202)	South Korea and Asian sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pyeongtaek, South Korea; Biodiesel transported by rail to California by ocean tanker	None	Retired
A012903	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSI (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSI (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn Fiber (012)	Ethanol (ETH)	ETH012A01290300	27.44	ETH012A01290301	27.01	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - LEIPSI (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSI (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A013003	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A01300300	27.54	ETH012A01300301	25.09	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A014603	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	Michigan	Corn Fiber (012)	Ethanol (ETH)	ETH012A01460300	27.33	ETH012A01460301	27.03	9/24/2019	None	Ethanol - Cellulosic	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Caro, Michigan and transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A015003	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Biogas, and Grid Electricity; Fiber Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A01500300	27.72	ETH012A01500301	27.19	10/3/2019	None	Ethanol - Cellulosic	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Biogas, and Grid Electricity; Fiber Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A015103	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 4064; Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 70108; Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Portland, IN; Ethanol transported by rail to California (Provisional)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A01510300	27.69	ETH012A01510301	26.17	10/3/2019	None	Ethanol - Cellulosic	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 4064	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) 70108	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Portland, IN; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A015203	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	Ohio	Corn Fiber (012)	Ethanol (ETH)	ETH012A01520300	27.00	ETH012A01520301	25.89	10/3/2019	None	Ethanol - Cellulosic	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A019802	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill; Soliton Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minden Nebraska and transported by rail to California	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A01980200	23.46	ETH012A01980201	23.04	6/24/2020	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill; Soliton Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minden Nebraska and transported by rail to California	2021 AFPR Recert Complete	Retired
A020904	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A02090400	27.48	ETH012A02090401	25.14	6/24/2020	None	Ethanol - Cellulosic	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	2021 AFPR Recert Complete	
A021203	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788) ; Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Fiber ethanol produced using BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Macon, MO; Ethanol transported by rail to California	Missouri	Corn Fiber (012)	Ethanol (ETH)	ETH012A02120300	26.19	ETH012A02120301	25.32	4/28/2020	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Fiber ethanol produced using BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Macon, MO; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A021703	Tier 1	3.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169); Facility Name: Hankinson Renewable Energy, LLC (70288); Midwest Corn, Dry Mill; Fiber ethanol Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California.	North Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A02170300	25.72	ETH012A02170301	24.41	7/27/2020	None	Ethanol - Cellulosic	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	Midwest Corn, Dry Mill; Fiber ethanol Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California.	2021 AFPR Recert Complete	
A022404	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Fiber ethanol from Ednig Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A02240400	23.96	ETH012A02240402	26.00	6/24/2020	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Fiber ethanol from Ednig Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024503	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A02450300	22.56	ETH012A02450303	24.71	12/4/2020	None	Ethanol - Cellulosic	POET Biorefining - Ashton (4782)	POET BIOREFINING-ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A024603	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	Ohio	Corn Fiber (012)	Ethanol (ETH)	ETH012A02460300	29.41	ETH012A02460302	28.47	12/29/2020	None	Ethanol - Cellulosic	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING- MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A027202	Tier 1	3.0	Fuel Producer: Husker Ag LLC (5078); Facility Name: Husker Ag LLC (70151); Midwest Corn, Dry Mill; Fiber ethanol produced from Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska; Ethanol transported by rail to California (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A02720200	26.60	ETH012A02720201	26.40	10/21/2020	None	Ethanol - Cellulosic	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest Corn, Dry Mill; Fiber ethanol produced from Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	
A030901	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Fiber Ethanol Production Using Soliton Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A03090100	24.46	ETH012A03090101	24.84	5/4/2021	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Fiber Ethanol Production Using Soliton Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired
B017403	Tier 2	3.0	Fuel Producer: POET Biorefining - Big Stone (4736); Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Coal, Grid Electricity; Ethanol produced in Big Stone, South Dakota; Ethanol transported by rail to California.	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012B01740300	29.14	ETH012B01740301	29.48	9/24/2021	Application Package	Ethanol - Cellulosic	POET Biorefining - Big Stone (4736)	POET Biorefining - Big Stone (70025)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Coal, Grid Electricity; Ethanol produced in Big Stone, South Dakota; Ethanol transported by rail to California.	2021 AFPR Recert Complete	
B019001	Tier 2	3.0	Fuel Producer: East Kansas Agri-Energy, LLC (4483); Facility Name: East Kansas Agri-Energy, LLC (83483); Renewable diesel produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail (Provisional)	Kansas	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RND003B01900100	46.31	RND003B01900101	56.37	6/25/2021	Application Package	Renewable Diesel	East Kansas Agri-Energy, LLC (4483)	East Kansas Agri-Energy, LLC (83483)	Renewable diesel produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail (Provisional)	2021 AFPR Recert Complete	
B019002	Tier 2	3.0	Fuel Producer: East Kansas Agri-Energy, LLC (4483); Facility Name: East Kansas Agri-Energy, LLC (83483); Renewable naphtha produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail	Kansas	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	RNT003B01900200	46.31	RNT003B01900201	56.37	6/25/2021	Application Package	Renewable Naphtha	East Kansas Agri-Energy, LLC (4483)	East Kansas Agri-Energy, LLC (83483)	Renewable naphtha produced from Distillers' Corn Oil in Kansas; natural gas, grid electricity and hydrogen; transport to California by rail	2021 AFPR Recert Complete	
A039402	Tier 1	3.0	Fuel Producer: America Agri Products/Wheatland, LLC (5095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (Provisional)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A03940200	27.87	ETH012A03940201	27.95	10/14/2021	None	Ethanol	America Agri Products/Wheatland, LLC (5095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired
A042302	Tier 1	3.0	Fuel Producer: Homeland Energy Solutions LLC (3220); Facility Name: Homeland Energy Solutions LLC (70188); Corn Kernel Fiber Ethanol produced from the EDENIQ process; Natural Gas, and Grid Electricity; Ethanol produced in Lawler, Iowa, and transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A04230200	24.02	ETH012A04230201	24.42	10/26/2021	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Corn Kernel Fiber Ethanol produced from the EDENIQ process; Natural Gas, and Grid Electricity; Ethanol produced in Lawler, Iowa, and transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
B024103	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from Canola Oil transported by rail and ocean tanker to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline	California	Canola Oil (006)	Renewable Diesel (RND)	RND006B02410300	51.87	RND006B02410301	52.90	12/28/2021	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from Canola Oil transported by rail and ocean tanker to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline	2021 AFPR Recert Complete	
B024101	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from Soybean Oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline	California	Soybean Oil (005)	Renewable Diesel (RND)	RND005B02410100	54.68	RND005B02410101	55.39	12/28/2021	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from Soybean Oil transported by rail to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge/ship/pipeline	2021 AFPR Recert Complete	
A043602	Tier 1	3.0	Fuel Producer: AL CORN CLEAN FUEL, LLC (4825); Facility Name: AL CORN CLEAN FUEL, LLC (70087); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process (Edeniq); Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A04360200	24.89	ETH012A04360201	25.15	2/1/2022	None	Ethanol	AL CORN CLEAN FUEL, LLC (4825)	AL CORN CLEAN FUEL, LLC (70087)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process (Edeniq); Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A037903	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California.	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A03790300	64.00	ETH010A03790301	65.92	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California.	2021 AFPR Recert Complete	Retired
A049301	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels LLC - Albert City (70142); Midwest Corn, Dry Mill, Dry DGS and Corn Oil Co-Products; Natural Gas and Electricity; Ethanol produced from corn in Albert City, Iowa and transported by Rail to California (Provisional)	Iowa	Corn (009)		ETH009A02540100	69.55	ETH009A04930100	73.97	1/23/2023	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Albert City (70142)	Midwest Corn, Dry Mill, Dry DGS and Corn Oil Co-Products; Natural Gas and Electricity; Ethanol produced from corn in Albert City, Iowa and transported by Rail to California (Provisional)	None	
A049302	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201) ; Facility Name: Valero Renewable Fuels LLC - Albert City (70142); Midwest Corn, Dry Mill, Modified DGS, and Corn Oil Co-Products; Natural Gas, Grid Electricity; Ethanol produced in Albert City, Iowa and transported by Rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02540200	66.07	ETH009A04930200	70.72	1/23/2023	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Albert City (70142)	Midwest Corn, Dry Mill; Modified DGS, and Corn Oil Co-Products; Natural Gas, Grid Electricity; Ethanol produced in Albert City, Iowa and transported by Rail to California (Provisional)	None	
A049303	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201) ; Facility Name: Valero Renewable Fuels LLC - Albert City (70142); Midwest Corn, Dry Mill, Dry and Modified DGS Co-Products; Ethanol produced from BPX Fiber Conversion Process; Natural Gas, and Grid Electricity; Ethanol produced in Albert City, Iowa, and transported by Rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04930300	27.65	1/23/2023	None	Ethanol - Cellulosic	Valero Renewable Fuels (3201)	Valero Renewable Fuels LLC - Albert City (70142)	Midwest Corn, Dry Mill; Dry and Modified DGS Co-Products; Ethanol produced from BPX Fiber Conversion Process; Natural Gas, and Grid Electricity; Ethanol produced in Albert City, Iowa, and transported by Rail to California (Provisional)	None	
A008601	Tier 1	3.0	Fuel Producer: Bridgeport Ethanol, LLC 5934; Facility Name: Bridgeport Ethanol, LLC 70217; Midwest Corn, Dry Mill, Wet DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Bridgeport, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00860100	62.37	ETH009A00860101	63.00	4/16/2019	None	Ethanol	Bridgeport Ethanol, LLC 5934	Bridgeport Ethanol, LLC 70217	Midwest Corn, Dry Mill, Wet DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Bridgeport, Nebraska; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A021201	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill, Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO; Ethanol transported by rail to California	Missouri	Corn (009)	Ethanol (ETH)	ETH009A02120100	75.09	ETH009A02120102	75.47	4/28/2020	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A031201	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); Midwest Soybean Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	California	Soybean Oil (005)	Biodiesel (BIO)	BIO005A03120100	57.16	BIO005A03120101	63.92	3/23/2021	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	Midwest Soybean Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	2021 AFPR Recert Complete	Retired
A031202	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); Canola Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	California	Canola Oil (006)	Biodiesel (BIO)	BIO006A03120200	51.65	BIO006A03120201	59.19	3/23/2021	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	Canola Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	2021 AFPR Recert Complete	Retired
A031204	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Stockton, California, for biodiesel production.	California	(animal and poultry fat)	Biodiesel (BIO)	BIO002A03120400	31.28	BIO002A03120401	38.49	3/23/2021	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Stockton, California, for biodiesel production.	2021 AFPR Recert Complete	Retired
A031205	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); CA sourced Rendered Animal and Poultry Fat Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	California	(animal and poultry fat)	Biodiesel (BIO)	BIO002A03120500	32.45	BIO002A03120501	39.35	3/23/2021	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	CA sourced Rendered Animal and Poultry Fat Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	2021 AFPR Recert Complete	Retired
A031206	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); US sourced Used Cooking Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	California	ooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	BIO001A03120600	21.27	BIO001A03120601	26.60	3/23/2021	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	US sourced Used Cooking Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	2021 AFPR Recert Complete	Retired
A034801	Tier 1	3.0	Fuel Producer: Delek Renewables, LLC (5998); Facility Name: Delek Renewables Cleburne Biodiesel Plant (81398); U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail (Provisional)	Texas	(animal and poultry fat)	Biodiesel (BIO)	BIO002A03480100	30.80	BIO002A03480101	31.95	7/28/2021	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Cleburne Biodiesel Plant (81398)	U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail (Provisional)	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A042602	Tier 1	3.0	Fuel Producer: Western Iowa Energy (4670); Facility Name: Western Iowa Energy (82630); Biodiesel produced from US sourced Soy Oil; finished fuel transported by rail to California for use as a transportation fuel.	Iowa	Soybean Oil (005)	Biodiesel (BIO)	BIO005A04260200	55.05	BIO005A04260201	54.75	12/22/2021	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Biodiesel produced from US sourced Soy Oil; finished fuel transported by rail to California for use as a transportation fuel.	2021 AFPR Recert Complete	
A042601	Tier 1	3.0	Fuel Producer: Western Iowa Energy (4670); Facility Name: Western Iowa Energy (82630); Biodiesel produced from US sourced tallow; finished fuel transported to California by rail for use as a transportation fuel.	Iowa	(animal and poultry fat)	Biodiesel (BIO)	BIO002A04260100	29.23	BIO002A04260101	29.39	12/22/2021	None	Biodiesel	Western Iowa Energy (4670)	Western Iowa Energy (82630)	Biodiesel produced from US sourced tallow; finished fuel transported to California by rail for use as a transportation fuel.	2021 AFPR Recert Complete	
A043901	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Skyline RNG Facility (F00217); Biomethane from Landfill at Ferris, Texas upgrading at Waste Management, pipelined to California for compression to CNG (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A04390100	53.17	2/22/2022	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Skyline RNG Facility (F00217)	Biomethane from Landfill at Ferris, Texas upgrading at Waste Management, pipelined to California for compression to CNG (Provisional)	None	
A043902	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Skyline RNG Facility (F00217); Biomethane from Landfill at Ferris, Texas, pipelined to Applied LNG in Needles - California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Texas	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A04390200	68.92	2/22/2022	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Skyline RNG Facility (F00217)	Biomethane from Landfill at Ferris, Texas, pipelined to Applied LNG in Needles - California for liquefaction to LNG; trucked to California LNG stations (Provisional)	None	
A043903	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Skyline RNG Facility (F00217); Biomethane from Landfill at Ferris, Texas, pipelined to Applied LNG in Needles - California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Texas	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LCN025A04390300	72.00	2/22/2022	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Skyline RNG Facility (F00217)	Biomethane from Landfill at Ferris, Texas, pipelined to Applied LNG in Needles - California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	None	
B026701	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003B02670100	28.67	BIO003B02670101	28.80	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2021 AFPR Recert Complete	Retired
B026702	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North American sourced Animal Fat transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	California	(animal and poultry fat)	Biodiesel (BIO)	BIO002B02670200	32.53	BIO002B02670201	32.73	3/29/2022	Application Package	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North American sourced Animal Fat transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2021 AFPR Recert Complete	Retired
A012001	Tier 1	3.0	Fuel Producer: Siouxdland Energy Cooperative (4060); Facility Name: Siouxdland Energy Cooperative (70112); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sioux Center, Iowa; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01200101	65.30	ETH009A01200102	64.69	9/5/2019	None	Ethanol	Siouxdland Energy Cooperative (4060)	Siouxdland Energy Cooperative (70112)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sioux Center, Iowa; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	
A012901	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01290100	74.62	ETH009A01290101	73.48	9/24/2019	None	Ethanol	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A012902	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01290200	67.54	ETH009A01290201	66.73	9/24/2019	None	Ethanol	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A013001	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01300100	74.35	ETH009A01300101	72.10	9/24/2019	None	Ethanol	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A049101	Tier 1	3.0	Fuel Producer: REG Grays Harbor, LLC (6326); Facility Name: REG Grays Harbor, LLC (82954); North American Sourced Canola Oil transported by truck, rail, and ocean tanker to Biodiesel plant in Hoquiam, WA; Natural Gas and Grid Electricity; Biodiesel transported by truck and rail to California	Washington	Canola Oil (006)	Biodiesel (BIO)	BDCA204	52.87	BIO006A04910100	49.00	2/13/2023	None	Biodiesel	REG Grays Harbor, LLC (6326)	REG Grays Harbor, LLC (82954)	North American Sourced Canola Oil transported by truck, rail, and ocean tanker to Biodiesel plant in Hoquiam, WA; Natural Gas and Grid Electricity; Biodiesel transported by truck and rail to California	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A049102	Tier 1	3.0	Fuel Producer: REG Grays Harbor, LLC (6326); Facility Name: REG Grays Harbor, LLC (62954); North American Sourced Soybean Oil transported by rail to Biodiesel plant in Hoquiam, WA; Natural Gas and Grid Electricity; Biodiesel transported by truck and rail to California	Washington	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A04910200	55.00	2/13/2023	None	Biodiesel	REG Grays Harbor, LLC (6326)	REG Grays Harbor, LLC (62954)	North American Sourced Soybean Oil transported by rail to Biodiesel plant in Hoquiam, WA; Natural Gas and Grid Electricity; Biodiesel transported by truck and rail to California	None	
A049501	Tier 1	3.0	Fuel Producer: RING-NECK ENERGY & FEED, LLC (6274); Facility Name: RING-NECK ENERGY & FEED, LLC (70361); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	None	None	ETH009A04950100	73.15	2/14/2023	None	Ethanol	RING-NECK ENERGY & FEED, LLC (6274)	RING-NECK ENERGY & FEED, LLC (70361)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	
A049502	Tier 1	3.0	Fuel Producer: RING-NECK ENERGY & FEED, LLC (6274); Facility Name: RING-NECK ENERGY & FEED, LLC (70361); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	None	None	ETH009A04950200	65.12	2/14/2023	None	Ethanol	RING-NECK ENERGY & FEED, LLC (6274)	RING-NECK ENERGY & FEED, LLC (70361)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	
A049503	Tier 1	3.0	Fuel Producer: RING-NECK ENERGY & FEED, LLC (6274); Facility Name: RING-NECK ENERGY & FEED, LLC (70361); Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04950300	26.69	2/14/2023	None	Ethanol - Cellulosic	RING-NECK ENERGY & FEED, LLC (6274)	RING-NECK ENERGY & FEED, LLC (70361)	Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	
A049505	Tier 1	3.0	Fuel Producer: RING-NECK ENERGY & FEED, LLC (6274); Facility Name: RING-NECK ENERGY & FEED, LLC (70361); Midwest Grain Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A04950500	77.07	2/14/2023	None	Ethanol	RING-NECK ENERGY & FEED, LLC (6274)	RING-NECK ENERGY & FEED, LLC (70361)	Midwest Grain Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	
A049506	Tier 1	3.0	Fuel Producer: RING-NECK ENERGY & FEED, LLC (6274); Facility Name: RING-NECK ENERGY & FEED, LLC (70361); Midwest Grain Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A04950600	69.04	2/14/2023	None	Ethanol	RING-NECK ENERGY & FEED, LLC (6274)	RING-NECK ENERGY & FEED, LLC (70361)	Midwest Grain Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	None	
A050601	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch LLC and pipelined to Topock Arizona for liquefaction to LNG; trucked to California LNG stations	Louisiana	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A05060100	59.61	2/17/2023	None	Bio-LNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, LA; upgrading at River Birch LLC and pipelined to Topock Arizona for liquefaction to LNG; trucked to California LNG stations	None	
A050602	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, LA; upgrading at River Birch LLC and pipelined to Topock Arizona for liquefaction to LNG; trucked to California, regasified, and compressed to L-CNG	Louisiana	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A05060200	62.70	2/17/2023	None	Bio-LNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, LA; upgrading at River Birch LLC and pipelined to Topock Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	None	
A050702	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energie Inc in Quebec, Canada and pipelined to Topock Arizona for liquefaction to LNG; trucked to California LNG stations	Canada	Landfill Gas (025)	Liquefied Natural Gas (LNG)	None	None	LNG025A05070200	51.26	2/24/2023	None	Bio-LNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energie Inc in Quebec, Canada and pipelined to Topock Arizona for liquefaction to LNG; trucked to California LNG stations	None	
A050703	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energie Inc in Quebec, Canada and pipelined to Topock Arizona for liquefaction to LNG; trucked to California, regasified, and compressed to L-CNG	Canada	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN025A05070300	54.35	2/24/2023	None	Bio-LNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energie Inc in Quebec, Canada and pipelined to Topock Arizona for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	None	
A027201	Tier 1	3.0	Fuel Producer: Husker Ag LLC (5078); Facility Name: Husker Ag LLC (70151); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI.	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A02720100	65.63	ETH009A02720101	65.00	10/21/2020	None	Ethanol	Husker Ag LLC (5078)	Husker Ag LLC (70151)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI.	2021 AFPR Recert Complete	
B001801	Tier 2	3.0	Fuel Producer: BP Products North America, Inc (4320); Facility Name: Cherry Point Refinery (83736); U.S. and Canadian sourced Rendered Animal Fat Oil transported by truck; Grid Electricity, Steam, and Hydrogen; Renewable Diesel produced from co-processing with petroleum feedstock in a hydrotreater in Blaine, Washington; transported by ocean tanker to CA	Washington	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00180100	26.92	RND002B00180102	35.02	12/6/2019	None	Renewable Diesel	BP Products North America, Inc (4320)	Cherry Point Refinery (83736)	U.S. and Canadian sourced Rendered Animal Fat Oil transported by truck; Grid Electricity, Steam, and Hydrogen; Renewable Diesel produced from co-processing with petroleum feedstock in a hydrotreater in Blaine, Washington; transported by ocean tanker to CA	2021 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A010002	Tier 1	3.0	Fuel Producer: The Andersons, Inc (5872); Facility Name: The Andersons Denison Ethanol (70135); Midwest Corn, Dry Mill; Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01000200	67.48	ETH009A01000201	67.11	6/7/2019	None	Ethanol	The Andersons, Inc (5872)	The Andersons Denison Ethanol (70135)	Midwest Corn, Dry Mill; Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	2021 AFPR Recert Complete	Retired
A011501	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Ameresco San Antonio Biogas (71204); Biomethane generated at the SAW'S Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; Delivered via pipeline to California; Dispensed as CNG fuel	Texas	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A01150100	37.33	CNG030A01150101	36.77	12/19/2019	None	Bio-CNG	Anew RNG, LLC (5877)	Ameresco San Antonio Biogas (71204)	Biomethane generated at the SAW'S Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; Delivered via pipeline to California; Dispensed as CNG fuel	2021 AFPR Recert Complete	Retired
A013002	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01300200	67.34	ETH009A01300201	65.09	9/24/2019	None	Ethanol	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A013901	Tier 1	3.0	Fuel Producer: Midwest Renewable Energy (5214); Facility Name: Midwest Renewable Energy (70160); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sutherland, Nebraska; Ethanol transported by rail to California	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A01390100	62.81	ETH009A01390102	65.76	9/9/2019	None	Ethanol	Midwest Renewable Energy (5214)	Midwest Renewable Energy (70160)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sutherland, Nebraska; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A014501	Tier 1	3.0	Fuel Producer: Redfield Energy, LLC (4061); Facility Name: Redfield Energy, LLC (70111); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Redfield, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A01450100	69.60	ETH009A01450102	68.61	8/6/2019	None	Ethanol	Redfield Energy, LLC (4061)	Redfield Energy, LLC (70111)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Redfield, South Dakota; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A014601	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California	Michigan	Corn (009)	Ethanol (ETH)	ETH009A01460100	72.59	ETH009A01460101	72.29	9/24/2019	None	Ethanol	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California	2021 AFPR Recert Complete	Retired
A014602	Tier 1	3.0	Fuel Producer: Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California	Michigan	Corn (009)	Ethanol (ETH)	ETH009A01460200	67.10	ETH009A01460201	66.61	9/24/2019	None	Ethanol	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California	2021 AFPR Recert Complete	Retired
A015001	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01500100	74.83	ETH009A01500101	74.03	10/3/2019	None	Ethanol	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A015002	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01500200	68.05	ETH009A01500201	67.28	10/14/2019	None	Ethanol	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A015101	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064); Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN then transported by rail to California	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01510100	74.44	ETH009A01510101	73.56	10/3/2019	None	Ethanol	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN then transported by rail to California	2021 AFPR Recert Complete	Retired
A015201	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01520100	74.15	ETH009A01520101	72.75	10/3/2019	None	Ethanol	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A015202	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01520200	67.32	ETH009A01520201	65.82	10/3/2019	None	Ethanol	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A015401	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline; Compression to CNG stations in California (Provisional)	Kentucky	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A01540100	54.66	CNG025A01540102	54.69	11/5/2019	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline; Compression to CNG stations in California (Provisional)	2021 AFPR Recert Complete	Retired
A015402	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California LNG stations (Provisional)	Kentucky	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A01540200	71.50	LNG025A01540202	72.09	11/5/2019	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California LNG stations (Provisional)	2021 AFPR Recert Complete	Retired
A015403	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California; Re-gasified and compressed to L-CNG (Provisional)	Kentucky	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A01540300	74.59	LCN025A01540302	75.18	11/5/2019	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California; Re-gasified and compressed to L-CNG (Provisional)	2021 AFPR Recert Complete	Retired
A015102	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064) ; Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN; Ethanol transported by rail to California	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01510200	67.72	ETH009A01510201	66.14	10/3/2019	None	Ethanol	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A015501	Tier 1	3.0	Fuel Producer: Absolute Energy, LLC (5049) ; Facility Name: Absolute Energy, LLC (70144); Midwest Corn, Dry Mill; Dry DGS, Modified DGS, and Corn Oil; Natural Gas and Grid Electricity; Starch Ethanol produced in St. Ansgar, Iowa; Ethanol transported by rail to California, Composite CI	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01550100	67.97	ETH009A01550101	67.61	9/24/2019	None	Ethanol	Absolute Energy, LLC (5049)	Absolute Energy, LLC (70144)	Midwest Corn, Dry Mill; Dry DGS, Modified DGS, and Corn Oil; Natural Gas and Grid Electricity; Starch Ethanol produced in St. Ansgar, Iowa; Ethanol transported by rail to California, Composite CI	2021 AFPR Recert Complete	
A016401	Tier 1	3.0	Fuel Producer: BUSHMILLS ETHANOL, INC. (4063); Facility Name: BUSHMILLS ETHANOL, INC. (70109); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil, and Syrup; Natural Gas, Grid and CHP-produced Electricity; Starch Ethanol produced in Atwater, MN; Ethanol transported by truck and rail to California, Composite CI.		Corn (009)	Ethanol (ETH)	ETH009A01640100	67.23	ETH009A01640101	66.71	10/15/2019	None	Ethanol	BUSHMILLS ETHANOL, INC. (4063)	BUSHMILLS ETHANOL, INC. (70109)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn oil, and Syrup; Natural Gas, Grid and CHP-produced Electricity; Starch Ethanol produced in Atwater, MN; Ethanol transported by truck and rail to California, Composite CI.	2021 AFPR Recert Complete	
B004701	Tier 2	3.0	Fuel Producer: Wyoming Renewable Diesel Company LLC (1440); Facility Name: Wyoming Renewable Diesel Company LLC (82441); Renewable Diesel produced from US soybean oil; Fuel produced in Wyoming and transported to California	Wyoming	Soybean Oil (005)	Renewable Diesel (RND)	RND005B00470100	58.34	RND005B00470102	57.20	12/27/2019	None	Renewable Diesel	Wyoming Renewable Diesel Company LLC (1440)	Wyoming Renewable Diesel Company LLC (82441)	Renewable Diesel produced from US soybean oil; Fuel produced in Wyoming and transported to California	2021 AFPR Recert Complete	
A019501	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: GSF Energy, LLC – McCarty Road LFG Recovery Facility (F00060); Landfill Gas generated at the McCarty Road Landfill; upgraded to pipeline-quality biomethane in Houston, Texas; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A01950100	43.37	CNG025A01950101	44.78	12/31/2019	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	GSF Energy, LLC – McCarty Road LFG Recovery Facility (F00060)	Landfill Gas generated at the McCarty Road Landfill; upgraded to pipeline-quality biomethane in Houston, Texas; Delivered via pipeline to California; Dispensed as CNG fuel (Provisional)	2021 AFPR Recert Complete	Retired
B005901	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194) ; Facility Name: ABEC Bidart-Old River LLC (F00113); Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	California	Dairy Manure (026)	Electricity (ELC)	ELC026B00590101	-562.50	ELC026B00590102	-568.21	3/25/2021	None	Electricity	California Bioenergy LLC (B194)	ABEC Bidart-Old River LLC (F00113)	Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	2021 AFPR Recert Complete	Retired
B006001	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Fair Oaks Upgrader, LLC (71001); Renewable Natural Gas (RNG) sourced from Dairy Manure of Fair Oak Farms and upgraded to RNG at Generate Fair Oaks Upgrader in Fair Oaks, Indiana; RNG pipelined to California	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00600100	-255.74	CNG026B00600102	-237.77	2/24/2020	None	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Fair Oaks Upgrader, LLC (71001)	Renewable Natural Gas (RNG) sourced from Dairy Manure of Fair Oak Farms and upgraded to RNG at Generate Fair Oaks Upgrader in Fair Oaks, Indiana; RNG pipelined to California	2021 AFPR Recert Complete	
A020901	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02090100	73.74	ETH009A02090102	72.71	6/24/2020	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	2021 AFPR Recert Complete	
A020902	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02090200	70.47	ETH009A02090201	67.82	6/24/2020	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	2021 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A020903	Tier 1	3.0	Fuel Producer: Dakota Ethanol, LLC (4810); Facility Name: Dakota Ethanol, LLC (70083); Midwest Corn, Dry Mill; Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02090300	66.86	ETH009A02090301	64.08	6/24/2020	None	Ethanol	Dakota Ethanol, LLC (4810)	Dakota Ethanol, LLC (70083)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Wentworth, South Dakota; Ethanol transported by rail to California	2021 AFPR Recert Complete	
B007201	Tier 2	3.0	Fuel Producer: IOGEN D3 BIOFUEL PARTNERS II LLC (7180); Facility Name: WOF PNW Threemile Project (F00100); Renewable Natural Gas (RNG) from Dairy Manure at Columbia River Dairy and Six Mile Farms, upgraded in Boardman, Oregon; RNG pipelined to California for transportation use	Oregon	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00720100	-188.78	CNG026B00720102	-171.65	9/30/2020	None	Bio-CNG	IOGEN D3 BIOFUEL PARTNERS II LLC (7180)	WOF PNW Threemile Project (F00100)	Renewable Natural Gas (RNG) from Dairy Manure at Columbia River Dairy and Six Mile Farms, upgraded in Boardman, Oregon; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
A021202	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO ; Ethanol transported by rail to California	Missouri	Corn (009)	Ethanol (ETH)	ETH009A02120200	65.67	ETH009A02120201	64.95	4/28/2020	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO ; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A021301	Tier 1	3.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727); Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill; Dry DGS, Modified, and Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity, Biomethane, and Biomass; Starch Ethanol produced in Chancellor, SD; Ethanol transported by rail to California, Composite CI	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02130100	61.55	ETH009A02130101	61.55	6/22/2020	None	Ethanol	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill; Dry DGS, Modified, and Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity, Biomethane, and Biomass; Starch Ethanol produced in Chancellor, SD; Ethanol transported by rail to California, Composite CI	2021 AFPR Recert Complete	Retired
A021701	Tier 1	3.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169); Facility Name: Hankinson Renewable Energy, LLC (70288); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California.	North Dakota	Corn (009)	Ethanol (ETH)	ETH009A02170100	69.84	ETH009A02170101	68.72	7/27/2020	None	Ethanol	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California.	2021 AFPR Recert Complete	
A021702	Tier 1	3.0	Fuel Producer: Hankinson Renewable Energy, LLC (6169); Facility Name: Hankinson Renewable Energy, LLC (70288); Midwest Corn, Dry Mill; Modified DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California.	North Dakota	Corn (009)	Ethanol (ETH)	ETH009A02170200	66.96	ETH009A02170201	65.89	7/27/2020	None	Ethanol	Hankinson Renewable Energy, LLC (6169)	Hankinson Renewable Energy, LLC (70288)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Hankinson, North Dakota; Ethanol transported by rail to California.	2021 AFPR Recert Complete	
A021901	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgrading at EBI Energy Inc in Quebec, Canada; pipelined to California for compression to CNG	Canada	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02190100	38.64	CNG025A02190101	31.80	6/22/2020	None	Bio-CNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgrading at EBI Energie Inc in Quebec, Canada; pipelined to California for compression to CNG	2021 AFPR Recert Complete	
A021902	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada and pipelined to Boron California for liquefaction to LNG; trucked to California LNG stations by pipeline, liquefied in California	Canada	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02190200	51.69	LNG025A02190201	45.63	6/22/2020	None	Bio-LNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada and pipelined to Boron California for liquefaction to LNG; trucked to California LNG stations by pipeline, liquefied in California	2021 AFPR Recert Complete	
A021903	Tier 1	3.0	Fuel Producer: EBI ENERGIE INC. (6459); Facility Name: SAINT-THOMAS BIOMETHANE PLANT (71254); Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada; pipelined to Boron California for liquefaction to LNG; trucked to California, regasified, and compressed to L-CNG	Canada	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02190300	54.77	LCN025A02190301	48.72	6/22/2020	None	Bio-LNG	EBI ENERGIE INC. (6459)	SAINT-THOMAS BIOMETHANE PLANT (71254)	Biomethane from Landfill in Saint-Thomas, Quebec; upgraded at EBI Energy in Quebec, Canada; pipelined to Boron California for liquefaction to LNG; trucked to California, regasified, and compressed to L-CNG	2021 AFPR Recert Complete	
A022401	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02240100	69.32	ETH009A02240102	73.00	6/24/2020	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A022402	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Modified DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02240200	66.23	ETH009A02240202	68.00	6/24/2020	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
B010901	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Maple Leaf/Grotegut RNG Facility (F00167); Renewable Natural Gas (RNG) produced from Maple Leaf Dairy East and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01090100	-453.10	CNG026B01090102	-288.39	9/30/2020	None	Bio-CNG	Clean Energy (5481)	Maple Leaf/Grotegut RNG Facility (F00167)	Renewable Natural Gas (RNG) produced from Maple Leaf Dairy East and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B010902	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Maple Leaf/Grotegut RNG Facility (F00167); Renewable Natural Gas (RNG) produced from Maple Leaf Dairy West and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01090200	-308.48	CNG026B01090202	-278.19	9/30/2020	None	Bio-CNG	Clean Energy (5481)	Maple Leaf/Grotegut RNG Facility (F00167)	Renewable Natural Gas (RNG) produced from Maple Leaf Dairy West and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B010903	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Maple Leaf/Grotegut RNG Facility (F00167); Renewable Natural Gas (RNG) produced from Grotegut Dairy Farm and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01090300	-236.96	CNG026B01090302	-247.83	9/30/2020	None	Bio-CNG	Clean Energy (5481)	Maple Leaf/Grotegut RNG Facility (F00167)	Renewable Natural Gas (RNG) produced from Grotegut Dairy Farm and upgraded at Calumet – Maple Leaf/Grotegut RNG Facility, Newton, Wisconsin; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B009601	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Calumet - Dairy Dreams (F00127); Renewable Natural Gas (RNG) produced from Dairy Manure at Dairy Dreams Farm and upgraded at Calumet - Dairy Dreams in Casco, Wisconsin; RNG pipelined to California for transportation use	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00960100	-532.74	CNG026B00960102	-372.40	9/30/2020	None	Bio-CNG	Clean Energy (5481)	Calumet - Dairy Dreams (F00127)	Renewable Natural Gas (RNG) produced from Dairy Manure at Dairy Dreams Farm and upgraded at Calumet - Dairy Dreams in Casco, Wisconsin; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B009701	Tier 2	3.0	Fuel Producer: Clean Energy (5481); Facility Name: Calumet - Ponderosa (F00128); Renewable Natural Gas (RNG) produced from Dairy Manure of Pagel's Ponderosa Dairy Farm and upgraded at Calumet-Ponderosa, Kewaunee, Wisconsin; RNG pipelined to California for transportation use	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00970100	-372.20	CNG026B00970101	-445.37	9/30/2020	None	Bio-CNG	Clean Energy (5481)	Calumet - Ponderosa (F00128)	Renewable Natural Gas (RNG) produced from Dairy Manure of Pagel's Ponderosa Dairy Farm and upgraded at Calumet-Ponderosa, Kewaunee, Wisconsin; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B010202	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Exum Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01020200	-289.76	CNG026B01020201	-392.30	12/3/2020	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Exum Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B010203	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Etter Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01020300	-308.74	CNG026B01020301	-399.36	12/3/2020	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Etter Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
A023301	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill in Lawrence, KS; upgrading at Renewable Power Producers, LLC; pipelined to California for compression to CNG (Provisional)	Kansas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02330100	45.91	CNG025A02330102	47.10	7/24/2020	None	Bio-CNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill in Lawrence, KS; upgrading at Renewable Power Producers, LLC; pipelined to California for compression to CNG (Provisional)	2021 AFPR Recert Complete	Retired
B010801	Tier 2	3.0	Fuel Producer: AgPower Jerome, LLC (C1036); Facility Name: AgPower Jerome RNG Project (F00077); Renewable Natural Gas (RNG) produced from Dairy Manure at Double A Dairy and Double A Dairy #6 and upgraded at AgPower Jerome RNG in Jerome, Idaho; RNG pipelined to California for transportation use	Idaho	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01080100	-230.13	CNG026B01080101	-240.91	9/30/2020	None	Bio-CNG	AgPower Jerome, LLC (C1036)	AgPower Jerome RNG Project (F00077)	Renewable Natural Gas (RNG) produced from Dairy Manure at Double A Dairy and Double A Dairy #6 and upgraded at AgPower Jerome RNG in Jerome, Idaho; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
A026501	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: HUB CITY ENERGY LLC (70721); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Aberdeen, South Dakota; Ethanol transported by rail to California; Composite CI	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02650100	73.16	ETH009A02650101	71.88	10/9/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	HUB CITY ENERGY LLC (70721)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Aberdeen, South Dakota; Ethanol transported by rail to California; Composite CI	2021 AFPR Recert Complete	
A024501	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02450100	69.92	ETH009A02450103	73.16	12/4/2020	None	Ethanol	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A024502	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02450200	62.54	ETH009A02450203	64.79	12/4/2020	None	Ethanol	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A024201	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to California for compression to CNG	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02420100	47.53	CNG025A02420102	57.00	10/29/2020	None	Bio-CNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to California for compression to CNG	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024601	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	Ohio	Corn (009)	Ethanol (ETH)	ETH009A02460100	77.21	ETH009A02460101	76.22	12/29/2020	None	Ethanol	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A024602	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	Ohio	Corn (009)	Ethanol (ETH)	ETH009A02460200	69.47	ETH009A02460201	68.53	12/29/2020	None	Ethanol	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A024701	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896); Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill at 5011 Lilley Rd. Canton, MI 48188 upgrading at Canton Renewables, LLC, pipelined to California for compression to CNG	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02470100	49.78	CNG025A02470102	48.20	10/13/2020	None	Bio-CNG	CANTON RENEWABLES, LLC (5896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill at 5011 Lilley Rd. Canton, MI 48188 upgrading at Canton Renewables, LLC, pipelined to California for compression to CNG	2021 AFPR Recert Complete	Retired
A024901	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Huron Energy, LLC (70722); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02490100	74.54	ETH009A02490102	76.29	7/24/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	Huron Energy, LLC (70722)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI	2021 AFPR Recert Complete	Retired
A024902	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Huron Energy, LLC (70722); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02490200	67.28	ETH009A02490201	68.82	7/24/2020	None	Ethanol	Glacial Lakes Corn Processors (4764)	Huron Energy, LLC (70722)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI	2021 AFPR Recert Complete	Retired
A026701	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Johnstown Regional Energy - Raeger (71131); Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to California for compression to CNG	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02670100	35.51	CNG025A02670102	35.69	3/18/2021	None	Bio-CNG	Anew RNG, LLC (5877)	Johnstown Regional Energy - Raeger (71131)	Biomethane from Johnstown Regional Energy - Raeger Landfill in Johnstown, Pennsylvania, pipelined to California for compression to CNG	2021 AFPR Recert Complete	
A026403	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Johnstown Regional Energy - Southern Alleghenies (71133); Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to California for compression to CNG	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02640300	60.28	CNG025A02640302	58.15	3/17/2021	None	Bio-CNG	Anew RNG, LLC (5877)	Johnstown Regional Energy - Southern Alleghenies (71133)	Biomethane from Johnstown Regional Energy - Southern Alleghenies Landfill in Davidsville, Pennsylvania, pipelined to California for compression to CNG	2021 AFPR Recert Complete	
A027401	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Renovar Arlington, LTD RNG Project (70501); Digester Gas generated at the Village Creek Water Reclamation Facility, Euless, Texas; upgraded to pipeline-quality biomethane in Texas; delivered via pipeline to CNG stations in California (Provisional)	Texas	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A02740100	38.37	CNG030A02740102	41.71	3/1/2021	None	Bio-CNG	U.S. Venture, Inc. (5504)	Renovar Arlington, LTD RNG Project (70501)	Digester Gas generated at the Village Creek Water Reclamation Facility, Euless, Texas; upgraded to pipeline-quality biomethane in Texas; delivered via pipeline to CNG stations in California (Provisional)	2021 AFPR Recert Complete	Retired
B012701	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at K&M Visser and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01270100	-417.35	CNG026B01270102	-419.62	12/31/2020	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at K&M Visser and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B012702	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at Riverview Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01270200	-417.27	CNG026B01270201	-420.14	12/31/2020	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at Riverview Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B012703	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at Little Rock and Blue Moon Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01270300	-418.90	CNG026B01270302	-420.70	12/31/2020	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at Little Rock and Blue Moon Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
B012704	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure at 4K Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01270400	-392.44	CNG026B01270401	-410.41	12/31/2020	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure at 4K Dairy and upgraded at Calgren Dairy Fuels in Pixley, California; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029501	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); Rendered Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	California	oking Oil/Waste Oil (UC)	Biodiesel (BIO)	BIO001A02950100	21.93	BIO001A02950101	22.03	4/1/2021	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Rendered Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	2021 AFPR Recert Complete	Retired
A029502	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); Raw Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California for on-site rendering; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	California	oking Oil/Waste Oil (UC)	Biodiesel (BIO)	BIO001A02950200	16.98	BIO001A02950201	16.71	4/1/2021	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Raw Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California for on-site rendering; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	2021 AFPR Recert Complete	Retired
A029702	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Kansas	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02970200	61.43	LCN025A02970201	63.59	12/15/2020	None	Bio-CNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	2021 AFPR Recert Complete	Retired
A029801	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to California for compression to CNG (Provisional)	Washington	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02980100	28.24	CNG025A02980101	28.80	3/12/2021	None	Bio-CNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to California for compression to CNG (Provisional)	2021 AFPR Recert Complete	Retired
A029802	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	Washington	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02980200	41.09	LNG025A02980201	42.58	3/12/2021	None	Bio-LNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (Provisional)	2021 AFPR Recert Complete	Retired
A029803	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	Washington	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02980300	44.18	LCN025A02980301	45.67	3/12/2021	None	Bio-CNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	2021 AFPR Recert Complete	Retired
A030601	Tier 1	3.0	Fuel Producer: MONROEVILLE LFG, LLC (6317); Facility Name: MONROEVILLE LFG, LLC (71136); Biomethane from Monroeville Landfill in Monroeville, PA, upgrading at Monroeville LFG, LLC, pipelined to California for compression to CNG (Provisional)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03060100	41.93	CNG025A03060101	42.85	4/6/2021	None	Bio-CNG	MONROEVILLE LFG, LLC (6317)	MONROEVILLE LFG, LLC (71136)	Biomethane from Monroeville Landfill in Monroeville, PA, upgrading at Monroeville LFG, LLC, pipelined to California for compression to CNG (Provisional)	2021 AFPR Recert Complete	Retired
B014301	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Valley View Farm (70021S); Renewable Natural Gas (RNG) from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California locations	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B01430100	-429.05	CNG044B01430101	-432.11	6/29/2021	None	Bio-CNG	Anew RNG, LLC (5877)	Valley View Farm (70021S)	Renewable Natural Gas (RNG) from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California locations	2021 AFPR Recert Complete	Retired
A030902	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A03090200	71.95	ETH009A03090201	72.02	5/4/2021	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired
B014901	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: South Meadows Farm (F0019S); Renewable Natural Gas (RNG) from Swine Manure of South Meadows Farm, Browning, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B01490100	-359.66	CNG044B01490101	-319.70	6/29/2021	None	Bio-CNG	Anew RNG, LLC (5877)	South Meadows Farm (F0019S)	Renewable Natural Gas (RNG) from Swine Manure of South Meadows Farm, Browning, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California	2021 AFPR Recert Complete	
B016501	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Biogas from Dairy Manure at Exum Dairy in Stratford, Texas; Upgraded biomethane pipelined to California for transportation use	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01650100	-406.35	CNG026B01650101	-392.30	9/30/2021	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Biogas from Dairy Manure at Exum Dairy in Stratford, Texas; Upgraded biomethane pipelined to California for transportation use	2021 AFPR Recert Complete	
A033001	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03300100	73.75	ETH009A03300101	73.79	3/1/2021	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B016301	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Hilarides (F00006); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Hilarides Dairy in Lindsay, California for use as transportation fuel in California.	California	Dairy Manure (026)	Electricity (ELC)	ELC026B01630100	-758.46	ELC026B01630101	-756.24	6/21/2021	None	Electricity	CleanFuture, Inc. (C1001)	Hilarides (F00006)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Hilarides Dairy in Lindsay, California for use as transportation fuel in California.	2021 AFPR Recert Complete	
B017301	Tier 2	3.0	Fuel Producer: DF-AP #1, LLC (C1122); Facility Name: Big Sky Dairy Digester (F00329); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Big Sky Dairy in Gooding, Idaho for use as transportation fuel in California	Idaho	Dairy Manure (026)	Electricity (ELC)	ELC026B01730100	-545.71	ELC026B01730101	-548.10	9/22/2021	None	Electricity	DF-AP #1, LLC (C1122)	Big Sky Dairy Digester (F00329)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Big Sky Dairy in Gooding, Idaho for use as transportation fuel in California	2021 AFPR Recert Complete	Retired
B017402	Tier 2	3.0	Fuel Producer: POET Biorefining - Big Stone (4736); Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	South Dakota	Corn (009)	Ethanol (ETH)	ETH009B01740200	68.73	ETH009B01740201	69.33	9/24/2021	None	Ethanol	POET Biorefining - Big Stone (4736)	POET Biorefining - Big Stone (70025)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	2021 AFPR Recert Complete	
B017401	Tier 2	3.0	Fuel Producer: POET Biorefining - Big Stone (4736); Facility Name: POET Biorefining - Big Stone (70025); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	South Dakota	Corn (009)	Ethanol (ETH)	ETH009B01740100	75.91	ETH009B01740101	76.65	9/24/2021	None	Ethanol	POET Biorefining - Big Stone (4736)	POET Biorefining - Big Stone (70025)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Coal, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	2021 AFPR Recert Complete	
A034501	Tier 1	3.0	Fuel Producer: WESTSIDE GAS PRODUCERS, LLC (6218); Facility Name: WESTSIDE GAS PRODUCERS, LLC (71151); Biomethane from Westside Landfill at Three River, Michigan upgrading at Westside Gas Producers LLC, pipelined to California for compression to CNG.	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03450100	52.66	CNG025A03450101	53.05	6/16/2021	None	Bio-CNG	WESTSIDE GAS PRODUCERS, LLC (6218)	WESTSIDE GAS PRODUCERS, LLC (71151)	Biomethane from Westside Landfill at Three River, Michigan upgrading at Westside Gas Producers LLC, pipelined to California for compression to CNG.	2021 AFPR Recert Complete	Retired
A035101	Tier 1	3.0	Fuel Producer: E Energy Adams, LLC (4831); Facility Name: E energy Adams, LLC (70093); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Adams, Nebraska; Ethanol transported by rail to California , Composite CI. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03510100	65.93	ETH009A03510101	67.49	6/1/2021	None	Ethanol	E Energy Adams, LLC (4831)	E energy Adams, LLC (70093)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Adams, Nebraska; Ethanol transported by rail to California , Composite CI. (Provisional)	2021 AFPR Recert Complete	Retired
A036703	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG (Provisional)	Tennessee	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A03670300	65.26	LCN025A03670301	66.26	5/11/2021	None	Bio-CNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG (Provisional)	2021 AFPR Recert Complete	Retired
A036702	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California LNG stations (Provisional)	Tennessee	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A03670200	62.18	LNG025A03670201	63.18	5/11/2021	None	Bio-LNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California LNG stations (Provisional)	2021 AFPR Recert Complete	Retired
A037501	Tier 1	3.0	Fuel Producer: BLUE SOURCE LLC (6086); Facility Name: Seabreeze Energy Producers (70281); Biomethane from Landfill in Angleton, Texas upgrading at Seabreeze Energy Producers, pipelined to California for compression to CNG (Provisional)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03750100	37.82	CNG025A03750101	38.37	8/20/2021	None	Bio-CNG	BLUE SOURCE LLC (6086)	Seabreeze Energy Producers (70281)	Biomethane from Landfill in Angleton, Texas upgrading at Seabreeze Energy Producers, pipelined to California for compression to CNG (Provisional)	2021 AFPR Recert Complete	Retired
B019101	Tier 2	3.0	Fuel Producer: California Renewable Power LLC(C196); Facility Name: California Renewable Power and Organics Recycling and Anaerobic Digestion Facility (71270); Renewable Natural Gas (RNG) produced from mixed Urban Landscaping Waste and Food Scraps and upgraded at California Renewable Power and Organics Recycling and Anaerobic Digestion Facility in Perris, California; RNG used in CNG vehicles.	California	in Landscaping Waste	Compressed Natural Gas (CNG)	CNG028B01910100	2.51	CNG028B01910101	72.26	6/29/2021	None	Bio-CNG	California Renewable Power LLC(C196)	California Renewable Power and Organics Recycling and Anaerobic Digestion Facility (71270)	Renewable Natural Gas (RNG) produced from mixed Urban Landscaping Waste and Food Scraps and upgraded at California Renewable Power and Organics Recycling and Anaerobic Digestion Facility in Perris, California; RNG used in CNG vehicles.	2021 AFPR Recert Complete	
B021901	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: HOMAN FARM (71343); RNG produced from swine manure of Homan Farm and upgraded at Homan Farm Upgrading, King City, MO; RNG pipelined to California for transportation use	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02190100	-412.71	CNG044B02190101	-359.22	9/30/2021	None	Bio-CNG	Anew RNG, LLC (5877)	HOMAN FARM (71343)	RNG produced from swine manure of Homan Farm and upgraded at Homan Farm Upgrading, King City, MO; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	Retired
A008801	Tier 1	3.0	Fuel Producer: Yuma Ethanol, LLC (4735) ; Facility Name: Yuma Ethanol, LLC (70024); Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural Gas and grid electricity; Corn starch Ethanol produced in Yuma, Colorado; Ethanol transported by rail to California	Colorado	Corn (009)	Ethanol (ETH)	ETH009A00880100	64.61	ETH009A00880101	64.00	5/17/2019	None	Ethanol	Yuma Ethanol, LLC (4735)	Yuma Ethanol, LLC (70024)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural Gas and grid electricity; Corn starch Ethanol produced in Yuma, Colorado; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A019801	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minden, Nebraska and transported by rail to California, Composite CI	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A01980100	61.26	ETH009A01980103	62.37	6/24/2020	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minden, Nebraska and transported by rail to California, Composite CI	2021 AFPR Recert Complete	Retired
A021302	Tier 1	3.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727); Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity, Biomethane, Biomass; Fiber Ethanol produced in Chancellor, South Dakota; Ethanol transported by rail to California	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A02130200	21.31	ETH012A02130203	21.93	6/22/2020	None	Ethanol - Cellulosic	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity, Biomethane, Biomass; Fiber Ethanol produced in Chancellor, South Dakota; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
B007901	Tier 2	3.0	Fuel Producer: Kern Oil & Refining Co. (5038); Facility Name: Kern Oil & Refining Co. (80105); Rendered animal fat sourced from California and transported by truck; Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00790100	30.48	RND002B00790103	34.32	9/30/2020	Application Package	Renewable Diesel	Kern Oil & Refining Co. (5038)	Kern Oil & Refining Co. (80105)	Rendered animal fat sourced from California and transported by truck; Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution	2021 AFPR Recert Complete	
B007902	Tier 2	3.0	Fuel Producer: Kern Oil & Refining Co. (5038); Facility Name: Kern Oil & Refining Co. (80105); Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B00790200	41.85	RND002B00790203	43.24	9/30/2020	Application Package	Renewable Diesel	Kern Oil & Refining Co. (5038)	Kern Oil & Refining Co. (80105)	Renewable diesel produced from co-processing animal fat with fossil feedstock in a kerosene hydrotreater in Bakersfield, California and transported by truck for distribution	2021 AFPR Recert Complete	
B010201	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Greengasco, LLC (F00154); Renewable Natural Gas (RNG) produced from Dairy Manure at Westside Dairy and Eastside Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use	Texas	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01020101	-408.62	CNG026B01020106	-403.57	12/3/2020	Application Package	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Greengasco, LLC (F00154)	Renewable Natural Gas (RNG) produced from Dairy Manure at Westside Dairy and Eastside Dairy and upgraded at GreenGasco in Stratford, Texas; RNG pipelined to California for transportation use	2021 AFPR Recert Complete	
A025901	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A02590100	36.62	BIO003A02590102	37.49	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A025902	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Soybean Oil; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	Soybean Oil (005)	Biodiesel (BIO)	BIO003A02590100	36.62	BIO005A02590202	66.85	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Soybean Oil; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A025903	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (80316); U.S sourced Rendered Tallow; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	Tennessee	(animal and poultry fat)	Biodiesel (BIO)	BIO003A02590100	36.62	BIO002A02590302	42.58	11/6/2020	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (80316)	U.S sourced Rendered Tallow; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A029002	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Soybean Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	Illinois	Soybean Oil (005)	Biodiesel (BIO)	BIO005A02900200	57.00	BIO005A02900201	58.00	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Soybean Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	2021 AFPR Recert Complete	Retired
A029003	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Canola Oil transported by rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	Illinois	Canola Oil (006)	Biodiesel (BIO)	BIO006A02900300	53.00	BIO006A02900301	54.50	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Canola Oil transported by rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	2021 AFPR Recert Complete	
A029006	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S sourced Used Cooking Oil, transported locally by truck to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	Illinois	ooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	BIO001A02900600	20.25	BIO001A02900601	22.00	6/8/2021	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S sourced Used Cooking Oil, transported locally by truck to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	2021 AFPR Recert Complete	Retired
A030401	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Point Loma Digester Gas Project (F00027); Point Loma WWTTP digester gas, upgraded to pipeline quality utilizing mainly only onsite produced power from biogas powered engines, injected into the pipeline and dispensed in California. (Provisional)	California	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A03040100	30.31	CNG030A03040102	38.91	6/14/2021	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Point Loma Digester Gas Project (F00027)	Point Loma WWTTP digester gas, upgraded to pipeline quality utilizing mainly only onsite produced power from biogas powered engines, injected into the pipeline and dispensed in California. (Provisional)	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B018502	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #9 LLC dba Moonlight Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01850200	-388.91	CNG026B01850201	-366.51	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #9 LLC dba Moonlight Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (Provisional)	2021 AFPR Recert Complete	Retired
B018701	Tier 2	3.0	Fuel Producer: Dry Creek RNG LLC (C1098); Facility Name: Dry Creek RNG Project (F00342); Biogas from Dairy Manure at Dry Creek Dairy and Southside Dairy in Hansen, Idaho; Upgraded biomethane pipelined to California for transportation use (Provisional)	Idaho	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01870100	-435.22	CNG026B01870101	-421.53		Application Package	Bio-CNG	Dry Creek RNG LLC (C1098)	Dry Creek RNG Project (F00342)	Biogas from Dairy Manure at Dry Creek Dairy and Southside Dairy in Hansen, Idaho; Upgraded biomethane pipelined to California for transportation use (Provisional)	2021 AFPR Recert Complete	Retired
B019801	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABEC# 5 LLC dba Trilogy Dairy Biogas in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (Provisional)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01980100	-388.29	CNG026B01980101	-294.40	9/30/2021	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABEC# 5 LLC dba Trilogy Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (Provisional)	2021 AFPR Recert Complete	Retired
A039401	Tier 1	3.0	Fuel Producer: America Agri Products/Wheatland, LLC (5095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill; Wet DGS, Syrup, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California.	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03940100	66.71	ETH009A03940101	66.77	10/14/2021	None	Ethanol	America Agri Products/Wheatland, LLC (6095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill; Wet DGS, Syrup, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California.	2021 AFPR Recert Complete	Retired
B020702	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Dane Renewable Energy, LLC (F00235); Renewable Natural Gas (RNG) from Dairy Manure from the Statz B Farm; RNG pipelined to multiple California fueling stations (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02070200	-211.01	CNG026B02070201	-193.95	12/29/2021	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	Dane Renewable Energy, LLC (F00235)	Renewable Natural Gas (RNG) from Dairy Manure from the Statz B Farm; RNG pipelined to multiple California fueling stations (Provisional)	2021 AFPR Recert Complete	Retired
B020701	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Dane Renewable Energy, LLC (F00235); Renewable Natural Gas (RNG) from Dairy Manure from the Statz Home Farm and (5) satellite farms in Sun Prairie, WI; RNG pipelined to multiple California fueling stations (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02070100	-135.37	CNG026B02070101	-132.51	12/29/2021	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	Dane Renewable Energy, LLC (F00235)	Renewable Natural Gas (RNG) from Dairy Manure from the Statz Home Farm and (5) satellite farms in Sun Prairie, WI; RNG pipelined to multiple California fueling stations (Provisional)	2021 AFPR Recert Complete	Retired
A040201	Tier 1	3.0	Fuel Producer: Siouxland Ethanol, LLC (5026); Facility Name: Siouxland Ethanol (70134); Midwest Corn, Dry Mill; Dry DGS and MDGS, Corn oil; Natural Gas, Landfill Gas, Combined-Heat and Power and Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A04020100	63.73	ETH009A04020101	63.80	10/11/2021	None	Ethanol	Siouxland Ethanol, LLC (5026)	Siouxland Ethanol (70134)	Midwest Corn, Dry Mill; Dry DGS and MDGS, Corn oil; Natural Gas, Landfill Gas, Combined-Heat and Power and Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California, Composite CI. (Provisional)	2021 AFPR Recert Complete	
B021601	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02160100	-382.83	CNG026B02160101	-333.34	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	2021 AFPR Recert Complete	Retired
B021603	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as L-CNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	LCN026B02160300	-366.02	LCN026B02160301	-315.22	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as L-CNG (Provisional)	2021 AFPR Recert Complete	Retired
B021602	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as LNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	LNG026B02160200	-369.56	LNG026B02160201	-318.76	3/30/2022	Application Package	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as LNG (Provisional)	2021 AFPR Recert Complete	Retired
B021702	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for final use (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	LNG026B02170200	-290.16	LNG026B02170201	-259.30	3/30/2022	Application Package	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for final use (Provisional)	2021 AFPR Recert Complete	Retired
B021703	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for use as L-CNG (Provisional)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	LCN026B02170300	-286.62	LCN026B02170301	-255.76	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for use as L-CNG (Provisional)	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B021701	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC in Grand Marsh, WI, LLC; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02170100	-303.92	CNG026B02170101	-274.25	3/30/2022	Application Package	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC in Grand Marsh, WI, LLC; RNG is trucked to pipeline injection and pipelined to California for transportation use (Provisional)	2021 AFPR Recert Complete	Retired
B022001	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: SOMERSET FARM (71381); Biogas from Swine Manure at Somerset Farm in Powersville, MO; upgraded biomethane pipelined to California for transportation use (Provisional)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02200101	-410.57	CNG044B02200102	-370.44	12/31/2021	Application Package	Bio-CNG	Anew RNG, LLC (5877)	SOMERSET FARM (71381)	Biogas from Swine Manure at Somerset Farm in Powersville, MO; upgraded biomethane pipelined to California for transportation use (Provisional)	2021 AFPR Recert Complete	Retired
A041601	Tier 1	3.0	Fuel Producer: TRUSTAR ENERGY LLC (6523); Facility Name: Greentree Landfill Gas Company (F00212); Biomethane from Greentree Landfill in Kersey, Pennsylvania; pipelined to California for compression to CNG. (Provisional)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A04160100	66.18	CNG025A04160101	71.21	11/23/2021	None	Bio-CNG	TRUSTAR ENERGY LLC (6523)	Greentree Landfill Gas Company (F00212)	Biomethane from Greentree Landfill in Kersey, Pennsylvania; pipelined to California for compression to CNG. (Provisional)	2021 AFPR Recert Complete	Retired
A042301	Tier 1	3.0	Fuel Producer: Homeland Energy Solutions LLC (3220); Facility Name: Homeland Energy Solutions LLC (70188); Midwest Corn, Dry Mill, Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Ethanol produced in Lawler, Iowa; Ethanol transported by rail to California. (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A04230100	70.88	ETH009A04230101	72.01	10/26/2021	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Midwest Corn, Dry Mill, Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Ethanol produced in Lawler, Iowa; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired
A037803	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A03780300	66.28	ETH010A03780301	66.40	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Local Sorghum, Dry Mill, Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A037805	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (70039); Local Sorghum, Dry Mill, Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A03780500	73.81	ETH010A03780502	74.69	9/29/2021	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (70039)	Local Sorghum, Dry Mill, Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
B025106	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Diesel (RND)	RND002B02510600	42.48	RND002B02510601	47.48	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025112	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B02511200	42.48	RNT002B02511201	47.48	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Australian Sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B026802	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B02680200	18.87	RND002B02680201	18.93	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	2021 AFPR Recert Complete	Retired
B026810	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B02681000	29.26	AJF002B02681001	29.78	3/28/2022	Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	2021 AFPR Recert Complete	Retired
B026812	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B02681200	29.26	RNT002B02681201	29.78	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	2021 AFPR Recert Complete	Retired
B026811	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	California	(animal and poultry fat)	Renewable Diesel (RND)	RND002B02681100	29.26	RND002B02681101	29.78	3/28/2022	Application Package	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Dinmore Australia transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B026803	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	California	(animal and poultry fat)	Renewable Naphtha (RNT)	RNT002B02680300	18.87	RNT002B02680301	18.93	3/28/2022	Application Package	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	2021 AFPR Recert Complete	Retired
B026801	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	California	(animal and poultry fat)	Alternative Jet Fuel (AJF)	AJF002B02680100	18.87	AJF002B02680101	18.93		Application Package	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	2021 AFPR Recert Complete	Retired
B036901	Tier 2	3.0	Fuel Producer: MONTAUK ENERGY HOLDINGS, LLC (6139); Facility Name: Pico Energy, LLC (71221); Biogas from dairy manure at B2 Dairy, B6 Dairy, Crossbred Dairy in Jerome, ID, and B5 Dairy in Wendell, ID; upgraded to pipeline quality at Pico Energy, LLC, and pipeline to CA for transportation use. (Provisional)	Idaho	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03690100	-260.56	3/27/2023	Application Package	Bio-CNG	MONTAUK ENERGY HOLDINGS, LLC (6139)	Pico Energy, LLC (71221)	Biogas from dairy manure at B2 Dairy, B6 Dairy, Crossbred Dairy in Jerome, ID, and B5 Dairy in Wendell, ID; upgraded to pipeline quality at Pico Energy, LLC, and pipeline to CA for transportation use. (Provisional)	None	
A048801	Tier 1	3.0	Fuel Producer: Western Plains Energy, LLC (4740); Facility Name: Western Plains Energy, LLC (70030); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup Co-products; Natural Gas, Grid Electricity, Zero-CI Electricity; Starch Ethanol produced in Oakie, KS ; Ethanol transported by rail to California (Provisional)	Kansas	Corn (009)	Ethanol (ETH)	None	None	ETH009A04880100	62.50	3/14/2023	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup Co-products; Natural Gas, Grid Electricity, Zero-CI Electricity; Starch Ethanol produced in Oakie, KS ; Ethanol transported by rail to California (Provisional)	None	
A048802	Tier 1	3.0	Fuel Producer: Western Plains Energy, LLC (4740); Facility Name: Western Plains Energy, LLC (70030); Midwest Grain Sorghum, Dry Mill; Wet DGS, Grain Sorghum oil and Syrup Co-products; Natural Gas, Grid Electricity, Zero-CI Electricity; Starch Ethanol produced in Oakie, KS ; Ethanol transported by rail to California (Provisional)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A04880200	65.50	3/14/2023	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Grain Sorghum, Dry Mill; Wet DGS, Grain Sorghum oil and Syrup Co-products; Natural Gas, Grid Electricity, Zero-CI Electricity; Starch Ethanol produced in Oakie, KS ; Ethanol transported by rail to California (Provisional)	None	
A048803	Tier 1	3.0	Fuel Producer: Western Plains Energy, LLC (4740); Facility Name: Western Plains Energy, LLC (70030); Midwest Corn, Dry Mill; Fiber ethanol, Edeniq Fiber Conversion Protocol; Natural Gas, Grid Electricity, Zero-CI Electricity; Starch Ethanol produced in Oakie,KS; Ethanol transported by rail to California (Provisional)	Kansas	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04880300	24.50	3/14/2023	None	Ethanol	Western Plains Energy, LLC (4740)	Western Plains Energy, LLC (70030)	Midwest Corn, Dry Mill; Fiber ethanol, Edeniq Fiber Conversion Protocol; Natural Gas, Grid Electricity, Zero-CI Electricity; Starch Ethanol produced in Oakie,KS; Ethanol transported by rail to California (Provisional)	None	
B038201	Tier 2	3.0	Fuel Producer: Madera Renewable Energy, LLC (C1140); Facility Name: Madera Renewable Energy, LLC (F00436); Low-CI electricity from Dairy Manure biogas using reciprocating engine at Philp Verwey Dairy in Madera, CA for use as transportation fuel in California. (Provisional)	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B03820100	-758.40	3/28/2023	Application Package	Electricity	Madera Renewable Energy, LLC (C1140)	Madera Renewable Energy, LLC (F00436)	Low-CI electricity from Dairy Manure biogas using reciprocating engine at Philp Verwey Dairy in Madera, CA for use as transportation fuel in California. (Provisional)	None	Retired
B039301	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: U.S. GAIN RNG FACILITY CLOVER HILL (71261); Biogas from Dairy Manure at Clover Hill Dairy in Campbellsport, WI; upgraded to pipeline quality at US Gain RNG Facility Clover Hill; pipelined to California for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03930100	-204.42	3/30/2023	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	U.S. GAIN RNG FACILITY CLOVER HILL (71261)	Biogas from Dairy Manure at Clover Hill Dairy in Campbellsport, WI; upgraded to pipeline quality at US Gain RNG Facility Clover Hill; pipelined to California for transportation use (Provisional)	None	
B040101	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504) ; Facility Name: YELLOW JACKET SWISS VALLEY RNG PROJECT (71161); Biogas from Dairy Manure at Swiss Valley Farms in Warsaw, NY; upgraded to pipeline quality at Yellow Jacket Swiss Valley RNG Project; pipelined to California for transportation use (Provisional)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04010100	-216.27	3/30/2023	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET SWISS VALLEY RNG PROJECT (71161)	Biogas from Dairy Manure at Swiss Valley Farms in Warsaw, NY; upgraded to pipeline quality at Yellow Jacket Swiss Valley RNG Project; pipelined to California for transportation use (Provisional)	None	Retired
B040401	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: AUGEAN RNG PROJECT (71081); Biogas from dairy manure at Augean RNG project, Outlook, WA; upgraded to pipeline quality at Augean RNG Project; currently trucked to pipeline injection and pipelined to CA for transportation use. (Provisional)	Washington	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04040100	-216.63	3/28/2023	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	AUGEAN RNG PROJECT (71081)	Biogas from dairy manure at Augean RNG project, Outlook, WA; upgraded to pipeline quality at Augean RNG Project; currently trucked to pipeline injection and pipelined to CA for transportation use. (Provisional)	None	
B042001	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: RIALTO Bioenergy (F00475); Bio-CNG from landfill-diverted food scraps sourced from multiple materials recovery facilities and upgraded at RIALTO Bioenergy facility in Bloomington, CA; Bio-CNG injected into California natural gas pipeline for transportation use (Provisional)	California	ood Scraps/Waste (02	Compressed Natural Gas (CNG)	None	None	CNG027B04200100	-28.20	3/22/2023	Application Package	Bio-CNG	Anew RNG, LLC (5877)	RIALTO Bioenergy (F00475)	Bio-CNG from landfill-diverted food scraps sourced from multiple materials recovery facilities and upgraded at RIALTO Bioenergy facility in Bloomington, CA; Bio-CNG injected into California natural gas pipeline for transportation use (Provisional)	None	
B042801	Tier 2	3.0	Fuel Producer: Jaxon Energy, LLC (6454); Facility Name: Jaxon Energy, LLC (83608); Midwest Sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	Mississippi	Distillers' Corn Oil (003	Renewable Diesel (RND)	RND003A02710100	78.60	RND003B04280100	51.80	3/30/2023	Application Package	Renewable Diesel	Jaxon Energy, LLC (6454)	Jaxon Energy, LLC (83608)	Midwest Sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	None	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B042802	Tier 2	3.0	Fuel Producer: Jaxon Energy, LLC (6454); Facility Name: Jaxon Energy, LLC (83608); Midwest Sourced Soybean Oil transported by rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	Mississippi	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B04280200	80.81	3/30/2023	Application Package	Renewable Diesel	Jaxon Energy, LLC (6454)	Jaxon Energy, LLC (83608)	Midwest Sourced Soybean Oil transported by rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	None	Retired
A049701	Tier 1	3.0	Fuel Producer: Canary Biofuels Inc. (1773); Facility Name: Canary 1 (F00502); Midwest Soybean Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	Canada	Soybean Oil (005)	Biodiesel (BIO)	None	None	BIO005A04970100	59.69	4/21/2023	None	Biodiesel	Canary Biofuels Inc. (1773)	Canary 1 (F00502)	Midwest Soybean Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	None	
A049702	Tier 1	3.0	Fuel Producer: Canary Biofuels Inc. (1773); Facility Name: Canary 1 (F00502); Canola Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	Canada	Canola Oil (006)	Biodiesel (BIO)	None	None	BIO006A04970200	54.45	4/21/2023	None	Biodiesel	Canary Biofuels Inc. (1773)	Canary 1 (F00502)	Canola Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	None	
A049703	Tier 1	3.0	Fuel Producer: Canary Biofuels Inc. (1773); Facility Name: Canary 1 (F00502); Corn Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	Canada	Distillers' Corn Oil (003)	Biodiesel (BIO)	None	None	BIO003A04970300	29.99	4/21/2023	None	Biodiesel	Canary Biofuels Inc. (1773)	Canary 1 (F00502)	Corn Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	None	
A049704	Tier 1	3.0	Fuel Producer: Canary Biofuels Inc. (1773); Facility Name: Canary 1 (F00502); Rendered Animal Fat Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	Canada	(animal and poultry fat)	Biodiesel (BIO)	None	None	BIO002A04970400	34.62	4/21/2023	None	Biodiesel	Canary Biofuels Inc. (1773)	Canary 1 (F00502)	Rendered Animal Fat Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	None	
A049705	Tier 1	3.0	Fuel Producer: Canary Biofuels Inc. (1773); Facility Name: Canary 1 (F00502); Used Cooking Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	Canada	Used Cooking Oil/Waste Oil (UCO)	Biodiesel (BIO)	None	None	BIO001A04970500	22.66	4/21/2023	None	Biodiesel	Canary Biofuels Inc. (1773)	Canary 1 (F00502)	Used Cooking Oil transported by truck to Biodiesel plant in Lethbridge, Alberta, Canada then to California By Rail (Provisional)	None	
A051201	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A02940201	62.64	ETH009A05120100	63.80	5/8/2023	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	None	Retired
A051202	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A02940101	71.64	ETH009A05120200	72.75	5/8/2023	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	None	Retired
A051203	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715) ; Facility Name: Arkalon Ethanol, LLC (70247); Midwest Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A02940401	65.71	ETH010A05120300	65.71	5/8/2023	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	None	Retired
A051204	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A02940301	74.71	ETH010A05120400	74.66	5/8/2023	None	Ethanol	Arkalon Ethanol, LLC (5715)	Arkalon Ethanol, LLC (70247)	Midwest Sorghum, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Liberal, Kansas; Ethanol transported by rail to California. Exclusion of steam energy for GNS production. (Provisional)	None	Retired
A005101	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500) ; Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00510100	69.86	ETH009A00510102	70.77	5/7/2019	None	Ethanol	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005102	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500) ; Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00510200	30.32	ETH012A00510202	30.54	5/7/2019	None	Ethanol - Cellulosic	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A049601	Tier 1	3.0	Fuel Producer: Siouland Energy Cooperative (4060); Facility Name: Siouland Energy Cooperative (70112); Midwest Corn, Dry Mill; Fiber ethanol Edeniq 2.0; Natural Gas, Grid Electricity; Starch Ethanol produced in Sioux Center, IA ; Ethanol transported by rail to California (Provisional)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A04960100	23.77	4/26/2023	None	Ethanol - Cellulosic	Siouland Energy Cooperative (4060)	Siouland Energy Cooperative (70112)	Midwest Corn, Dry Mill; Fiber ethanol Edeniq 2.0; Natural Gas, Grid Electricity; Starch Ethanol produced in Sioux Center, IA ; Ethanol transported by rail to California (Provisional)	None	
A049602	Tier 1	3.0	Fuel Producer: Siouland Energy Cooperative (4060); Facility Name: Siouland Energy Cooperative (70112); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Sioux Center, IA ; Ethanol transported by rail to California (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A04960200	63.19	4/26/2023	None	Ethanol	Siouland Energy Cooperative (4060)	Siouland Energy Cooperative (70112)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Sioux Center, IA ; Ethanol transported by rail to California (Provisional)	None	
A020001	Tier 1	3.0	Fuel Producer: GHI Energy, LLC (6156); Facility Name: Waste Management American Landfill (70421); Biomethane from WM American Landfill in Waynesburg, Ohio; Upgrading at the co-located upgrading facility; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel. (Provisional)	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02000100	40.13	CNG025A02000101	37.64	6/29/2020	None	Bio-CNG	GHI Energy, LLC (6156)	Waste Management American Landfill (70421)	Biomethane from WM American Landfill in Waynesburg, Ohio; Upgrading at the co-located upgrading facility; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel. (Provisional)	2021 AFPR Recert Complete	Retired
B025104	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC	Renewable Diesel (RND)	RND001B02510400	18.16	RND001B02510401	17.92	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025101	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Soybean Oil (005)	Renewable Diesel (RND)	RND005B02510100	60.13	RND005B02510101	57.13	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025107	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Soybean Oil (005)	Renewable Naphtha (RNT)	RNT005B02510700	60.13	RNT005B02510701	57.13	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Soybean Oil transported by rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025109	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC	Renewable Naphtha (RNT)	RNT001B02510900	19.75	RNT001B02510901	19.77	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025108	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	Distillers' Corn Oil (003	Renewable Naphtha (RNT)	RNT003B02510800	27.64	RNT003B02510801	28.00	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025110	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	oking Oil/Waste Oil (UC	Renewable Naphtha (RNT)	RNT001B02511000	18.16	RNT001B02511001	17.92	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Low energy rendered Used Cooking Oil sourced from Darling Ingredients facilities and transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025111	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat	Renewable Naphtha (RNT)	RNT002B02511100	32.14	RNT002B02511101	33.08	3/28/2022	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
B025102	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge.	Louisiana	Distillers' Corn Oil (003	Renewable Diesel (RND)	RND003B02510200	27.64	RND003B02510201	28.00	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge.	2021 AFPR Recert Complete	
B025103	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge.	Louisiana	oking Oil/Waste Oil (UC	Renewable Diesel (RND)	RND001B02510300	19.75	RND001B02510301	19.77	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge.	2021 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B025105	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	Louisiana	(animal and poultry fat)	Renewable Diesel (RND)	RND002B02510500	32.14	RND002B02510501	33.08	3/28/2022	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American Sourced Tallow transported by truck and rail to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; Finished Fuel transported to California by rail, ocean tanker, and/or barge. (Provisional)	2021 AFPR Recert Complete	
A038602	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Modified DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A03860200	69.20	ETH009A03860201	69.61	7/13/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Modified DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired
A038601	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Dry DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A03860100	72.20	ETH009A03860101	72.76	7/13/2021	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Dry DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (Provisional)	2021 AFPR Recert Complete	Retired
A050201	Tier 1	3.0	Fuel Producer: Plymouth Energy LLC (5474); Facility Name: Plymouth Energy LLC (70183); Midwest Corn, Dry Mill; Dry and Wet DGS; Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Merrill, Iowa and transported by Rail to California; Composite CI (Provisional)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01250200	68.41	ETH009A05020100	63.91	5/18/2023	None	Ethanol	Plymouth Energy LLC (5474)	Plymouth Energy LLC (70183)	Midwest Corn, Dry Mill; Dry and Wet DGS; Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Merrill, Iowa and transported by Rail to California; Composite CI (Provisional)	None	
L021101	Lookup Table	3.0	Fuel Producer: SRECTrade, Inc (C1018); Facility Name: SRECTrade Inc (F00567); Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC049L00072019	0.00	2/17/2023	None	Electricity	SRECTrade, Inc (C1018)	SRECTrade Inc (F00567)	Electricity that is generated from 100 percent directly supplied zero-CI sources used as a transportation fuel in California	None	
A051801	Tier 1	3.0	Fuel Producer: IOGEN D3 BIOFUEL PARTNERS II LLC (7180); Facility Name: ResilientIG Threemile Acquisition LLC (F00100); Biogas from Dairy Manure at Three Mile Farm in Boardman, OR; upgraded to pipeline quality at ResilientIG Threemile Acquisition LLC; delivered via pipeline to liquefaction facility in Topock, AZ; delivered by truck to CA and regasified for use as LCNG	Oregon	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	None	None	LCN026A05180100	-156.47	5/26/2023	None	Bio-LNG	IOGEN D3 BIOFUEL PARTNERS II LLC (7180)	ResilientIG Threemile Acquisition LLC (F00100)	Biogas from Dairy Manure at Three Mile Farm in Boardman, OR; upgraded to pipeline quality at ResilientIG Threemile Acquisition LLC; delivered via pipeline to liquefaction facility in Topock, AZ; delivered by truck to CA and regasified for use as LCNG	None	
A051802	Tier 1	3.0	Fuel Producer: IOGEN D3 BIOFUEL PARTNERS II LLC (7180); Facility Name: ResilientIG Threemile Acquisition LLC (F00100); Biogas from Dairy Manure at Three Mile Farm in Boardman, OR; upgraded to pipeline quality at ResilientIG Threemile Acquisition LLC; delivered via pipeline to liquefaction facility in Topock, AZ; delivered by truck to California for use as LNG	Oregon	Dairy Manure (026)	Liquefied Natural Gas (LNG)	None	None	LNG026A05180200	-152.93	5/26/2023	None	Bio-LNG	IOGEN D3 BIOFUEL PARTNERS II LLC (7180)	ResilientIG Threemile Acquisition LLC (F00100)	Biogas from Dairy Manure at Three Mile Farm in Boardman, OR; upgraded to pipeline quality at ResilientIG Threemile Acquisition LLC; delivered via pipeline to liquefaction facility in Topock, AZ; delivered by truck to California for use as LNG	None	
A005301	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786); Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill; Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00530100	73.81	ETH009A00530103	72.85	5/6/2019	None	Ethanol	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill; Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005302	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786); Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill; Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00530200	66.94	ETH009A00530203	65.95	5/6/2019	None	Ethanol	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill; Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005303	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786); Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill; Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00530300	26.95	ETH012A00530303	25.98	5/6/2019	None	Ethanol - Cellulosic	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill; Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005201	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785); Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00520100	75.97	ETH009A00520103	74.36	5/6/2019	None	Ethanol	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005202	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785); Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00520200	68.75	ETH009A00520203	66.04	5/6/2019	None	Ethanol	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A005203	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785) ; Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00520300	28.78	ETH012A00520303	26.29	5/6/2019	None	Ethanol - Cellulosic	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A006101	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791) ; Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00610100	76.85	ETH009A00610102	75.21	6/5/2019	None	Ethanol	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A006102	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791) ; Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00610200	69.76	ETH009A00610202	65.67	6/5/2019	None	Ethanol	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A006103	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791) ; Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00610300	29.51	ETH012A00610302	26.04	6/5/2019	None	Ethanol - Cellulosic	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A012701	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN, Ethanol transported by rail to California	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A01270100	28.33	ETH012A01270103	28.29	9/24/2019	None	Ethanol - Cellulosic	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN, Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A012702	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A01270200	75.89	ETH009A01270203	77.34	9/24/2019	None	Ethanol	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A012703	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A01270300	67.79	ETH009A01270303	68.22	9/24/2019	None	Ethanol	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005601	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00560100	74.83	ETH009A00560102	73.89	6/10/2019	None	Ethanol	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005602	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00560200	68.44	ETH009A00560202	67.49	6/10/2019	None	Ethanol	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005603	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00560300	28.47	ETH012A00560302	28.27	6/10/2019	None	Ethanol - Cellulosic	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005801	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A00580100	81.17	ETH009A00580102	73.74	5/7/2019	None	Ethanol	POET Biorefining - Bingham Lake (4780)	POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A005802	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A00580200	71.82	ETH009A00580202	68.00	5/7/2019	None	Ethanol	POET Biorefining - Bingham Lake (4780)	POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A005803	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS, Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00580300	31.75	ETH012A00580302	28.21	5/7/2019	None	Ethanol - Cellulosic	POET Biorefining - Bingham Lake (4780)	POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A006401	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784) ; Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00640100	75.04	ETH009A00640102	72.37	5/7/2019	None	Ethanol	POET Biorefining - Gowrie (4784)	POET Biorefining - Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A006403	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784) ; Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00640300	27.72	ETH012A00640302	24.60	5/7/2019	None	Ethanol - Cellulosic	POET Biorefining - Gowrie (4784)	POET Biorefining - Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA, using BPX conversion method; Ethanol transported by rail to California	2021 AFPR Recert Complete	Retired
A013501	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883); Biodiesel produced from U.S-sourced Animal Fat, Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	Oklahoma	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A01350100	32.07	BIO002A01350102	31.65	12/20/2019	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883)	Biodiesel produced from U.S-sourced Animal Fat, Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	2021 AFPR Recert Complete	Retired
A014101	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441); Midwest Corn Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	Missouri	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A01410100	29.40	BIO003A01410102	27.16	9/25/2019	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441)	Midwest Corn Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	2021 AFPR Recert Complete	Retired
A014102	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441); Rendered Tallow (animal and poultry fat); Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	Missouri	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A01410200	34.21	BIO002A01410202	32.08	9/25/2019	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441)	Rendered Tallow (animal and poultry fat); Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	2021 AFPR Recert Complete	Retired
A028201	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883); Rendered Animal Fat Oil transported by truck to biodiesel plant in Guymon, Oklahoma; biodiesel is then transferred to California By Rail	Oklahoma	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A02820100	27.02	BIO002A02820102	24.60	11/20/2020	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883)	Rendered Animal Fat Oil transported by truck to biodiesel plant in Guymon, Oklahoma; biodiesel is then transferred to California By Rail	2021 AFPR Recert Complete	Retired
A027901	Tier 1	3.0	Fuel Producer: FutureFuel Chemical Company (4664); Facility Name: FutureFuel Chemical Company (82612); Midwest Corn Oil transported by truck and rail to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	Arkansas	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A02790100	33.97	BIO003A02790101	33.53	3/9/2021	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	Midwest Corn Oil transported by truck and rail to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
A027902	Tier 1	3.0	Fuel Producer: FutureFuel Chemical Company (4664); Facility Name: FutureFuel Chemical Company (82612); US-sourced Used Cooking Oil transported by truck to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	Arkansas	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02790200	27.05	BIO001A02790202	26.13	3/9/2021	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (82612)	US-sourced Used Cooking Oil transported by truck to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (Provisional)	2021 AFPR Recert Complete	Retired
B028001	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Homan Farm, King City, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	California	Swine Manure (044)	Gaseous Hydrogen (HYG)	HYG044B02800100	-374.14	HYG044B02800101	-296.05	6/7/2023	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Homan Farm, King City, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	None	
B028002	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Valley View Farm, Greencastle, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	California	Swine Manure (044)	Gaseous Hydrogen (HYG)	HYG044B02800200	-390.47	HYG044B02800201	-368.94	6/7/2023	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at the Linde-Praxair SMR facility in Ontario, California using Biomethane derived from swine manure generated at Valley View Farm, Greencastle, Missouri; transported as G.H2 in tube trailers to refueling stations in California.	None	
B037802	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Gaseous Hydrogen produced at Linde-Praxair SMR using Biomethane derived from landfill gas generated at Johnstown Regional Energy - Raeger Landfill in Johnstown, PA; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	California	Landfill Gas (025)	Gaseous Hydrogen (HYG)	HYG025B03780200	75.16	HYG025B03780201	99.94	6/7/2023	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Gaseous Hydrogen produced at Linde-Praxair SMR using Biomethane derived from landfill gas generated at Johnstown Regional Energy - Raeger Landfill in Johnstown, PA; finished fuel transported as gaseous Hydrogen in tube trailers to refueling stations in California.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A023201	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Renovar Arlington, LTD RNG Project (70501); Biomethane from Landfill at Euless, TX 76040; Upgrading at US Gain; Pipelined to California for compression to CNG.	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02320100	43.15	CNG025A02320101	42.66	7/24/2020	None	Bio-CNG	U.S. Venture, Inc. (5504)	Renovar Arlington, LTD RNG Project (70501)	Biomethane from Landfill at Euless, TX 76040; Upgrading at US Gain; Pipelined to California for compression to CNG.	2021 AFPR Recert Complete	
B038301	Tier 2	3.0	Fuel Producer: EEC MARKET GROUP LLC (6496); Facility Name: NLC Energy Denmark LLC (70242); Biogas from dairy manure at Rolling Hills I, Rolling Hills II, Letterman, Barta, Heim's Hillcrest, Branch View, and D&D in WI; upgraded to pipeline quality at NLC Energy Denmark LLC; pipelined to CA for transportation use (Provisional)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03830100	-284.21	6/22/2023	Application Package	Bio-CNG	EEC MARKET GROUP LLC (6496)	NLC Energy Denmark LLC (70242)	Biogas from dairy manure at Rolling Hills I, Rolling Hills II, Letterman, Barta, Heim's Hillcrest, Branch View, and D&D in WI; upgraded to pipeline quality at NLC Energy Denmark LLC; pipelined to CA for transportation use (Provisional)	None	
B042603	Tier 2	3.0	Fuel Producer: Iwatani Corporation of America (C1024); Facility Name: Linde-Praxair (F00088); Hydrogen produced at Linde-Praxair SMR using North American Fossil Natural Gas; finished fuel transported as gaseous Hydrogen in tube-trailers to refueling stations in California.	California	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031B04260300	142.27	6/23/2023	Application Package	Hydrogen	Iwatani Corporation of America (C1024)	Linde-Praxair (F00088)	Hydrogen produced at Linde-Praxair SMR using North American Fossil Natural Gas; finished fuel transported as gaseous Hydrogen in tube-trailers to refueling stations in California.	None	
A050801	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Eugene/Springfield Water Pollution Control Facility (F00546); RNG produced from the mesophilic anaerobic digestion of wastewater sludge at the MWWC Regional Wastewater Treatment Plant using grid-based electricity, NG; CNG transported via pipeline; dispensed at refueling stations in California. (Provisional)	Oregon	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	None	None	CNG030A05080100	34.26	6/23/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Eugene/Springfield Water Pollution Control Facility (F00546)	RNG produced from the mesophilic anaerobic digestion of wastewater sludge at the MWWC Regional Wastewater Treatment Plant using grid-based electricity, NG; CNG transported via pipeline; dispensed at refueling stations in California. (Provisional)	None	
B041601	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); North American sourced Canola Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Canola Oil (006)	Renewable Diesel (RND)	RND005B02400200	57.64	RND006B04160100	51.93	6/28/2023	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	North American sourced Canola Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041602	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California By rail and ocean tanker (Provisional)	North Dakota	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RND003B02400100	29.79	RND003B04160200	29.65	6/28/2023	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California By rail and ocean tanker (Provisional)	None	
B041603	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Tallow transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RND002B02400301	33.43	RND002B04160300	32.91	6/28/2023	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Tallow transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041604	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Soybean Oil transported by truck, rail, and barge to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Soybean Oil (005)	Renewable Diesel (RND)	RND005B02400200	57.64	RND005B04160400	57.25	6/28/2023	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Soybean Oil transported by truck, rail, and barge to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041605	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RND001B02400800	21.09	RND001B04160500	20.19	6/28/2023	Application Package	Renewable Diesel	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041606	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); North American sourced Canola Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Canola Oil (006)	Renewable Naphtha (RNT)	None	None	RNT006B04160600	51.93	6/28/2023	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	North American sourced Canola Oil transported by rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041607	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California By rail and ocean tanker (Provisional)	North Dakota	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	RNT003B02400400	29.79	RNT003B04160700	29.65	6/28/2023	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California By rail and ocean tanker (Provisional)	None	
B041608	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Tallow transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNT002B02400701	33.43	RNT002B04160800	32.91	6/28/2023	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Tallow transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B041609	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Soybean Oil transported by truck, rail, and barge to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Soybean Oil (005)	Renewable Naphtha (RNT)	RNT005B02400500	57.64	RNT005B04160900	57.25	6/28/2023	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Facility Name: Marathon Dickinson Refinery (F00313)	U.S sourced Soybean Oil transported by truck, rail, and barge to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041610	Tier 2	3.0	Fuel Producer: DAKOTA PRAIRIE REFINING (1166); Facility Name: Marathon Dickinson Refinery (F00313); U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	North Dakota	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	RNT001B02400600	21.09	RNT001B04161000	20.19	6/28/2023	Application Package	Renewable Naphtha	DAKOTA PRAIRIE REFINING (1166)	Marathon Dickinson Refinery (F00313)	U.S sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Dickinson, North Dakota; Natural Gas and Grid Electricity; transported to California by rail and ocean tanker (Provisional)	None	
B041701	Tier 2	3.0	Fuel Producer: WYNNEWOOD REFINING COMPANY, LLC (4148); Facility Name: WYNNEWOOD REFINING COMPANY (82420); Midwest Sourced Soybean Oil transported by rail to Renewable Diesel plant in Wynnewood, OK; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	Oklahoma	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B04170100	67.05	6/28/2023	Application Package	Renewable Diesel	WYNNEWOOD REFINING COMPANY, LLC (4148)	WYNNEWOOD REFINING COMPANY (82420)	Midwest Sourced Soybean Oil transported by rail to Renewable Diesel plant in Wynnewood, OK; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	None	
B041702	Tier 2	3.0	Fuel Producer: WYNNEWOOD REFINING COMPANY, LLC (4148); Facility Name: WYNNEWOOD REFINING COMPANY (82420); Midwest Sourced Corn Oil transported by rail to Renewable Diesel plant in Wynnewood, OK; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	Oklahoma	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B04170200	37.82	6/28/2023	Application Package	Renewable Diesel	WYNNEWOOD REFINING COMPANY, LLC (4148)	WYNNEWOOD REFINING COMPANY (82420)	Midwest Sourced Corn Oil transported by rail to Renewable Diesel plant in Wynnewood, OK; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	None	
B042101	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	Louisiana	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B04210100	61.50	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	None	
B042102	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B04210200	32.50	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042103	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04210300	26.00	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042104	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04210400	20.00	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042105	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04210500	26.50	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042106	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04210600	31.00	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042107	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04210700	37.00	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042108	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04210800	39.50	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B042109	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04210900	48.00	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042110	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Site-Specific Rendered Tallow Sourced from JBS Greeley Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04211000	24.00	6/29/2023	Application Package	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Site-Specific Rendered Tallow Sourced from JBS Greeley Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	None	
B042111	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	Louisiana	Soybean Oil (005)	Renewable Naphtha (RNT)	None	None	RNT005B04211100	62.00	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	None	
B042112	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	None	None	RNT003B04211200	33.00	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042113	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B04211300	26.50	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042114	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B04211400	20.50	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042115	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B04211500	27.00	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042116	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B04211600	31.50	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042117	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B04211700	37.50	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042118	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B04211800	40.00	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042119	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B04211900	48.50	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042120	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Site-Specific Rendered Tallow Sourced from JBS Greeley Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B04212000	24.50	6/29/2023	Application Package	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Site-Specific Rendered Tallow Sourced from JBS Greeley Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B042121	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212100	62.00	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	None	
B042122	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212200	33.00	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042123	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212300	26.50	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042124	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212400	20.50	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042125	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212500	27.00	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042126	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212600	31.50	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042127	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212700	37.50	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042128	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212800	40.00	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042129	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04212900	48.50	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042130	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Site-Specific Rendered Tallow Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	Louisiana	Other Organic Waste (029)	Propane (LPG)	None	None	LPG029B04213000	24.50	6/29/2023	Application Package	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Site-Specific Rendered Tallow Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	None	
B042131	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	Louisiana	Soybean Oil (005)	Alternative Jet Fuel (AJF)	None	None	AJF005B04213100	62.00	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	None	
B042132	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Distillers' Corn Oil (003)	Alternative Jet Fuel (AJF)	None	None	AJF003B04213200	33.00	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Corn Oil transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B042133	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Alternative Jet Fuel (AJF)	None	None	AJF001B04213300	26.50	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042134	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Alternative Jet Fuel (AJF)	None	None	AJF001B04213400	20.50	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Non-Rendered UCO transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042135	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Alternative Jet Fuel (AJF)	None	None	AJF001B04213500	27.00	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced UCO transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042136	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Alternative Jet Fuel (AJF)	None	None	AJF001B04213600	31.50	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042137	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04213700	37.50	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	North American sourced Tallow transported by truck, rail, and barge to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042138	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04213800	40.00	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	South American sourced Tallow transported by truck, rail, and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042139	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04213900	48.50	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Asia Pacific sourced Tallow transported by truck and ocean tanker to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Hydrogen, and Electricity; transported to California by truck and ocean tanker	None	
B042140	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Site-Specific Rendered Tallow Sourced from JBS Greeley Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	Louisiana	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04214000	24.50	6/29/2023	Application Package	Alternative Jet Fuel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Site-Specific Rendered Tallow Sourced from JBS Greeley Colorado transported by rail to Renewable Diesel plant in Geismar, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by truck and ocean tanker	None	
B043001	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR facility in Ontario, CA using Biomethane procured from the Yellow Jacket Lamb RNG Project, Oakfield, NY; finished fuel transported in tanker trailers and dispensed at Hydrogen refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B04300100	-236.90	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR facility in Ontario, CA using Biomethane procured from the Yellow Jacket Lamb RNG Project, Oakfield, NY; finished fuel transported in tanker trailers and dispensed at Hydrogen refueling stations in California. (Provisional)	None	
B043002	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR facility in Ontario, CA using Biomethane procured from Yellow Jacket Lakeshore RNG Project in Wilson, NY; finished fuel transported in tanker trailers and dispensed at Hydrogen refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B04300200	-243.54	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR facility in Ontario, CA using Biomethane procured from Yellow Jacket Lakeshore RNG Project in Wilson, NY; finished fuel transported in tanker trailers and dispensed at Hydrogen refueling stations in California. (Provisional)	None	
B043003	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR facility using Biomethane procured from Yellow Jacket Boxder RNG Project, Varysburg, NY; finished fuel transported in tanker trailers and dispensed at Hydrogen refueling stations in California. (Provisional)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B04300300	-132.07	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR facility using Biomethane procured from Yellow Jacket Boxder RNG Project, Varysburg, NY; finished fuel transported in tanker trailers and dispensed at Hydrogen refueling stations in California. (Provisional)	None	
B043004	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from Yellow Jacket Lamb RNG Project, Oakfield, NY; finished fuel transported in tube-trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04300400	-275.67	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from Yellow Jacket Lamb RNG Project, Oakfield, NY; finished fuel transported in tube-trailers to refueling stations in California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B043005	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR using Biomethane procured from at Yellow Jacket Lakeshore RNG Project, Wilson, NY; Finished fuel transported in tube-trailers to Hydrogen refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04300500	-282.30	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR using Biomethane procured from at Yellow Jacket Lakeshore RNG Project, Wilson, NY; finished fuel transported in tube-trailers to Hydrogen refueling stations in California. (Provisional)	None	
B043006	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from the Yellow Jacket Boxter RNG Project in Varysburg, NY; transported in tube-trailers to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04300600	-170.83	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from the Yellow Jacket Boxter RNG Project in Varysburg, NY; transported in tube-trailers to refueling stations in California. (Provisional)	None	
B043007	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from the Yellow Jacket Lamb RNG Project, Oakfield, NY; Re-gasified, Compressed at a trans-fill facility; distributed to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04300700	-221.27	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from the Yellow Jacket Lamb RNG Project, Oakfield, NY; Re-gasified, Compressed at a trans-fill facility; distributed to refueling stations in California. (Provisional)	None	
B043008	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from the Yellow Jacket Lakeshore RNG Project, Wilson, NY; Re-gasified, Compressed at a trans-fill facility; distributed to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04300800	-227.91	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, CA using biomethane procured from the Yellow Jacket Lakeshore RNG Project, Wilson, NY; Re-gasified, Compressed at a trans-fill facility; distributed to refueling stations in California. (Provisional)	None	
B043009	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR in Ontario, CA, biomethane procured from Yellow Jacket Boxter RNG Project, Varysburg, NY; Re-gasified, Compressed at a trans-fill facility; distributed to refueling stations in California. (Provisional)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04300900	-116.43	6/27/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR in Ontario, CA; biomethane procured from Yellow Jacket Boxter RNG Project, Varysburg, NY; Re-gasified, Compressed at a trans-fill facility; distributed to refueling stations in California. (Provisional)	None	
B039401	Tier 2	3.0	Fuel Producer: Chevron Products Company (5086) ; Facility Name: Chevron El Segundo (01013); Soybean oil transported by rail to California; natural gas, steam, grid electricity and hydrogen; renewable diesel produced from co-processing soybean oil with fossil feedstock in a diesel hydrotreater (VGO unit) in El Segundo, California (PROV3.0)	California	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B03940100	51.74	6/30/2023	Application Package	Renewable Diesel	Chevron Products Company (5086)	Chevron El Segundo (01013)	Soybean oil transported by rail to California; natural gas, steam, grid electricity and hydrogen; renewable diesel produced from co-processing soybean oil with fossil feedstock in a diesel hydrotreater (VGO unit) in El Segundo, California (Provisional)	None	
B039601	Tier 2	3.0	Fuel Producer: Lakeside Pipeline, LLC (C1158); Facility Name: Lakeside Pipeline, LLC (F00480); Biogas from dairy manure at Lone Oak #1 Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California for transportation use. (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03960100	-411.32	6/30/2023	Application Package	Bio-CNG	Lakeside Pipeline, LLC (C1158)	Lakeside Pipeline, LLC (F00480)	Biogas from dairy manure at Lone Oak #1 Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California for transportation use. (Provisional)	None	
B039602	Tier 2	3.0	Fuel Producer: Lakeside Pipeline, LLC (C1158); Facility Name: Lakeside Pipeline, LLC (F00480); Biogas from dairy manure at Dixie Creek Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California For transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03960200	-416.41	6/30/2023	Application Package	Bio-CNG	Lakeside Pipeline, LLC (C1158)	Lakeside Pipeline, LLC (F00480)	Biogas from dairy manure at Dixie Creek Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California For transportation use (Provisional)	None	
B039603	Tier 2	3.0	Fuel Producer: Lakeside Pipeline, LLC (C1158); Facility Name: Lakeside Pipeline, LLC (F00480); Biogas from dairy manure at River Ranch Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California for transportation use. (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03960300	-417.71	6/30/2023	Application Package	Bio-CNG	Lakeside Pipeline, LLC (C1158)	Lakeside Pipeline, LLC (F00480)	Biogas from dairy manure at River Ranch Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California for transportation use. (Provisional)	None	
B039604	Tier 2	3.0	Fuel Producer: Lakeside Pipeline, LLC (C1158); Facility Name: Lakeside Pipeline, LLC (F00480); Biogas from dairy manure at Decade Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B03960400	-418.87	6/30/2023	Application Package	Bio-CNG	Lakeside Pipeline, LLC (C1158)	Lakeside Pipeline, LLC (F00480)	Biogas from dairy manure at Decade Dairy in Hanford, CA; upgraded to pipeline quality at Lakeside Pipeline, LLC; pipelined to California for transportation use (Provisional)	None	
B040301	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from dairy manure at Belonave Biogas LLC in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC; pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04030100	-419.40	6/30/2023	Application Package	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from dairy manure at Belonave Biogas LLC in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC; pipelined to California for transportation use (Provisional)	None	
A050101	Tier 1	3.0	Fuel Producer: BIOENERGETICA VALE DO PARACATU SA (1431); Facility Name: BIOENERGETICA VALE DO PARACATU SA (71521); Ethanol produced from sugarcane juice and molasses in Minas Gerais (Brazil); co-product credit for export of surplus cogenerated electricity; ethanol transported to California by Ocean tanker via Cape Horn; distributed to refueling stations by truck. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A05010100	50.89	7/3/2023	None	Ethanol	BIOENERGETICA VALE DO PARACATU SA (1431)	BIOENERGETICA VALE DO PARACATU SA (71521)	Ethanol produced from sugarcane juice and molasses in Minas Gerais (Brazil); co-product credit for export of surplus cogenerated electricity; ethanol transported to California by Ocean tanker via Cape Horn; distributed to refueling stations by truck.	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B043801	Tier 2	3.0	Fuel Producer: Lone Oak Energy, LLC (C1177); Facility Name: Lone Oak Energy, LLC (F00542); Biogas from dairy manure at Lone Oak Farms #2 in Fresno, CA; upgraded to pipeline quality at Lone Oak Energy, LLC, trucked to pipeline injection and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04380100	-404.74	6/30/2023	Application Package	Bio-CNG	Lone Oak Energy, LLC (C1177)	Lone Oak Energy, LLC (F00542)	Biogas from dairy manure at Lone Oak Farms #2 in Fresno, CA; upgraded to pipeline quality at Lone Oak Energy, LLC, trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	
B045001	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: DEMETER RNG PROJECT (71302); Biogas from dairy manure at Endres Dairy, Maiera White Gold, Rippas Dairy Valley, Endres Berry Ridge, and Wagner Dairy in WI; upgraded to pipeline quality at DEMETER RNG PROJECT; trucked to pipeline injection and pipelined to CA for transportation use (PROV3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04500100	-191.29	6/30/2023	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	DEMETER RNG PROJECT (71302)	Biogas from dairy manure at Endres Dairy, Maiera White Gold, Rippas Dairy Valley, Endres Berry Ridge, and Wagner Dairy in WI; upgraded to pipeline quality at DEMETER RNG PROJECT; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	None	
B046701	Tier 2	3.0	Fuel Producer: Lime (C1014); Facility Name: Lime Headquarters (F00036); Electricity from zero-CI sources used to power Lime's battery-electric scooters and bicycles in California. (3.0)	California	Solar (033)	Electricity (ELC)	None	None	ELC033B04670100	80.29	8/1/2023	Application Package	Electricity	Lime (C1014)	Lime Headquarters (F00036)	Electricity from zero-CI sources used to power Lime's battery-electric scooters and bicycles in California.	None	
L021801	Lookup Table	3.0	Fuel Producer: Swift Transportation Company of Arizona, LLC (C1230) ; Facility Name: Swift Transportation Co. of Arizona, LLC. (F00642); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California (3.0)	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	7/7/2023	None	Electricity	Swift Transportation Company of Arizona, LLC (C1230)	Swift Transportation Co. of Arizona, LLC. (F00642)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L021901	Lookup Table	3.0	Fuel Producer: Prologis Mobility (C1234); Facility Name: Prologis Mobility LLC (F00637); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California (3.0)	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	7/20/2023	None	Electricity	Prologis Mobility (C1234)	Prologis Mobility LLC (F00637)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L022001	Lookup Table	3.0	Fuel Producer: TeraWatt Infrastructure, Inc. (C1240); Facility Name: TeraWatt Infrastructure, Inc. (F00650); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California (3.0)	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	8/14/2023	None	Electricity	TeraWatt Infrastructure, Inc. (C1240)	TeraWatt Infrastructure, Inc. (F00650)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
B042201	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Five H in Merced, CA; and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220100	-416.31	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Five H in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	
B042202	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Red Rock in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220200	-429.59	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Red Rock in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	
B042203	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Vista Verde in Chowchilla, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220300	-249.95	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Vista Verde in Chowchilla, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	
B042204	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Vander Woude in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220400	-260.14	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Vander Woude in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	
B042205	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Rockshar in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220500	-411.49	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Rockshar in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	
B042206	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Michael De Hoog in Merced, CA; and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220600	-418.96	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Michael De Hoog in Merced, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B042207	Tier 2	3.0	Fuel Producer: Merced Pipeline LLC (C1199); Facility Name: Merced Pipeline, LLC (F00518); Renewable Natural Gas (RNG) from Dairy Manure at Double Diamond in El Nido, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04220700	-328.54	9/14/2023	Application Package	Bio-CNG	Merced Pipeline LLC (C1199)	Merced Pipeline, LLC (F00518)	Renewable Natural Gas (RNG) from Dairy Manure at Double Diamond in El Nido, CA and upgraded at Merced Pipeline, LLC Facility in Merced, CA; RNG pipelined to California for transportation use (Provisional)	None	
A051001	Tier 1	3.0	Fuel Producer: TRUSTAR ENERGY LLC (6523); Facility Name: NOBLE ROAD RNG LLC (72142); Biomethane from Noble Road Landfill in Shiloh, OH; upgrading at Noble Road RNG LLC, pipelined to California for compression to CNG (PROV3.0)	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	None	None	CNG025A05100100	48.84	8/31/2023	None	Bio-CNG	TRUSTAR ENERGY LLC (6523)	NOBLE ROAD RNG LLC (72142)	Biomethane from Noble Road Landfill in Shiloh, OH; upgrading at Noble Road RNG LLC, pipelined to California for compression to CNG (Provisional)	None	
B047701	Tier 2	3.0	Fuel Producer: Cheyenne Renewable Diesel Company LLC (1647); Facility Name: Cheyenne Renewable Diesel Company LLC (F00494); Renewable Diesel produced from Soybean Oil pre-treated in Artesia, NM and transported by rail and truck to Cheyenne, WY; NG, Electricity, Alternate Fuel, finished fuel transported to California by Rail. (PROV3.0)	Wyoming	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B04770100	69.78	9/28/2023	Application Package	Renewable Diesel	Cheyenne Renewable Diesel Company LLC (1647)	Cheyenne Renewable Diesel Company LLC (F00494)	Renewable Diesel produced from Soybean Oil pre-treated in Artesia, NM and transported by rail and truck to Cheyenne, WY; NG, Electricity, Alternate Fuel; finished fuel transported to California by Rail. (Provisional)	None	
B047702	Tier 2	3.0	Fuel Producer: Cheyenne Renewable Diesel Company LLC (1647); Facility Name: Cheyenne Renewable Diesel Company LLC (F00494); Renewable Diesel produced from Soybean Oil transported by rail to Cheyenne, WY; NG, Electricity, Alternate Fuel, finished fuel transported to California by Rail. (PROV3.0)	Wyoming	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B04770200	69.41	9/28/2023	Application Package	Renewable Diesel	Cheyenne Renewable Diesel Company LLC (1647)	Cheyenne Renewable Diesel Company LLC (F00494)	Renewable Diesel produced from Soybean Oil transported by rail to Cheyenne, WY; NG, Electricity, Alternate Fuel; finished fuel transported to California by Rail. (Provisional)	None	
B047703	Tier 2	3.0	Fuel Producer: Cheyenne Renewable Diesel Company LLC (1647); Facility Name: Cheyenne Renewable Diesel Company LLC (F00494); Renewable Diesel produced from U.S. sourced tallow transported to Cheyenne, WY by truck and rail; NG, Electricity, Alternate Fuel; finished fuel transported to California by Rail. (PROV3.0)	Wyoming	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04770300	44.56	9/28/2023	Application Package	Renewable Diesel	Cheyenne Renewable Diesel Company LLC (1647)	Cheyenne Renewable Diesel Company LLC (F00494)	Renewable Diesel produced from U.S. sourced tallow transported to Cheyenne, WY by truck and rail; NG, Electricity, Alternate Fuel; finished fuel transported to California by Rail. (Provisional)	None	
L022201	Lookup Table	3.0	Fuel Producer: VERDANT ENERGY SERVICES LLC (C1048); Facility Name: Verdant Energy Services OCI (F00661); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California (3.0)	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/26/2023	None	Electricity	VERDANT ENERGY SERVICES LLC (C1048)	Verdant Energy Services OCI (F00661)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L022101	Lookup Table	3.0	Fuel Producer: Republic Services Procurement, Inc. (C1239); Facility Name: Republic Services Procurement, Inc. (F00660); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California (3.0)	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/22/2023	None	Electricity	Republic Services Procurement, Inc. (C1239)	Republic Services Procurement, Inc. (F00660)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
L022601	Lookup Table	3.0	Fuel Producer: Neutron Holdings, Inc. (dba Lime) (C1014); Facility Name: Neutron Holdings, Inc. (dba Lime) (F00036); Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California (3.0)	California	Zero-CI Sources (037)	Electricity (ELC)	None	None	ELC037L00072019	0.00	9/28/2023	None	Electricity	Neutron Holdings, Inc. (dba Lime) (C1014)	Neutron Holdings, Inc. (dba Lime) (F00036)	Electricity that is generated from 100 percent zero-CI sources used as a transportation fuel in California	None	
B044901	Tier 2	3.0	Fuel Producer: USL Parallel Products of California (4018); Facility Name: USL Parallel Products of California (70122); Ethanol from spoiled beverages produced by USL Parallel Products of California in Rancho Cucamonga, CA; ethanol blended in California for transportation use. (3.0)	California	Any Sugar Feedstock (040)	Ethanol (ETH)	ETHWB201	69.82	ETH040B04490100	126.33	10/2/2023	Application Package	Ethanol	USL Parallel Products of California (4018)	USL Parallel Products of California (70122)	Ethanol from spoiled beverages produced by USL Parallel Products of California in Rancho Cucamonga, CA; ethanol blended in California for transportation use.	None	
A051601	Tier 1	3.0	Fuel Producer: Granite Falls Energy, LLC (4769); Facility Name: Granite Falls Energy, LLC (70071); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Granite Falls, MN; Ethanol transported by Rail to California. (PROV3.0)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A05160100	70.52	10/18/2023	None	Ethanol	Granite Falls Energy, LLC (4769)	Granite Falls Energy, LLC (70071)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Granite Falls, MN; Ethanol transported by Rail to California. (Provisional)	None	
A051602	Tier 1	3.0	Fuel Producer: Granite Falls Energy, LLC (4769); Facility Name: Granite Falls Energy, LLC (70071); Midwest Corn, Dry Mill; Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Granite Falls, MN; Ethanol transported by Rail to California. (PROV3.0)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A05160200	69.50	10/18/2023	None	Ethanol	Granite Falls Energy, LLC (4769)	Granite Falls Energy, LLC (70071)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Granite Falls, MN; Ethanol transported by Rail to California. (Provisional)	None	
A051603	Tier 1	3.0	Fuel Producer: Granite Falls Energy, LLC (4769); Facility Name: Granite Falls Energy, LLC (70071); Midwest Corn, Dry Mill; Fiber ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Cellulosic Ethanol produced in Granite Falls, MN; Ethanol transported by Rail to California. (PROV3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05160300	23.39	10/18/2023	None	Ethanol - Cellulosic	Granite Falls Energy, LLC (4769)	Granite Falls Energy, LLC (70071)	Midwest Corn, Dry Mill; Fiber ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Cellulosic Ethanol produced in Granite Falls, MN; Ethanol transported by Rail to California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A052901	Tier 1	3.0	Fuel Producer: Chief Ethanol Fuels, Inc (5110); Facility Name: CHIEF ETHANOL FUELS INC (70150); Midwest Corn, Dry Mill; Corn Fiber Ethanol using the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Hastings, NE; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05290100	41.63	10/10/2023	None	Ethanol - Cellulosic	Chief Ethanol Fuels, Inc (5110)	CHIEF ETHANOL FUELS INC (70150)	Midwest Corn, Dry Mill; Corn Fiber Ethanol using the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Hastings, NE; Ethanol transported by Rail to California. (Provisional)	None	
A052902	Tier 1	3.0	Fuel Producer: Chief Ethanol Fuels, Inc (5110); Facility Name: CHIEF ETHANOL FUELS INC (70150); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup Co-Products; Natural Gas, Grid Electricity; Starch Ethanol produced in Hastings, NE; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A05290200	80.80	10/10/2023	None	Ethanol	Chief Ethanol Fuels, Inc (5110)	CHIEF ETHANOL FUELS INC (70150)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup Co-Products; Natural Gas, Grid Electricity; Starch Ethanol produced in Hastings, NE; Ethanol transported by Rail to California. (Provisional)	None	
A052903	Tier 1	3.0	Fuel Producer: Chief Ethanol Fuels, Inc (5110); Facility Name: CHIEF ETHANOL FUELS INC (70150); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup Co-Products; Natural Gas, Grid Electricity; Starch Ethanol produced in Hastings, NE; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A05290300	100.10	10/10/2023	None	Ethanol	Chief Ethanol Fuels, Inc (5110)	CHIEF ETHANOL FUELS INC (70150)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup Co-Products; Natural Gas, Grid Electricity; Starch Ethanol produced in Hastings, NE; Ethanol transported by Rail to California. (Provisional)	None	
A051901	Tier 1	3.0	Fuel Producer: Heron Lake BioEnergy (4015); Facility Name: Heron Lake BioEnergy (70097); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Heron Lake, Minnesota; Ethanol transported by Rail to California. (PROV3.0)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A05190100	72.01	10/18/2023	None	Ethanol	Heron Lake BioEnergy (4015)	Heron Lake BioEnergy (70097)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Heron Lake, Minnesota; Ethanol transported by Rail to California. (Provisional)	None	
A051902	Tier 1	3.0	Fuel Producer: Heron Lake BioEnergy (4015); Facility Name: Heron Lake BioEnergy (70097); Midwest Corn, Dry Mill; Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Heron Lake, Minnesota; Ethanol transported by Rail to California. (PROV3.0)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A05190200	70.62	10/18/2023	None	Ethanol	Heron Lake BioEnergy (4015)	Heron Lake BioEnergy (70097)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Heron Lake, Minnesota; Ethanol transported by Rail to California. (Provisional)	None	
A051903	Tier 1	3.0	Fuel Producer: Heron Lake BioEnergy (4015); Facility Name: Heron Lake BioEnergy (70097); Midwest Corn, Dry Mill; Fiber Ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Cellulosic Ethanol produced in Heron Lake, Minnesota, and transported by Rail to California. (PROV3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05190300	27.90	10/18/2023	None	Ethanol - Cellulosic	Heron Lake BioEnergy (4015)	Heron Lake BioEnergy (70097)	Midwest Corn, Dry Mill; Fiber Ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Cellulosic Ethanol produced in Heron Lake, Minnesota, and transported by Rail to California. (Provisional)	None	
A052001	Tier 1	3.0	Fuel Producer: Chief Ethanol Fuels, Inc (5110); Facility Name: CHIEF ETHANOL FUELS INC (70241); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00380100	77.4	ETH009A05200100	77.86	10/30/2023	None	Ethanol	Chief Ethanol Fuels, Inc (5110)	CHIEF ETHANOL FUELS INC (70241)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by Rail to California. (Provisional)	None	
A052002	Tier 1	3.0	Fuel Producer: Chief Ethanol Fuels, Inc (5110); Facility Name: CHIEF ETHANOL FUELS INC (70241); Midwest Corn, Dry Mill; Corn Kernel Fiber Ethanol produced by the EDENIQ Fiber Conversion Process in Lexington, NE; Natural Gas, Grid Electricity; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05200200	38.12	10/30/2023	None	Ethanol - Cellulosic	Chief Ethanol Fuels, Inc (5110)	CHIEF ETHANOL FUELS INC (70241)	Midwest Corn, Dry Mill; Corn Kernel Fiber Ethanol produced by the EDENIQ Fiber Conversion Process in Lexington, NE; Natural Gas, Grid Electricity; Ethanol transported by Rail to California. (Provisional)	None	
A052101	Tier 1	3.0	Fuel Producer: Green Plains Central City, LLC (3368); Facility Name: Green Plains Central City LLC (70141); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Central City, NE; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A05210100	75.51	10/31/2023	None	Ethanol	Green Plains Central City, LLC (3368)	Green Plains Central City LLC (70141)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Central City, NE; Ethanol transported by Rail to California. (Provisional)	None	
A052102	Tier 1	3.0	Fuel Producer: Green Plains Central City, LLC (3368); Facility Name: Green Plains Central City LLC (70141); Midwest Corn, Dry Mill; Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Central City, NE; Ethanol transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A002960100	65.97	ETH009A05210200	64.86	10/31/2023	None	Ethanol	Green Plains Central City, LLC (3368)	Green Plains Central City LLC (70141)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Central City, NE; Ethanol transported by Rail to California. (Provisional)	None	
B045801	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker (3.0)	Finland	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04580100	27.39	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	None	
B045802	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker (3.0)	Finland	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04580200	33.70	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; transported to California by truck and ocean tanker	None	

[illegible]

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B045817	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced animal fat pre-treated at Sluiskil transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to Koole to co-produce renewable jet; trans (3.0)	Finland	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04581700	43.87	11/9/2023	Application Package	Alternative Jet Fuel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced animal fat pre-treated at Sluiskil transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to Koole to co-produce renewable jet; trans	None	
B045819	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel, transported to California ocean (3.0)	Finland	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04581900	29.42	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel, transported to California ocean	None	
B045820	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel, transported to California by oc (3.0)	Finland	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04582000	35.72	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel, transported to California by oc	None	
B045821	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); Globally sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel; transported to Californ (3.0)	Finland	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04582100	49.97	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	Globally sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel; transported to Californ	None	
B045822	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel, transported to Californ (3.0)	Finland	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04582200	43.17	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel, transported to Californ	None	
B045824	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced animal fat pre-treated at Sluiskil transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel; (3.0)	Finland	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04582400	45.68	11/9/2023	Application Package	Renewable Diesel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced animal fat pre-treated at Sluiskil transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable diesel;	None	
B045825	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; transported to California ocean la (3.0)	Finland	Used Cooking Oil/Waste Oil (UCO) (001)	Alternative Jet Fuel (AJF)	None	None	AJF001B04582500	29.42	11/9/2023	Application Package	Alternative Jet Fuel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; transported to California ocean la	None	
B045826	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; transported to California by ocean (3.0)	Finland	Used Cooking Oil/Waste Oil (UCO) (001)	Alternative Jet Fuel (AJF)	None	None	AJF001B04582600	35.72	11/9/2023	Application Package	Alternative Jet Fuel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	Globally sourced UCO transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet, transported to California by ocean	None	
B045827	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet, transported to California b (3.0)	Finland	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04582700	43.17	11/9/2023	Application Package	Alternative Jet Fuel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; transported to California b	None	
B045828	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); Globally sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; transported to California b (3.0)	Finland	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04582800	49.97	11/9/2023	Application Package	Alternative Jet Fuel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	Globally sourced animal fat transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; transported to California b	None	
B045829	Tier 2	3.0	Fuel Producer: Neste Oyj (3734); Facility Name: Neste Renewable Fuels - Porvoo (80272); European sourced animal fat pre-treated at Sluiskil transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet, tra (3.0)	Finland	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	None	None	AJF002B04582900	45.68	11/9/2023	Application Package	Alternative Jet Fuel	Neste Oyj (3734)	Neste Renewable Fuels - Porvoo (80272)	European sourced animal fat pre-treated at Sluiskil transported by truck, rail, and ocean tanker to Renewable Diesel plant in Porvoo, Finland; Natural Gas, Hydrogen and Grid Electricity; RD feedstock transported to TexMark to co-produce renewable jet; tra	None	
A052301	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ARTHUR (1578); Facility Name: Poet Biorefining - Arthur (71682); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05230100	73.75	11/6/2023	None	Ethanol	POET BIOREFINING - ARTHUR (1578)	Poet Biorefining - Arthur (71682)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A052302	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ARTHUR (1578); Facility Name: Poet Biorefining - Arthur (71682); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05230200	70.13	11/6/2023	None	Ethanol	POET BIOREFINING - ARTHUR (1578)	Poet Biorefining - Arthur (71682)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052303	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ARTHUR (1578); Facility Name: Poet Biorefining - Arthur (71682); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup, ; Natural Gas, Grid Electricity; Starch Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05230300	66.14	11/6/2023	None	Ethanol	POET BIOREFINING - ARTHUR (1578)	Poet Biorefining - Arthur (71682)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup, ; Natural Gas, Grid Electricity; Starch Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052304	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ARTHUR (1578); Facility Name: Poet Biorefining - Arthur (71682); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by the BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05230400	26.37	11/6/2023	None	Ethanol - Cellulosic	POET BIOREFINING - ARTHUR (1578)	Poet Biorefining - Arthur (71682)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by the BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Arthur, IA; Ethanol transported by Rail to California. (Provisional)	None	
A053101	Tier 1	3.0	Fuel Producer: Redfield Energy, LLC (4061); Facility Name: Redfield Energy, LLC (70111); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Redfield, SD; Ethanol transported by Rail to California. (PROV3.0)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05310100	29.36	11/6/2023	None	Ethanol - Cellulosic	Redfield Energy, LLC (4061)	Redfield Energy, LLC (70111)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Redfield, SD; Ethanol transported by Rail to California. (Provisional)	None	
A053102	Tier 1	3.0	Fuel Producer: Redfield Energy, LLC (4061); Facility Name: Redfield Energy, LLC (70111); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Redfield, SD; Ethanol transported by Rail to California; Composite CI. (PROV3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A01450102	68.61	ETH009A05310200	67.95	11/6/2023	None	Ethanol	Redfield Energy, LLC (4061)	Redfield Energy, LLC (70111)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Redfield, SD; Ethanol transported by Rail to California; Composite CI. (Provisional)	None	
A052201	Tier 1	3.0	Fuel Producer: Poet Biorefining - Shell Rock, LLC (1584); Facility Name: Poet Biorefining - Shell Rock (71686); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05220100	73.95	11/17/2023	None	Ethanol	Poet Biorefining - Shell Rock, LLC (1584)	Poet Biorefining - Shell Rock (71686)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052202	Tier 1	3.0	Fuel Producer: Poet Biorefining - Shell Rock, LLC (1584); Facility Name: Poet Biorefining - Shell Rock (71686); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05220200	69.64	11/17/2023	None	Ethanol	Poet Biorefining - Shell Rock, LLC (1584)	Poet Biorefining - Shell Rock (71686)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052203	Tier 1	3.0	Fuel Producer: Poet Biorefining - Shell Rock, LLC (1584); Facility Name: Poet Biorefining - Shell Rock (71686); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05220300	65.44	11/17/2023	None	Ethanol	Poet Biorefining - Shell Rock, LLC (1584)	Poet Biorefining - Shell Rock (71686)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052204	Tier 1	3.0	Fuel Producer: Poet Biorefining - Shell Rock, LLC (1584); Facility Name: Poet Biorefining - Shell Rock (71686); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by proprietary fiber conversion process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05220400	26.04	11/17/2023	None	Ethanol - Cellulosic	Poet Biorefining - Shell Rock, LLC (1584)	Poet Biorefining - Shell Rock (71686)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by proprietary fiber conversion process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Shell Rock, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052501	Tier 1	3.0	Fuel Producer: HEREFORD ETHANOL PARTNERS, LP (1501); Facility Name: HEREFORD ETHANOL PARTNERS, LP (21601); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Corn Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (PROV3.0)	Texas	Corn (009)	Ethanol (ETH)	ETHC248L	67.6	ETH009A05250100	65.34	11/16/2023	None	Ethanol	HEREFORD ETHANOL PARTNERS, LP (1501)	HEREFORD ETHANOL PARTNERS, LP (21601)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Corn Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (Provisional)	None	
A052502	Tier 1	3.0	Fuel Producer: HEREFORD ETHANOL PARTNERS, LP (1501); Facility Name: HEREFORD ETHANOL PARTNERS, LP (21601); Grain Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Sorghum Starch produced in Hereford, Texas; Ethanol transported by rail to California (PROV3.0)	Texas	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A05250200	66.44	11/16/2023	None	Ethanol	HEREFORD ETHANOL PARTNERS, LP (1501)	HEREFORD ETHANOL PARTNERS, LP (21601)	Grain Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Sorghum Starch produced in Hereford, Texas; Ethanol transported by rail to California (Provisional)	None	
A052503	Tier 1	3.0	Fuel Producer: HEREFORD ETHANOL PARTNERS, LP (1501); Facility Name: HEREFORD ETHANOL PARTNERS, LP (21601); Midwest Corn and Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Corn/Sorghum Fiber Ethanol produced in Hereford, Texas using Edeniq conversion method; Ethanol transported by rail to California (PROV3.0)	Texas	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05250300	26.15	11/16/2023	None	Ethanol - Cellulosic	HEREFORD ETHANOL PARTNERS, LP (1501)	HEREFORD ETHANOL PARTNERS, LP (21601)	Midwest Corn and Sorghum, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Corn/Sorghum Fiber Ethanol produced in Hereford, Texas using Edeniq conversion method; Ethanol transported by rail to California (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A052701	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MENLO (1583); Facility Name: MENLO (71685); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05270100	71.98	11/17/2023	None	Ethanol	POET BIOREFINING - MENLO (1583)	MENLO (71685)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052702	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MENLO (1583); Facility Name: MENLO (71685); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05270200	68.33	11/17/2023	None	Ethanol	POET BIOREFINING - MENLO (1583)	MENLO (71685)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052703	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MENLO (1583); Facility Name: MENLO (71685); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05270300	64.40	11/17/2023	None	Ethanol	POET BIOREFINING - MENLO (1583)	MENLO (71685)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052704	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MENLO (1583); Facility Name: MENLO (71685); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by proprietary conversion process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05270400	25.02	11/17/2023	None	Ethanol - Cellulosic	POET BIOREFINING - MENLO (1583)	MENLO (71685)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by proprietary conversion process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Menlo, IA; Ethanol transported by Rail to California. (Provisional)	None	
A053301	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - FAIRBANK (1581); Facility Name: FAIRBANK (71683); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05330100	72.65	11/17/2023	None	Ethanol	POET BIOPROCESSING FAIRBANK (1581)	FAIRBANK (71683)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (Provisional)	None	
A053302	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - FAIRBANK (1581); Facility Name: FAIRBANK (71683); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05330200	69.00	11/17/2023	None	Ethanol	POET BIOPROCESSING FAIRBANK (1581)	FAIRBANK (71683)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (Provisional)	None	
A053303	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - FAIRBANK (1581); Facility Name: FAIRBANK (71683); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05330300	64.38	11/17/2023	None	Ethanol	POET BIOPROCESSING FAIRBANK (1581)	FAIRBANK (71683)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (Provisional)	None	
A053304	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - FAIRBANK (1581); Facility Name: FAIRBANK (71683); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by proprietary fiber conversion process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05330400	24.65	11/17/2023	None	Ethanol - Cellulosic	POET BIOPROCESSING FAIRBANK (1581)	FAIRBANK (71683)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by proprietary fiber conversion process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Fairbank, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052801	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - IOWA FALLS (1582); Facility Name: IOWA FALLS (71684); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05280100	72.60	11/28/2023	None	Ethanol	POET BIOPROCESSING IOWA FALLS (1582)	IOWA FALLS (71684)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052802	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - IOWA FALLS (1582); Facility Name: IOWA FALLS (71684); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05280200	70.11	11/28/2023	None	Ethanol	POET BIOPROCESSING IOWA FALLS (1582)	IOWA FALLS (71684)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052803	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - IOWA FALLS (1582); Facility Name: IOWA FALLS (71684); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05280300	64.89	11/28/2023	None	Ethanol	POET BIOPROCESSING IOWA FALLS (1582)	IOWA FALLS (71684)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (Provisional)	None	
A052804	Tier 1	3.0	Fuel Producer: POET BIOPROCESSING - IOWA FALLS (1582); Facility Name: IOWA FALLS (71684); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by Poet's proprietary Fiber Conversion Process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05280400	24.29	11/28/2023	None	Ethanol - Cellulosic	POET BIOPROCESSING IOWA FALLS (1582)	IOWA FALLS (71684)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by Poet's proprietary Fiber Conversion Process; Natural Gas, Grid Electricity; Corn Fiber Ethanol produced in Iowa Falls, IA; Ethanol transported by Rail to California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B047301	Tier 2	3.0	Fuel Producer: SUNOMA RENEWABLE BIOFUEL, LLC (1781); Facility Name: Sunoma Renewable Biofuel, LLC (F00497); Biogas from dairy manure at Paloma dairy in Gila Bend, AZ; upgraded to pipeline quality at Sunoma Renewable Biofuel, LLC; pipelined to California for transportation use (PROV3.0)	Arizona	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04730100	-386.78	12/4/2023	Application Package	Bio-CNG	SUNOMA RENEWABLE BIOFUEL, LLC (1781)	Sunoma Renewable Biofuel, LLC (F00497)	Biogas from dairy manure at Paloma dairy in Gila Bend, AZ; upgraded to pipeline quality at Sunoma Renewable Biofuel, LLC; pipelined to California for transportation use (Provisional)	None	
B048201	Tier 2	3.0	Fuel Producer: Wyoming Renewable Diesel Company LLC (1440); Facility Name: Wyoming Renewable Diesel Company LLC (82441); North American sourced Animal Fat transported by rail to Renewable Diesel plant in Sinclair Wyoming; Natural Gas, Hydrogen, and Grid Electricity; transported to California by rail (3.0)	Wyoming	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04820100	33.19	12/6/2023	Application Package	Renewable Diesel	Wyoming Renewable Diesel Company LLC (1440)	Wyoming Renewable Diesel Company LLC (82441)	North American sourced Animal Fat transported by rail to Renewable Diesel plant in Sinclair Wyoming; Natural Gas, Hydrogen, and Grid Electricity; transported to California by rail	None	
B049201	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American sourced Canola Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Canola Oil (006)	Renewable Diesel (RND)	None	None	RND006B04920100	54.20	12/6/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American sourced Canola Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049202	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American sourced Distillers' Corn Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B04920200	28.60	12/6/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American sourced Distillers' Corn Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049203	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B04920300	58.00	12/6/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049204	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American and Mexico sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04920400	33.20	12/6/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American and Mexico sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049205	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American and Mexico sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B04920500	20.70	12/6/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American and Mexico sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049206	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American sourced Canola Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Canola Oil (006)	Renewable Naphtha (RNT)	None	None	RNT006B04920600	54.20	12/6/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American sourced Canola Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049207	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American sourced Distillers' Corn Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	None	None	RNT003B04920700	28.60	12/6/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American sourced Distillers' Corn Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049208	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Soybean Oil (005)	Renewable Naphtha (RNT)	None	None	RNT005B04920800	58.00	12/6/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American sourced Soybean Oil transported by rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049209	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American and Mexico sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B04920900	33.20	12/6/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American and Mexico sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	
B049210	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: DIAMOND GREEN DIESEL - PORT ARTHUR (82621); North American and Mexico sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (PROV3.0)	Texas	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B04921000	20.70	12/6/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	DIAMOND GREEN DIESEL - PORT ARTHUR (82621)	North American and Mexico sourced Used Cooking Oil transported by truck and rail to Renewable Diesel plant in Port Arthur Texas; Natural Gas, Hydrogen, and Grid Electricity; transported to California by ocean tanker (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B049501	Tier 2	3.0	Fuel Producer: Jaxon Energy, LLC (6454); Facility Name: Jaxon Energy, LLC (83608); North American sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas and Grid Electricity; transported to California by rail (PROV3.0)	Mississippi	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B04950100	63.29	12/18/2023	Application Package	Renewable Diesel	Jaxon Energy, LLC (6454)	Jaxon Energy, LLC (83608)	North American sourced Animal Fat transported by truck and rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas and Grid Electricity; transported to California by rail (Provisional)	None	
A052601	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Dry DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (PROV3.0)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A05120200	72.75	ETH009A05260100	71.72	12/8/2023	None	Ethanol	Arkalon Ethanol, LLC (6715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (Provisional)	None	
A052602	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Wet DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (PROV3.0)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A05120100	63.8	ETH009A05260200	64.93	12/8/2023	None	Ethanol	Arkalon Ethanol, LLC (6715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (Provisional)	None	
A052603	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Midwest Corn, Dry Mill; Corn/Sorghum Fiber Ethanol produced from the EDENIG process; Natural Gas, and Grid Electricity; Corn/Sorghum Fiber Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (PROV3.0)	Kansas	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05260300	24.31	12/8/2023	None	Ethanol - Cellulosic	Arkalon Ethanol, LLC (6715)	Arkalon Ethanol, LLC (70247)	Midwest Corn, Dry Mill; Corn/Sorghum Fiber Ethanol produced from the EDENIG process; Natural Gas, and Grid Electricity; Corn/Sorghum Fiber Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (Provisional)	None	
A052604	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Sorghum, Dry Mill; Dry DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (PROV3.0)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A05120400	74.66	ETH010A05260400	74.26	12/8/2023	None	Ethanol	Arkalon Ethanol, LLC (6715)	Arkalon Ethanol, LLC (70247)	Sorghum, Dry Mill; Dry DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (Provisional)	None	
A052605	Tier 1	3.0	Fuel Producer: Arkalon Ethanol, LLC (5715); Facility Name: Arkalon Ethanol, LLC (70247); Sorghum, Dry Mill; Wet DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (PROV3.0)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A05120300	65.71	ETH010A05260500	67.47	12/8/2023	None	Ethanol	Arkalon Ethanol, LLC (6715)	Arkalon Ethanol, LLC (70247)	Sorghum, Dry Mill; Wet DGS, Corn Oil, Natural Gas, and Grid Electricity; Starch Ethanol produced in Liberal, KS; Finished fuel transported to California by Rail. (Provisional)	None	
B042401	Tier 2	3.0	Fuel Producer: Air Liquide Hydrogen Energy US LLC (A491); Facility Name: North Las Vegas Liquid Hydrogen Plant (F00371); Liquefied Hydrogen produced in North Las Vegas, Nevada by steam methane reformation (SMR) of fossil-derived Natural Gas; NG, Grid Electricity; Liquid Hydrogen transported in tanker trailers to refueling stations in Northern and Southern California. (PROV3.0)	Nevada	North American NG	Liquid Hydrogen (HYL)	None	None	HYL031B04240100	188.60	12/21/2023	Application Package	Hydrogen	Air Liquide Hydrogen Energy US LLC (A491)	North Las Vegas Liquid Hydrogen Plant (F00371)	Liquefied Hydrogen produced in North Las Vegas, Nevada by steam methane reformation (SMR) of fossil-derived Natural Gas; NG, Grid Electricity; Liquid Hydrogen transported in tanker trailers to refueling stations in Northern and Southern California. (Provisional)	None	
B050101	Tier 2	3.0	Fuel Producer: ARTESIA RENEWABLE DIESEL COMPANY LLC (1646); Facility Name: RENEWABLE DIESEL UNIT (RDU) / PRE-TREATMENT UNIT (PTU) (82381); U.S. sourced Soybean Oil transported by Rail and pre-treated at the Renewable Diesel plant in Artesia, New Mexico; Natural Gas, and Grid Electricity; finished fuel transported to California by Rail. (PROV3.0)	New Mexico	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B05010100	57.67	12/20/2023	Application Package	Renewable Diesel	ARTESIA RENEWABLE DIESEL COMPANY LLC (1646)	RENEWABLE DIESEL UNIT (RDU) / PRE-TREATMENT UNIT (PTU) (82381)	U.S. sourced Soybean Oil transported by Rail and pre-treated at the Renewable Diesel plant in Artesia, New Mexico; Natural Gas, and Grid Electricity; finished fuel transported to California by Rail. (Provisional)	None	
B050102	Tier 2	3.0	Fuel Producer: ARTESIA RENEWABLE DIESEL COMPANY LLC (1646); Facility Name: RENEWABLE DIESEL UNIT (RDU) / PRE-TREATMENT UNIT (PTU) (82381); U.S. sourced Distillers Corn Oil transported by Rail and pre-treated at the Artesia Renewable Diesel plant in Artesia, New Mexico; Natural Gas, and Grid Electricity; finished fuel transported to California by Rail. (PROV3.0)	New Mexico	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B05010200	30.05	12/20/2023	Application Package	Renewable Diesel	ARTESIA RENEWABLE DIESEL COMPANY LLC (1646)	RENEWABLE DIESEL UNIT (RDU) / PRE-TREATMENT UNIT (PTU) (82381)	U.S. sourced Distillers Corn Oil transported by Rail and pre-treated at the Artesia Renewable Diesel plant in Artesia, New Mexico; Natural Gas, and Grid Electricity; finished fuel transported to California by Rail. (Provisional)	None	
B050103	Tier 2	3.0	Fuel Producer: ARTESIA RENEWABLE DIESEL COMPANY LLC (1646); Facility Name: RENEWABLE DIESEL UNIT (RDU) / PRE-TREATMENT UNIT (PTU) (82381); U.S.-sourced Tallow transported by Rail and pre-treated at the Artesia Renewable Diesel plant in Artesia, New Mexico; Natural Gas, and Grid Electricity; finished fuel transported to California by Rail. (PROV3.0)	New Mexico	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B05010300	34.05	12/20/2023	Application Package	Renewable Diesel	ARTESIA RENEWABLE DIESEL COMPANY LLC (1646)	RENEWABLE DIESEL UNIT (RDU) / PRE-TREATMENT UNIT (PTU) (82381)	U.S.-sourced Tallow transported by Rail and pre-treated at the Artesia Renewable Diesel plant in Artesia, New Mexico; Natural Gas, and Grid Electricity; finished fuel transported to California by Rail. (Provisional)	None	
B046101	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: HOLSUM RNG PROJECT (71481); Biogas from dairy manure at Holsum Elm Dairy in Hilbert, WI; upgraded to pipeline quality at HOLSUM RNG PROJECT; pipelined to California for transportation use (PROV3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04610100	-130.23	12/28/2023	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	HOLSUM RNG PROJECT (71481)	Biogas from dairy manure at Holsum Elm Dairy in Hilbert, WI; upgraded to pipeline quality at HOLSUM RNG PROJECT; pipelined to California for transportation use (Provisional)	None	
B046102	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: HOLSUM RNG PROJECT (71481); Biogas from dairy manure at Holsum Irish Dairy in Hilbert, WI; upgraded to pipeline quality at HOLSUM RNG PROJECT; pipelined to California for transportation use (PROV3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04610200	-385.43	12/28/2023	Application Package	Bio-CNG	U.S. Venture, Inc. (5504)	HOLSUM RNG PROJECT (71481)	Biogas from dairy manure at Holsum Irish Dairy in Hilbert, WI; upgraded to pipeline quality at HOLSUM RNG PROJECT; pipelined to California for transportation use (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B045901	Tier 2	3.0	Fuel Producer: Still Water Power, LLC (C1180); Facility Name: Still Water Power, LLC (F00552); Biogas from Dairy Manure at Still Water Dairy in Hanford, CA; upgraded to pipeline quality at Still Water Power, LLC; trucked to pipeline injection and pipelined to CA for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG026B04590100	-332.64	12/29/2023	Application Package	Bio-CNG	Still Water Power, LLC (C1180)	Still Water Power, LLC (F00552)	Biogas from Dairy Manure at Still Water Dairy in Hanford, CA; upgraded to pipeline quality at Still Water Power, LLC; trucked to pipeline injection and pipelined to CA for transportation use	None	
B049001	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: Bar 20 Biogas LLC (F00510); Low-CI electricity from dairy manure biogas using Solid Oxide Fuel Cell generator at Bar 20 Dairy in Kerman, CA for use as a transportation fuel in California (PROV3.0)	California	Dairy Manure (026)	Electricity (ELC)	None	None	ELC026B04900100	-790.41	12/28/2023	Application Package	Electricity	California Bioenergy LLC (B194)	Bar 20 Biogas LLC (F00510)	Low-CI electricity from dairy manure biogas using Solid Oxide Fuel Cell generator at Bar 20 Dairy in Kerman, CA for use as a transportation fuel in California (Provisional)	None	
B049401	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at the Air Liquide North Las Vegas Hydrogen Plant in Las Vegas, NV using Biomethane procured from the Yellow Jacket Lamb RNG Project in Oakfield, NY; finished fuel dispensed at Hydrogen refueling stations in California. (PROV3.0)	Nevada	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B04940100	-158.06	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at the Air Liquide North Las Vegas Hydrogen Plant in Las Vegas, NV using Biomethane procured from the Yellow Jacket Lamb RNG Project in Oakfield, NY; finished fuel dispensed at Hydrogen refueling stations in California. (Provisional)	None	
B049402	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at Air Liquide North Las Vegas Hydrogen Plant using Biomethane procured from the Yellow Jacket Lakeshore RNG Project in Wilson, NY; Finished fuel transported in tanker trailers and dispensed at refueling stations in California. (PROV3.0)	Nevada	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B04940200	-181.75	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at Air Liquide North Las Vegas Hydrogen Plant using Biomethane procured from the Yellow Jacket Lakeshore RNG Project in Wilson, NY; finished fuel transported in tanker trailers and dispensed at refueling stations in California. (Provisional)	None	
B049403	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from the Yellow Jacket Boxer RNG Project in Varysburg, NY; finished fuel transported and dispensed at Hydrogen refueling stations in California. (PROV3.0)	Nevada	Dairy Manure (026)	Liquid Hydrogen (HYL)	None	None	HYL026B04940300	-119.24	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from the Yellow Jacket Boxer RNG Project in Varysburg, NY; finished fuel transported and dispensed at Hydrogen refueling stations in California. (Provisional)	None	
B049404	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from Yellow Jacket Lamb RNG Project in Oakfield, NY; re-gasified & compressed in Livermore, CA; finished fuel transported to refueling stations in California. (PROV3.0)	Nevada	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04940400	-141.61	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from Yellow Jacket Lamb RNG Project in Oakfield, NY; re-gasified & compressed in Livermore, CA; finished fuel transported to refueling stations in California. (Provisional)	None	
B049405	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from Yellow Jacket Lakeshore RNG Project in Oakfield, NY; re-gasified & compressed in Livermore, CA; finished fuel transported to refueling stations. (PROV3.0)	Nevada	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04940500	-165.30	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from Yellow Jacket Lakeshore RNG Project in Oakfield, NY; re-gasified & compressed in Livermore, CA; finished fuel transported to refueling stations. (Provisional)	None	
B049406	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from Yellow Jacket Boxer RNG in Varysburg, NY; re-gasified & compressed in Livermore, CA; finished fuel dispensed at refueling stations in California. (PROV3.0)	Nevada	Dairy Manure (026)	Gaseous Hydrogen (HYG)	None	None	HYG026B04940600	-102.79	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using Biomethane procured from Yellow Jacket Boxer RNG in Varysburg, NY; re-gasified & compressed in Livermore, CA; finished fuel dispensed at refueling stations in California. (Provisional)	None	
B049407	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: AL North Las Vegas Liquid Hydrogen Plant (F00523); Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using N.A. Natural Gas; transported to trans-fill station in Livermore, CA in liquid tankers; re-gasified & compressed; finished fuel dispensed at refueling stations in California. (PROV3.0)	Nevada	North American Fossil NG (031)	Gaseous Hydrogen (HYG)	None	None	HYG031B04940700	205.05	12/29/2023	Application Package	Hydrogen	FirstElement Fuel (E426)	AL North Las Vegas Liquid Hydrogen Plant (F00523)	Liquefied Hydrogen produced at Air Liquide N. Las Vegas Hydrogen Plant using N.A. Natural Gas; transported to trans-fill station in Livermore, CA in liquid tankers; re-gasified & compressed; finished fuel dispensed at refueling stations in California. (Provisional)	None	
B050601	Tier 2	3.0	Fuel Producer: MARTINEZ RENEWABLES LLC (1845); Facility Name: MARTINEZ REFINERY (90001); North American sourced Soybean Oil, pre-treated at various facilities, transported by truck, rail, and barge to Renewable Diesel plant in Martinez, California; Natural Gas and Electricity; fuel produced in California (PROV3.0)	California	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B05060100	62.93	12/26/2023	Application Package	Renewable Diesel	MARTINEZ RENEWABLES LLC (1845)	MARTINEZ REFINERY (90001)	North American sourced Soybean Oil, pre-treated at various facilities, transported by truck, rail, and barge to Renewable Diesel plant in Martinez, California; Natural Gas and Electricity; fuel produced in California (Provisional)	None	
B050602	Tier 2	3.0	Fuel Producer: MARTINEZ RENEWABLES LLC (1845); Facility Name: MARTINEZ REFINERY (90001); North American sourced Canola Oil transported by rail and ocean tanker to Renewable Diesel plant in Martinez, California; Natural Gas and Electricity; fuel produced in California (PROV3.0)	California	Canola Oil (006)	Renewable Diesel (RND)	None	None	RND006B05060200	56.54	12/26/2023	Application Package	Renewable Diesel	MARTINEZ RENEWABLES LLC (1845)	MARTINEZ REFINERY (90001)	North American sourced Canola Oil transported by rail and ocean tanker to Renewable Diesel plant in Martinez, California; Natural Gas and Electricity; fuel produced in California (Provisional)	None	
B050603	Tier 2	3.0	Fuel Producer: MARTINEZ RENEWABLES LLC (1845); Facility Name: MARTINEZ REFINERY (90001); North American sourced Distillers' Corn Oil, pre-treated at various facilities, transported by truck, rail, and barge to Renewable Diesel plant in Martinez, California; Natural Gas and Electricity; fuel produced in California (PROV3.0)	California	Distillers' Corn Oil (003)	Renewable Diesel (RND)	None	None	RND003B05060300	35.24	12/26/2023	Application Package	Renewable Diesel	MARTINEZ RENEWABLES LLC (1845)	MARTINEZ REFINERY (90001)	North American sourced Distillers' Corn Oil, pre-treated at various facilities, transported by truck, rail, and barge to Renewable Diesel plant in Martinez, California; Natural Gas and Electricity; fuel produced in California (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B050604	Tier 2	3.0	Fuel Producer: MARTINEZ RENEWABLES LLC (1845); Facility Name: MARTINEZ REFINERY (90001); North American sourced Used Cooking Oil, pre-treated at various facilities, transported by truck and rail to Renewable Diesel plant in Martinez, California; Natural Gas and Grid Electricity; fuel produced in California (PROV3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B05060400	29.22	12/26/2023	Application Package	Renewable Diesel	MARTINEZ RENEWABLES LLC (1845)	MARTINEZ REFINERY (90001)	North American sourced Used Cooking Oil, pre-treated at various facilities, transported by truck and rail to Renewable Diesel plant in Martinez, California; Natural Gas and Grid Electricity; fuel produced in California (Provisional)	None	
B050605	Tier 2	3.0	Fuel Producer: MARTINEZ RENEWABLES LLC (1845); Facility Name: MARTINEZ REFINERY (90001); North American sourced Animal Fat, pre-treated at various facilities, transported by truck, rail, barge, and ocean tanker to Renewable Diesel plant in Martinez, California; Natural Gas and Grid Electricity; fuel produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B05060500	37.14	12/26/2023	Application Package	Renewable Diesel	MARTINEZ RENEWABLES LLC (1845)	MARTINEZ REFINERY (90001)	North American sourced Animal Fat, pre-treated at various facilities, transported by truck, rail, barge, and ocean tanker to Renewable Diesel plant in Martinez, California; Natural Gas and Grid Electricity; fuel produced in California (Provisional)	None	
B050606	Tier 2	3.0	Fuel Producer: MARTINEZ RENEWABLES LLC (1845); Facility Name: MARTINEZ REFINERY (90001); Globally sourced Animal Fat, pre-treated at various facilities, transported by truck, rail, and ocean tanker to Renewable Diesel plant in Martinez, California; Natural Gas and Grid Electricity; fuel produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B05060600	46.40	12/26/2023	Application Package	Renewable Diesel	MARTINEZ RENEWABLES LLC (1845)	MARTINEZ REFINERY (90001)	Globally sourced Animal Fat, pre-treated at various facilities, transported by truck, rail, and ocean tanker to Renewable Diesel plant in Martinez, California; Natural Gas and Grid Electricity; fuel produced in California (Provisional)	None	
B051401	Tier 2	3.0	Fuel Producer: FM Jerseys Dairy Biogas, LLC (C1178); Facility Name: FM Jerseys Dairy Digester (F00479); Biogas from dairy manure at FM Jerseys Dairy in Tipton, CA; upgraded to pipeline quality at FM Jerseys Dairy Digester; trucked to pipeline injection and pipelined to CA for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	None	None	CNG0026B05140100	-426.46	12/28/2023	Application Package	Bio-CNG	FM Jerseys Dairy Biogas, LLC (C1178)	FM Jerseys Dairy Digester (F00479)	Biogas from dairy manure at FM Jerseys Dairy in Tipton, CA; upgraded to pipeline quality at FM Jerseys Dairy Digester; trucked to pipeline injection and pipelined to CA for transportation use	None	
B052001	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528); Facility Name: Phillips 66 Rodeo (82191); Renewable diesel produced from Argentinian soybean oil transported by ocean tanker to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge (3.0)	California	Soybean Oil (005)	Renewable Diesel (RND)	None	None	RND005B05200100	61.98	12/26/2023	Application Package	Renewable Diesel	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable diesel produced from Argentinian soybean oil transported by ocean tanker to California; natural gas, steam, off gases, grid electricity and hydrogen; distributed in California via barge	None	
B054001	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American sourced canola oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by Ocean Tanker (3.0)	Louisiana	Canola Oil (006)	Renewable Diesel (RND)	None	None	RND006B05400100	55.11	12/29/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American sourced canola oil transported by truck, rail, and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by Ocean Tanker	None	
B054002	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Oceania sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B05400200	29.76	12/29/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Oceania sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054003	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Oceania sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B05400300	46.07	12/29/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Oceania sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054004	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); South American sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B05400400	37.24	12/29/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	South American sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054005	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Asia sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	None	None	RND001B05400500	39.77	12/29/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Asia sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054006	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Asia sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	None	None	RND002B05400600	46.43	12/29/2023	Application Package	Renewable Diesel	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Asia sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054007	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); North American sourced canola oil transported by truck, rail and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by Ocean Tanker (3.0)	Louisiana	Canola Oil (006)	Renewable Naphtha (RNT)	None	None	RNT006B05400700	55.11	12/29/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	North American sourced canola oil transported by truck, rail and barge to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by Ocean Tanker	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B054008	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Oceania sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B05400800	29.76	12/29/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Oceania sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054009	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Oceania sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B05400900	46.07	12/29/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Oceania sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054010	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); South American sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B05401000	37.24	12/29/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	South American sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054011	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Asia sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	None	None	RNT001B05401100	39.77	12/29/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Asia sourced Used Cooking Oil transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
B054012	Tier 2	3.0	Fuel Producer: Diamond Green Diesel Holdings LLC (6072); Facility Name: Diamond Green Diesel LLC (81496); Asia sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	None	None	RNT002B05401200	46.43	12/29/2023	Application Package	Renewable Naphtha	Diamond Green Diesel Holdings LLC (6072)	Diamond Green Diesel LLC (81496)	Asia sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Norco, Louisiana; Natural Gas, Grid Electricity, and Hydrogen; transported to California by ocean tanker	None	
A005001	Tier 1	3.0	Fuel Producer: POET Biorefining - Laddonia (4787); Facility Name: POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023); Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (3.0)	Missouri	Corn (009)	Ethanol (ETH)	ETH009A00500102	71.21	ETH009A00500103	70.13	10/17/2023	None	Ethanol	POET Biorefining - Laddonia (4787)	POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport	2022 AFPR Recert Complete	
A005002	Tier 1	3.0	Fuel Producer: POET Biorefining - Laddonia (4787); Facility Name: POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023); Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (3.0)	Missouri	Corn (009)	Ethanol (ETH)	ETH009A00500202	63.83	ETH009A00500203	63.10	10/17/2023	None	Ethanol	POET Biorefining - Laddonia (4787)	POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport	2022 AFPR Recert Complete	
A005003	Tier 1	3.0	Fuel Producer: POET Biorefining - Laddonia (4787); Facility Name: POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023); Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport (3.0)	Missouri	Corn (009)	Ethanol (ETH)	ETH012A00500302	23.97	ETH012A00500303	23.19	10/17/2023	None	Ethanol	POET Biorefining - Laddonia (4787)	POET BIOREFINING - LADDONIA (MISSOURI ETHANOL, LLC) (70023)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS and Corn Oil using natural gas; a cogeneration unit is used to generate electricity and steam from natural gas; Corn starch and Fiber ethanol produced in Laddonia, MO, using BPX conversion method; Ethanol transport	2022 AFPR Recert Complete	
A005101	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500); Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00510102	70.77	ETH009A00510103	69.15	11/7/2023	None	Ethanol	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005102	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500); Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00510202	30.54	ETH012A00510203	29.19	11/7/2023	None	Ethanol - Cellulosic	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Atlantic, Iowa using Edeniq conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005201	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785); Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00520103	74.36	ETH009A00520104	75.43	11/6/2023	None	Ethanol	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005202	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785); Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00520203	66.04	ETH009A00520204	66.02	11/6/2023	None	Ethanol	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A005203	Tier 1	3.0	Fuel Producer: Poet Biorefining Hanlontown (4785); Facility Name: Poet Biorefining Hanlontown (70010); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00520303	26.29	ETH012A00520304	26.30	11/6/2023	None	Ethanol - Cellulosic	Poet Biorefining Hanlontown (4785)	Poet Biorefining Hanlontown (70010)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hanlontown, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005301	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786); Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00530103	72.85	ETH009A00530104	73.25	10/20/2023	None	Ethanol	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005302	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786) ; Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00530203	65.95	ETH009A00530204	66.39	10/20/2023	None	Ethanol	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005303	Tier 1	3.0	Fuel Producer: Poet Biorefining Jewell (4786) ; Facility Name: Poet Biorefining Jewell (70014); Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00530303	25.98	ETH012A00530304	26.35	10/20/2023	None	Ethanol - Cellulosic	Poet Biorefining Jewell (4786)	Poet Biorefining Jewell (70014)	Midwest Corn, Dry Mill, Wet and Dry DGS using natural gas and electricity; Starch ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Jewell Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005501	Tier 1	3.0	Fuel Producer: POET Biorefining - Glenville (4779); Facility Name: POET BIOREFINING - GLENVILLE (AGRA RESOURC (70020); Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A00550101	77.66	ETH009A00550102	77.57	10/17/2023	None	Ethanol	POET Biorefining - Glenville (4779)	POET BIOREFINING - GLENVILLE (AGRA RESOURC (70020)	Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005502	Tier 1	3.0	Fuel Producer: POET Biorefining - Glenville (4779); Facility Name: POET BIOREFINING - GLENVILLE (AGRA RESOURC (70020); Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A00550201	69.88	ETH009A00550202	69.86	10/17/2023	None	Ethanol	POET Biorefining - Glenville (4779)	POET BIOREFINING - GLENVILLE (AGRA RESOURC (70020)	Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005503	Tier 1	3.0	Fuel Producer: POET Biorefining - Glenville (4779); Facility Name: POET BIOREFINING - GLENVILLE (AGRA RESOURC (70020); Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00550301	29.92	ETH012A00550302	30.11	10/17/2023	None	Ethanol - Cellulosic	POET Biorefining - Glenville (4779)	POET BIOREFINING - GLENVILLE (AGRA RESOURC (70020)	 Midwest Corn, Dry Mill, Dry, Wet DGS and Corn Oil using natural gas and grid electricity; Starch and Fiber ethanol produced from Corn using BPX process along with Syrup, Corn Oil in Albert Lea MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005601	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00560102	73.89	ETH009A00560103	73.50	10/23/2023	None	Ethanol	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005602	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00560202	67.49	ETH009A00560203	66.85	10/23/2023	None	Ethanol	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005603	Tier 1	3.0	Fuel Producer: POET Biorefining - Coon Rapids (4783); Facility Name: POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00560302	28.27	ETH012A00560303	27.47	10/23/2023	None	Ethanol - Cellulosic	POET Biorefining - Coon Rapids (4783)	POET BIOREFINING - COON RAPIDS (TALL CORN ETHANOL, LLC) (70031)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Coon Rapids, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005801	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A00580102	73.74	ETH009A00580103	78.77	10/23/2023	None	Ethanol	POET Biorefining - Bingham Lake (4780)	POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A005802	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A00580202	68.00	ETH009A00580203	68.77	10/23/2023	None	Ethanol	POET Biorefining - Bingham Lake (4780)	POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A005803	Tier 1	3.0	Fuel Producer: POET Biorefining - Bingham Lake (4780) ; Facility Name: POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California (3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00580302	28.21	ETH012A00580303	29.07	10/23/2023	None	Ethanol - Cellulosic	POET Biorefining - Bingham Lake (4780)	POET BIOREFINING - BINGHAM LAKE (ETHANOL 2000, LLP) (70026)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Bingham Lake, MN using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006001	Tier 1	3.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00600102	76.01	ETH009A00600103	74.07	10/17/2023	None	Ethanol	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006002	Tier 1	3.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00600202	66.53	ETH009A00600203	64.20	10/17/2023	None	Ethanol	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006003	Tier 1	3.0	Fuel Producer: Poet Biorefining Emmetsburg (4792); Facility Name: Poet Biorefining Emmetsburg (70021); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00600302	26.40	ETH012A00600303	24.45	10/17/2023	None	Ethanol - Cellulosic	Poet Biorefining Emmetsburg (4792)	Poet Biorefining Emmetsburg (70021)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Emmetsburg, Iowa using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006101	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791); Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00610102	75.21	ETH009A00610103	74.60	10/23/2023	None	Ethanol	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006102	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791); Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00610202	65.67	ETH009A00610203	64.82	10/23/2023	None	Ethanol	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006103	Tier 1	3.0	Fuel Producer: Poet Biorefining Hudson (4791); Facility Name: Poet Biorefining Hudson (70022); Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California (3.0)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00610302	26.04	ETH012A00610303	25.35	10/23/2023	None	Ethanol - Cellulosic	Poet Biorefining Hudson (4791)	Poet Biorefining Hudson (70022)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Hudson, SD, using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006201	Tier 1	3.0	Fuel Producer: Poet Biorefining Mitchell (4789); Facility Name: Poet Biorefining Mitchell (70016); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00620101	74.47	ETH009A00620102	73.69	10/17/2023	None	Ethanol	Poet Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006202	Tier 1	3.0	Fuel Producer: Poet Biorefining Mitchell (4789) ; Facility Name: Poet Biorefining Mitchell (70016); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A00620201	67.18	ETH009A00620202	65.82	10/17/2023	None	Ethanol	Poet Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006203	Tier 1	3.0	Fuel Producer: Poet Biorefining Mitchell (4789); Facility Name: Poet Biorefining Mitchell (70016); Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California (3.0)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A00620301	27.03	ETH012A00620302	25.91	10/17/2023	None	Ethanol - Cellulosic	Poet Biorefining Mitchell (4789)	Poet Biorefining Mitchell (70016)	Midwest Corn, Dry Mill, Dry and Wet DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Mitchell, SD using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006401	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784); Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00640102	72.37	ETH009A00640103	72.70	11/7/2023	None	Ethanol	POET Biorefining - Gowrie (4784)	POET Biorefining - Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A006402	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784); Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A00640202	64.75	ETH009A00640203	64.56	11/7/2023	None	Ethanol	POET Biorefining - Gowrie (4784)	POET Biorefining - Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A006403	Tier 1	3.0	Fuel Producer: POET Biorefining - Gowrie (4784); Facility Name: POET Biorefining - Gowrie (70033); Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA using BPX conversion method; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A00640302	24.60	ETH012A00640303	24.25	11/7/2023	None	Ethanol - Cellulosic	POET Biorefining - Gowrie (4784)	POET Biorefining - Gowrie (70033)	Midwest Corn, Dry Mill, Dry DGS, Wet DGS, Modified DGS, Syrup, and Corn Oil using natural gas and grid electricity; Corn starch and Fiber ethanol produced in Gowrie, IA using BPX conversion method; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A008301	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Soybean Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Soybean Oil (005)	Biodiesel (BIO)	BIO005A00830100	53.68	BIO005A00830102	54.50	12/4/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Soybean Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	2022 AFPR Recert Complete	
A008302	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Canola Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Canola Oil (006)	Biodiesel (BIO)	BIO006A00830200	48.49	BIO006A00830201	49.00	12/4/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Canola Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	2022 AFPR Recert Complete	
A008304	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A00830401	18.00	BIO001A00830402	18.00	12/6/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	2022 AFPR Recert Complete	
A008305	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Non-Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A00830501	13.00	BIO001A00830502	13.00	12/6/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Non-Rendered Used Cooking Oil; Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	2022 AFPR Recert Complete	
A008306	Tier 1	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); U.S. sourced Tallow (Animal Fats); Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California (3.0)	Minnesota	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A00830601	29.25	BIO002A00830602	29.25	12/6/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	U.S. sourced Tallow (Animal Fats); Natural Gas, Steam, and Grid Electricity; Biodiesel produced in Glenville, Minnesota and transported by rail to California	2022 AFPR Recert Complete	
A008601	Tier 1	3.0	Fuel Producer: Bridgeport Ethanol, LLC 5934; Facility Name: Bridgeport Ethanol, LLC 70217; Midwest Corn, Dry Mill, Wet DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Bridgeport, Nebraska; Ethanol transported by rail to California (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A00860101	63.00	ETH009A00860102	63.66	11/7/2023	None	Ethanol	Bridgeport Ethanol, LLC 5934	Bridgeport Ethanol, LLC 70217	Midwest Corn, Dry Mill, Wet DGS and Corn Oil using natural gas and grid electricity; Corn starch ethanol produced in Bridgeport, Nebraska; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A008801	Tier 1	3.0	Fuel Producer: Yuma Ethanol, LLC (4735); Facility Name: Yuma Ethanol, LLC (70024); Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural Gas and grid electricity; Corn starch Ethanol produced in Yuma, Colorado; Ethanol transported by rail to California (3.0)	Colorado	Corn (009)	Ethanol (ETH)	ETH009A00880101	64.00	ETH009A00880102	63.52	11/7/2023	None	Ethanol	Yuma Ethanol, LLC (4735)	Yuma Ethanol, LLC (70024)	Midwest Corn, Dry Mill, Wet DGS; Corn Oil and Syrup using natural Gas and grid electricity; Corn starch Ethanol produced in Yuma, Colorado; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A010001	Tier 1	3.0	Fuel Producer: The Andersons Marathon Holdings LLC (1143); Facility Name: DENISON ETHANOL PLANT (70884); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01000100	71.62	ETH009A01000101	72.26	11/7/2023	None	Ethanol	The Andersons Marathon Holdings LLC (1143)	DENISON ETHANOL PLANT (70884)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	2022 AFPR Recert Complete	
A010002	Tier 1	3.0	Fuel Producer: The Andersons Marathon Holdings LLC (1143); Facility Name: DENISON ETHANOL PLANT (70884); Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A01000201	67.11	ETH009A01000202	67.12	11/7/2023	None	Ethanol	The Andersons Marathon Holdings LLC (1143)	DENISON ETHANOL PLANT (70884)	Midwest Corn, Dry Mill, Dry and Modified DGS; Corn Oil and Syrup using natural gas and grid electricity; Corn starch Ethanol is produced in Denison, Iowa; Ethanol is transported by rail to California	2022 AFPR Recert Complete	
A009501	Tier 1	3.0	Fuel Producer: CEFARI RNG OKC, LLC (2220); Facility Name: CEFARI RNG OKC, LLC (70101); Landfill gas processes at CEFARI facility from Southwest Oklahoma City, Oklahoma to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California (3.0)	Oklahoma	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A00950101	49.80	CNG025A00950102	52.00	11/14/2023	None	Bio-CNG	CEFARI RNG OKC, LLC (2220)	CEFARI RNG OKC, LLC (70101)	Landfill gas processes at CEFARI facility from Southwest Oklahoma City, Oklahoma to pipeline-quality biomethane; delivered via pipeline to CNG Stations in California	2022 AFPR Recert Complete	
A010501	Tier 1	3.0	Fuel Producer: Dansuk Industrial Co., Ltd (5953); Facility Name: Pyeongtaek 2 (80202); South Korea and Asian sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pyeongtaek, South Korea; Biodiesel transported by rail to California by ocean tanker (3.0)	South Korea	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A01050101	25.00	BIO001A01050102	25.28	11/6/2023	None	Biodiesel	Dansuk Industrial Co., Ltd (5953)	Pyeongtaek 2 (80202)	South Korea and Asian sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pyeongtaek, South Korea; Biodiesel transported by rail to California by ocean tanker	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A011001	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Ameresco Woodland Meadows Romulus, LLC (A0833); Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane, delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona, and transported by truck and re-gasified to L-CNG in California (3.0)	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A01100101	48.21	CNG025A01100102	46.33	11/6/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	Ameresco Woodland Meadows Romulus, LLC (A0833)	Woodland Meadows landfill gas from Wayne, Michigan to pipeline-quality biomethane, delivered via pipeline to CNG stations in California; liquefied to LNG in Topock, Arizona, and transported by truck and re-gasified to L-CNG in California	2022 AFPR Recert Complete	
A011501	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Ameresco San Antonio Biogas (71204); Biomethane generated at the SAWS Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane via pipeline to CNG stations; Delivered via pipeline to California; Dispensed as CNG fuel (3.0)	Texas	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A01150101	36.77	CNG030A01150102	36.73	11/3/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Ameresco San Antonio Biogas (71204)	Biomethane generated at the SAWS Dos Rios Water Recycling Center; upgraded to pipeline-quality biomethane in San Antonio, Texas; Delivered via pipeline to California; Dispensed as CNG fuel	2022 AFPR Recert Complete	
B001901	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Open Sky (F00007); Low-CI Electricity sourced from Dairy Manure Biogas using reciprocating engine in Open Sky Ranch, Riverdale, California; Electricity use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Electricity (ELC)	ELC026B00190100	-352.89	ELC026B00190101	-364.41	11/13/2023	None	Electricity	CleanFuture, Inc. (C1001)	Open Sky (F00007)	Low-CI Electricity sourced from Dairy Manure Biogas using reciprocating engine in Open Sky Ranch, Riverdale, California; Electricity use as transportation fuel in California	2022 AFPR Recert Complete	
A012701	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A01270103	28.29	ETH012A01270104	27.92	11/7/2023	None	Ethanol - Cellulosic	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012702	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A01270203	77.34	ETH009A01270204	77.70	11/7/2023	None	Ethanol	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012703	Tier 1	3.0	Fuel Producer: POET Biorefining - Preston (4790); Facility Name: POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A01270303	68.22	ETH009A01270304	67.61	11/7/2023	None	Ethanol	POET Biorefining - Preston (4790)	POET BIOREFINING - PRESTON (PRO-CORN LLC) (70056)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Preston, MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012801	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794); Facility Name: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A01280102	75.31	ETH009A01280103	75.28	10/17/2023	None	Ethanol	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794)	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012802	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794); Facility Name: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A01280202	68.32	ETH009A01280203	67.59	10/17/2023	None	Ethanol	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794)	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012803	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794); Facility Name: POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California (3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A01280302	28.66	ETH012A01280303	28.18	10/17/2023	None	Ethanol - Cellulosic	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (4794)	POET BIOREFINING - LAKE CRYSTAL (NORTHSTAR ETHANOL, LLC) (70072)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Lake Crystal, MN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012901	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (3.0)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01290101	73.48	ETH009A01290102	73.58	11/7/2023	None	Ethanol	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012902	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (3.0)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01290201	66.73	ETH009A01290202	67.04	11/7/2023	None	Ethanol	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A012903	Tier 1	3.0	Fuel Producer: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728); Facility Name: POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California (3.0)	Ohio	Corn Fiber (012)	Ethanol (ETH)	ETH012A01290301	27.01	ETH012A01290302	27.13	11/7/2023	None	Ethanol - Cellulosic	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (5728)	POET BIOREFINING - LEIPSIC (SUMMIT ETHANOL, LLC) (70265)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Leipsic, Ohio; Ethanol transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A013001	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01300101	72.10	ETH009A01300102	72.00	11/7/2023	None	Ethanol	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A013002	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01300201	65.09	ETH009A01300202	64.54	11/7/2023	None	Ethanol	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A013003	Tier 1	3.0	Fuel Producer: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513); Facility Name: POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California (3.0)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A01300301	25.09	ETH012A01300302	24.63	11/7/2023	None	Ethanol - Cellulosic	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (7513)	POET BIOREFINING - N MANCHESTER (N MANCHESTER ETHANOL, LLC) (70322)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Starch Ethanol produced in North Manchester, Indiana; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A013102	Tier 1	3.0	Fuel Producer: REG Mason City, LLC (6130); Facility Name: REG Mason City, LLC (82968); U.S. sourced Canola Oil transported by truck; Natural Gas and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California (3.0)	Iowa	Canola Oil (006)	Biodiesel (BIO)	BIO006A01310202	50.11	BIO006A01310203	50.75	10/30/2023	None	Biodiesel	REG Mason City, LLC (6130)	REG Mason City, LLC (82968)	U.S. sourced Canola Oil transported by truck; Natural and Grid Electricity; Biodiesel produced in Mason City, Iowa and transported by rail to California	2022 AFPR Recert Complete	
A013501	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883); Biodiesel produced from U.S.-sourced Animal Fat; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California (3.0)	Oklahoma	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A01350102	31.65	BIO002A01350103	31.65	12/11/2023	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883)	Biodiesel produced from U.S.-sourced Animal Fat; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	2022 AFPR Recert Complete	
A013502	Tier 1	3.0	Fuel Producer: High Plains Bioenergy (4846) ; Facility Name: High Plains Bioenergy (82883); Biodiesel produced from Midwest Soybean Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California (3.0)	Oklahoma	Soybean Oil (005)	Biodiesel (BIO)	BIO005A01350200	55.82	BIO005A01350201	55.82	12/11/2023	None	Biodiesel	High Plains Bioenergy (4846)	High Plains Bioenergy (82883)	Biodiesel produced from Midwest Soybean Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	2022 AFPR Recert Complete	
A013503	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883); Biodiesel produced from U.S.-sourced Used Cooking Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California (3.0)	Oklahoma	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A01350300	20.68	BIO001A01350301	20.68	12/11/2023	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883)	Biodiesel produced from U.S.-sourced Used Cooking Oil; Natural Gas, Electricity; Biodiesel produced in Guymon, Oklahoma, transported by rail to California	2022 AFPR Recert Complete	
A013901	Tier 1	3.0	Fuel Producer: Midwest Renewable Energy (5214); Facility Name: Midwest Renewable Energy (70160); Midwest Corn, Dry Mill, Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sutherland, Nebraska; Ethanol transported by rail to California (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A01390102	65.76	ETH009A01390103	65.20	12/21/2023	None	Ethanol	Midwest Renewable Energy (5214)	Midwest Renewable Energy (70160)	Midwest Corn, Dry Mill, Wet DGS, Corn Oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Sutherland, Nebraska; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A014101	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441); Midwest Corn Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California (3.0)	Missouri	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A01410102	27.16	BIO003A01410103	27.78	10/31/2023	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441)	Midwest Corn Oil; Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	2022 AFPR Recert Complete	
A014102	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846); Facility Name: Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441); Rendered Tallow (animal and poultry fat); Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California (3.0)	Missouri	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A01410202	32.08	BIO002A01410203	31.88	10/31/2023	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4846)	Seaboard Energy Missouri, LLC (formerly known as HPB - St. Joe Biodiesel LLC) (80441)	Rendered Tallow (animal and poultry fat); Biodiesel produced in St. Joe, Missouri; Biodiesel transported by rail to California	2022 AFPR Recert Complete	
A014601	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California (3.0)	Michigan	Corn (009)	Ethanol (ETH)	ETH009A01460101	72.29	ETH009A01460102	72.48	10/23/2023	None	Ethanol	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California	2022 AFPR Recert Complete	
A014602	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California (3.0)	Michigan	Corn (009)	Ethanol (ETH)	ETH009A01460201	66.61	ETH009A01460202	66.75	10/23/2023	None	Ethanol	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Caro, Michigan and transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A014603	Tier 1	3.0	Fuel Producer: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781); Facility Name: POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Caro, Michigan and transported by rail to California (3.0)	Michigan	Corn Fiber (012)	Ethanol (ETH)	ETH012A01460301	27.03	ETH012A01460302	27.27	10/23/2023	None	Ethanol - Cellulosic	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (4781)	POET BIOREFINING - CARO (MICHIGAN ETHANOL, LLC) (70028)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Caro, Michigan and transported by rail to California	2022 AFPR Recert Complete	
A015001	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01500101	74.03	ETH009A01500102	73.74	11/13/2023	None	Ethanol	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015002	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01500201	67.28	ETH009A01500202	66.96	11/13/2023	None	Ethanol	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Biogas, and Grid Electricity; Starch Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015003	Tier 1	3.0	Fuel Producer: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819); Facility Name: POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Biogas, and Grid Electricity; Fiber Ethanol produced in Alexandria, IN; Ethanol transported by rail to California (3.0)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A01500301	27.19	ETH012A01500302	26.95	11/13/2023	None	Ethanol - Cellulosic	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (5819)	POET BIOREFINING - ALEXANDRIA (ULTIMATE ETHANOL, LLC) (70298)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Biogas, and Grid Electricity; Fiber Ethanol produced in Alexandria, IN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015101	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064); Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN then transported by rail to California (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01510101	73.56	ETH009A01510102	73.60	10/23/2023	None	Ethanol	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN then transported by rail to California	2022 AFPR Recert Complete	
A015103	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064); Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Portland, IN; Ethanol transported by rail to California (3.0)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A01510301	26.17	ETH012A01510302	26.30	10/23/2023	None	Ethanol - Cellulosic	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Portland, IN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015201	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (3.0)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01520101	72.75	ETH009A01520102	72.34	11/13/2023	None	Ethanol	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015202	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (3.0)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A01520201	65.82	ETH009A01520202	65.13	11/13/2023	None	Ethanol	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015203	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518); Facility Name: POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Fostoria, OH; Ethanol transported by rail to California (3.0)	Ohio	Corn Fiber (012)	Ethanol (ETH)	ETH012A01520301	25.89	ETH012A01520302	26.01	11/13/2023	None	Ethanol - Cellulosic	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (7518)	POET BIOREFINING - FOSTORIA (FOSTORIA ETHANOL, LLC) (70323)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas and Grid Electricity; Fiber Ethanol produced in Fostoria, OH; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015401	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline; Compression to CNG stations in California (3.0)	Kentucky	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A01540102	54.69	CNG025A01540103	55.00	12/11/2023	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline; Compression to CNG stations in California	2022 AFPR Recert Complete	
A015402	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California LNG stations (3.0)	Kentucky	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A01540202	72.09	LNG025A01540203	73.15	12/11/2023	None	Bio-LNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California LNG stations	2022 AFPR Recert Complete	
A015403	Tier 1	3.0	Fuel Producer: WM Renewable Energy, LLC (W978); Facility Name: Outer Loop High Btu Gas Plant (71316); Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California; Re-gasified and compressed to L-CNG (3.0)	Kentucky	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A01540302	75.18	LCN025A01540303	76.24	12/11/2023	None	Bio-CNG	WM Renewable Energy, LLC (W978)	Outer Loop High Btu Gas Plant (71316)	Louisville Landfill gas (KY) to pipeline-quality biomethane; Delivered via pipeline to liquefaction facility in Topock AZ; Transported by truck to California; Re-gasified and compressed to L-CNG	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A015102	Tier 1	3.0	Fuel Producer: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064); Facility Name: POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN; Ethanol transported by rail to California (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A01510201	66.14	ETH009A01510202	66.24	10/23/2023	None	Ethanol	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (4064)	POET BIOREFINING - PORTLAND (PREMIER ETHANOL, LLC) (70108)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Portland, IN; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A015601	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Ninety-First Avenue Renewable Biogas LLC (70241); Digester Gas generated at the 91st Ave WWTP, upgraded to pipeline-quality biomethane in Tolleson, Arizona; Delivered via pipeline to California; Dispensed as CNG fuel (3.0)	Arizona	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A01560100	26.58	CNG030A01560101	26.35	10/27/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Ninety-First Avenue Renewable Biogas LLC (70241)	Digester Gas generated at the 91st Ave WWTP, upgraded to pipeline-quality biomethane in Tolleson, Arizona; Delivered via pipeline to California; Dispensed as CNG fuel	2022 AFPR Recert Complete	
A016901	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Ninety-First Avenue Renewable Biogas LLC (70241); Digester Gas generated at the 91st Ave WWTP, upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to LNG stations in California. (3.0)	Arizona	Wastewater Sludge (030)	Liquefied Natural Gas (LNG)	LNG030A01690100	41.58	LNG030A01690101	42.61	11/20/2023	None	Bio-LNG	Anew RNG, LLC (5877)	Ninety-First Avenue Renewable Biogas LLC (70241)	Digester Gas generated at the 91st Ave WWTP, upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to LNG stations in California.	2022 AFPR Recert Complete	
A016902	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Ninety-First Avenue Renewable Biogas LLC (70241); Digester Gas generated at the 91st Ave WWTP, upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to California; re-gasified and dispensed as (3.0)	Arizona	Wastewater Sludge (030)	Liquefied Compressed Natural Gas (LCN)	LCN030A01690200	44.67	LCN030A01690201	45.70	11/20/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Ninety-First Avenue Renewable Biogas LLC (70241)	Digester Gas generated at the 91st Ave WWTP, upgraded to pipeline-quality biomethane in Tolleson, Arizona; delivered via pipeline to liquefaction facility in Topock, Arizona; liquefied, and transported by truck to California; re-gasified and dispensed as	2022 AFPR Recert Complete	
A017101	Tier 1	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Fair Oaks Upgrader, LLC (71001); Renewable Natural Gas (RNG) from Dairy and Swine Manure at the Site 3 digester, upgraded to RNG at Renewable Dairy Fuels (RDF) in Fair Oaks, Indiana; RNG pipelined to Bakersfield, California (3.0)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026A01710100	-329.76	CNG026A01710101	-185.00	10/25/2023	None	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Fair Oaks Upgrader, LLC (71001)	Renewable Natural Gas (RNG) from Dairy and Swine Manure at the Site 3 digester, upgraded to RNG at Renewable Dairy Fuels (RDF) in Fair Oaks, Indiana; RNG pipelined to Bakersfield, California	2022 AFPR Recert Complete	
A017401	Tier 1	3.0	Fuel Producer: Nebraska Corn Processing (3516); Facility Name: Nebraska Corn Processing LLC (70230); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Cambridge, Nebraska; Ethanol transported by rail to California (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A01740100	65.77	ETH009A01740101	65.55	10/17/2023	None	Ethanol	Nebraska Corn Processing (3516)	Nebraska Corn Processing LLC (70230)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Grid Electricity; Starch Ethanol produced in Cambridge, Nebraska; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A019501	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: GSF Energy, LLC – McCarty Road LFG Recovery Facility (F00060); Landfill Gas generated at the McCarty Road Landfill; upgraded to pipeline-quality biomethane in Houston, Texas; Delivered via pipeline to California; Dispensed as CNG fuel (3.0)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A01950101	44.78	CNG025A01950102	46.75	11/6/2023	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	GSF Energy, LLC – McCarty Road LFG Recovery Facility (F00060)	Landfill Gas generated at the McCarty Road Landfill; upgraded to pipeline-quality biomethane in Houston, Texas; Delivered via pipeline to California; Dispensed as CNG fuel	2022 AFPR Recert Complete	
B005901	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: ABEC Bidart-Old River LLC (F00113); Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California. (3.0)	California	Dairy Manure (026)	Electricity (ELC)	ELC026B00590102	-568.21	ELC026B00590103	-613.23	11/14/2023	None	Electricity	California Bioenergy LLC (B194)	ABEC Bidart-Old River LLC (F00113)	Low-CI electricity from dairy manure biogas using reciprocating engine at ABEC Bidart-Old River in Bakersfield, California for use as transportation fuel in California.	2022 AFPR Recert Complete	
A020001	Tier 1	3.0	Fuel Producer: GHI Energy, LLC (6156); Facility Name: Waste Management American Landfill (70421); Biomethane from WM American Landfill in Waynesburg, Ohio; Upgrading at the co-located upgrading facility; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel. (3.0)	Ohio	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02000101	37.64	CNG025A02000102	37.59	11/6/2023	None	Bio-CNG	GHI Energy, LLC (6156)	Waste Management American Landfill (70421)	Biomethane from WM American Landfill in Waynesburg, Ohio; Upgrading at the co-located upgrading facility; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel.	2022 AFPR Recert Complete	
A020101	Tier 1	3.0	Fuel Producer: Thumb BioEnergy (03862); Facility Name: Thumb BioEnergy (03862); Used Cooking Oil (zero rendering energy) transported by truck to Biodiesel plant in Sandusky, MI; Natural Gas and Electricity; Biodiesel transported to California By Rail (3.0)	Michigan	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02010100	15.80	BIO001A02010101	15.14	10/31/2023	None	Biodiesel	Thumb BioEnergy (3862)	Thumb BioEnergy (03862)	Used Cooking Oil (zero rendering energy) transported by truck to Biodiesel plant in Sandusky, MI; Natural Gas and Electricity; Biodiesel transported to California By Rail	2022 AFPR Recert Complete	
A020701	Tier 1	3.0	Fuel Producer: MEM RNG, LLC (2141); Facility Name: Blue Ridge Landfill, LLC (F00132); Biomethane from Blue Ridge Landfill in Fresno, Texas; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel (3.0)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02070100	38.07	CNG025A02070101	36.38	11/17/2023	None	Bio-CNG	MEM RNG, LLC (2141)	Blue Ridge Landfill, LLC (F00132)	Biomethane from Blue Ridge Landfill in Fresno, Texas; Pipelined to California for compression to CNG; Delivered and dispensed as CNG in California for the use in transportation fuel	2022 AFPR Recert Complete	
A021201	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO; Ethanol transported by rail to California (3.0)	Missouri	Corn (009)	Ethanol (ETH)	ETH009A02120102	75.47	ETH009A02120103	74.18	10/24/2023	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO; Ethanol transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A021202	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO ; Ethanol transported by rail to California (3.0)	Missouri	Corn (009)	Ethanol (ETH)	ETH009A02120201	64.95	ETH009A02120202	64.00	10/24/2023	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Macon, MO ; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A021203	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788); Facility Name: POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017); Midwest Corn, Dry Mill; Fiber ethanol produced using BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Macon, MO; Ethanol transported by rail to California (3.0)	Missouri	Corn Fiber (012)	Ethanol (ETH)	ETH012A02120301	25.32	ETH012A02120302	24.65	10/24/2023	None	Ethanol	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (4788)	POET BIOREFINING - MACON (NORTHEAST MISSOURI GRAIN, LLC) (70017)	Midwest Corn, Dry Mill; Fiber ethanol produced using BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Macon, MO; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A021301	Tier 1	3.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727); Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill; Dry DGS, Modified, and Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity, Biomethane, and Biomass; Starch Ethanol produced in Chancellor, SD; Ethanol transported by rail to California, Composite CI (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02130101	61.55	ETH009A02130102	61.85	11/13/2023	None	Ethanol	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill; Dry DGS, Modified, and Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity, Biomethane, and Biomass; Starch Ethanol produced in Chancellor, SD; Ethanol transported by rail to California, Composite CI	2022 AFPR Recert Complete	
A021302	Tier 1	3.0	Fuel Producer: POET Biorefining - Chancellor, LLC (4727); Facility Name: POET Biorefining - Chancellor, LLC (70012); Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity, Biomethane, Biomass; Fiber Ethanol produced in Chancellor, South Dakota; Ethanol transported by rail to California (3.0)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A02130203	21.93	ETH012A02130204	22.00	11/13/2023	None	Ethanol - Cellulosic	POET Biorefining - Chancellor, LLC (4727)	POET Biorefining - Chancellor, LLC (70012)	Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity, Biomethane, Biomass; Fiber Ethanol produced in Chancellor, South Dakota; Ethanol transported by rail to California	2022 AFPR Recert Complete	
B008002	Tier 2	3.0	Fuel Producer: Bridge To Renewables, Benefit LLC (C1006); Facility Name: Blake's Landing Farms (F00019); Low-CI electricity from dairy manure and creamery wastewater biogas using reciprocating engine at Blake's Landing Farm in Marshall, California and for use as transportation fuel in California; Composite CI (3.0)	California	Other Organic Waste (029)	Electricity (ELC)	ELC029B00800201	-221.76	ELC029B00800202	-346.47	12/11/2023	None	Electricity	Bridge To Renewables, Benefit LLC (C1006)	Blake's Landing Farms (F00019)	Low-CI electricity from dairy manure and creamery wastewater biogas using reciprocating engine at Blake's Landing Farm in Marshall, California and for use as transportation fuel in California; Composite CI	2022 AFPR Recert Complete	
A022401	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02240102	73.00	ETH009A02240103	73.85	12/12/2023	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A022402	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02240202	68.00	ETH009A02240203	67.75	12/12/2023	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A022403	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02240301	64.13	ETH009A02240302	66.00	12/12/2023	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A022404	Tier 1	3.0	Fuel Producer: LSCP, LLC (4728); Facility Name: LSCP, LLC (70015); Midwest Corn, Dry Mill; Fiber ethanol from Edniq Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A02240402	26.00	ETH012A02240403	26.00	12/12/2023	None	Ethanol	LSCP, LLC (4728)	LSCP, LLC (70015)	Midwest Corn, Dry Mill; Fiber ethanol from Edniq Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
B009801	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure of Circle A digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00980101	-401.33	CNG026B00980102	-419.92	10/25/2023	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure of Circle A digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California	2022 AFPR Recert Complete	
B009802	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure of Robert Vander Eyk & Sons Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00980201	-402.07	CNG026B00980202	-418.16	10/25/2023	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure of Robert Vander Eyk & Sons Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California	2022 AFPR Recert Complete	
B009803	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Renewable Natural Gas (RNG) produced from Dairy Manure of Legacy Ranch digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00980300	-192.49	CNG026B00980301	-420.09	10/25/2023	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Renewable Natural Gas (RNG) produced from Dairy Manure of Legacy Ranch digester, upgraded at Calgren Biofuels LLC in Pixley, California; RNG pipelined to Fresno and West Sacramento, California for use as transportation fuel in California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B009804	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure of Cornerstone Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00980400	-323.10	CNG026B00980401	-419.74	10/25/2023	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure of Cornerstone Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California	2022 AFPR Recert Complete	
B009805	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure at J&J Vanderpool Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00980501	-304.08	CNG026B00980502	-419.77	10/25/2023	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure at J&J Vanderpool Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California	2022 AFPR Recert Complete	
B009806	Tier 2	3.0	Fuel Producer: Calgren Dairy Fuels, LLC (C1007); Facility Name: Calgren Dairy Fuels, LLC (F00029); Biomethane produced from Dairy Manure at J&J Vanderpool Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B00980601	-279.38	CNG026B00980602	-227.28	10/25/2023	None	Bio-CNG	Calgren Dairy Fuels, LLC (C1007)	Calgren Dairy Fuels, LLC (F00029)	Biomethane produced from Dairy Manure at J&J Vanderpool Dairy digester, upgraded at Calgren Biofuels LLC in Pixley, California; pipelined to Fresno and West Sacramento, California, compressed to CNG for use as transportation fuel in California	2022 AFPR Recert Complete	
A023301	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill in Lawrence, KS; upgrading at Renewable Power Producers, LLC; pipelined to California for compression to CNG (3.0)	Kansas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02330102	47.10	CNG025A02330103	45.13	11/17/2023	None	Bio-CNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill in Lawrence, KS; upgrading at Renewable Power Producers, LLC; pipelined to California for compression to CNG	2022 AFPR Recert Complete	
B002401	Tier 2	3.0	Fuel Producer: CleanFuture, Inc. (C1001); Facility Name: Coronado Dairy Farm (F00009); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Coronado Dairy in Tipton, California for use as transportation fuel in California (3.0)	California	Dairy Manure (026)	Electricity (ELC)	ELC026B00240100	-525.14	ELC026B00240101	-760.21	11/13/2023	None	Electricity	CleanFuture, Inc. (C1001)	Coronado Dairy Farm (F00009)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Coronado Dairy in Tipton, California for use as transportation fuel in California	2022 AFPR Recert Complete	
A024501	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02450103	73.16	ETH009A02450104	73.27	10/18/2023	None	Ethanol	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A024502	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A02450203	64.79	ETH009A02450204	65.00	10/18/2023	None	Ethanol	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A024503	Tier 1	3.0	Fuel Producer: POET Biorefining - Ashton (4782); Facility Name: POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California (3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A02450303	24.71	ETH012A02450304	25.42	10/18/2023	None	Ethanol - Cellulosic	POET Biorefining - Ashton (4782)	POET BIOREFINING - ASHTON (OTTER CREEK ETHANOL, LLC) (70032)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ashton, Iowa; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A024201	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to California for compression to CNG (3.0)	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02420102	57.00	CNG025A02420104	60.50	11/28/2023	None	Bio-CNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A024202	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California LNG stations (3.0)	Tennessee	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02420201	63.35	LNG025A02420203	76.47	11/28/2023	None	Bio-LNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California LNG stations	2022 AFPR Recert Complete	
A024203	Tier 1	3.0	Fuel Producer: CERF SHELBY LLC (6228); Facility Name: CERF SHELBY LLC (71163); Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (3.0)	Tennessee	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02420301	66.44	LCN025A02420303	79.55	11/28/2023	None	Bio-CNG	CERF SHELBY LLC (6228)	CERF SHELBY LLC (71163)	Biomethane from Landfill at Millington, Tennessee upgrading at CERF Shelby LLC, pipelined to Clean Energy Boron for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	2022 AFPR Recert Complete	
A024601	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (3.0)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A02460101	76.22	ETH009A02460102	73.94	10/24/2023	None	Ethanol	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A024602	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (3.0)	Ohio	Corn (009)	Ethanol (ETH)	ETH009A02460201	68.53	ETH009A02460202	66.40	10/24/2023	None	Ethanol	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A024603	Tier 1	3.0	Fuel Producer: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525); Facility Name: POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327); Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California (3.0)	Ohio	Corn Fiber (012)	Ethanol (ETH)	ETH012A02460302	28.47	ETH012A02460303	26.48	10/24/2023	None	Ethanol - Cellulosic	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (7525)	POET BIOREFINING - MARION (MARION ETHANOL, LLC) (70327)	Midwest Corn, Dry Mill; Fiber ethanol from BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, Ohio; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A024701	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896); Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill at 5011 Lilley Rd. Canton, MI 48188 upgrading at Canton Renewables, LLC, pipelined to California for compression to CNG (3.0)	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02470102	48.20	CNG025A02470104	50.00	11/28/2023	None	Bio-CNG	CANTON RENEWABLES, LLC (5896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill at 5011 Lilley Rd. Canton, MI 48188 upgrading at Canton Renewables, LLC, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A024702	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896); Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California LNG stations (3.0)	Michigan	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02470200	62.68	LNG025A02470201	58.89	11/28/2023	None	Bio-LNG	CANTON RENEWABLES, LLC (5896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California LNG stations	2022 AFPR Recert Complete	
A024703	Tier 1	3.0	Fuel Producer: CANTON RENEWABLES, LLC (5896); Facility Name: CANTON RENEWABLES, LLC (71041); Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (3.0)	Michigan	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02470300	65.77	LCN025A02470301	61.98	11/28/2023	None	Bio-CNG	CANTON RENEWABLES, LLC (5896)	CANTON RENEWABLES, LLC (71041)	Biomethane from Landfill in Canton, Michigan, upgrading at Canton Renewables, pipelined to Clean Energy Boron California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	2022 AFPR Recert Complete	
A024901	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Huron Energy, LLC (70722); Midwest Corn, Dry Mill; Dry DGS DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02490102	76.29	ETH009A02490103	76.56	10/24/2023	None	Ethanol	Glacial Lakes Corn Processors (4764)	Huron Energy, LLC (70722)	Midwest Corn, Dry Mill; Dry DGS DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI	2022 AFPR Recert Complete	
A024902	Tier 1	3.0	Fuel Producer: Glacial Lakes Corn Processors (4764); Facility Name: Huron Energy, LLC (70722); Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A02490201	68.82	ETH009A02490202	68.67	10/24/2023	None	Ethanol	Glacial Lakes Corn Processors (4764)	Huron Energy, LLC (70722)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Huron, SD; Ethanol transported by rail to California, Composite CI	2022 AFPR Recert Complete	
A025901	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (83730); U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (3.0)	Tennessee	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A02590102	37.49	BIO003A02590103	36.92	11/1/2023	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (83730)	U.S sourced Corn Oil from DGS; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California	2022 AFPR Recert Complete	
A025902	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (83730); U.S sourced Soybean Oil; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (3.0)	Tennessee	Soybean Oil (005)	Biodiesel (BIO)	BIO005A02590202	66.85	BIO005A02590203	67.83	11/1/2023	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (83730)	U.S sourced Soybean Oil; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California	2022 AFPR Recert Complete	
A025903	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (83730); U.S sourced Rendered Tallow; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (3.0)	Tennessee	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A02590302	42.58	BIO002A02590303	41.61	11/1/2023	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (83730)	U.S sourced Rendered Tallow; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California	2022 AFPR Recert Complete	
A025904	Tier 1	3.0	Fuel Producer: Bioenergy Development Group LLC (3785); Facility Name: Bioenergy Development Group, LLC (83730); U.S sourced Rendered UCO; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California (3.0)	Tennessee	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02590400	31.60	BIO001A02590401	29.54	11/1/2023	None	Biodiesel	Bioenergy Development Group LLC (3785)	Bioenergy Development Group, LLC (83730)	U.S sourced Rendered UCO; Natural Gas and Grid Electricity; Biodiesel produced in Memphis, Tennessee and transported by rail to California	2022 AFPR Recert Complete	
A027401	Tier 1	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Renovar Arlington, LTD RNG Project (70501); Digester Gas generated at the Village Creek Water Reclamation Facility, Euless, Texas; upgraded to pipeline-quality biomethane in Texas; delivered via pipeline to CNG stations in California (3.0)	Texas	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A02740102	41.71	CNG030A02740103	41.23	10/27/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	Renovar Arlington, LTD RNG Project (70501)	Digester Gas generated at the Village Creek Water Reclamation Facility, Euless, Texas; upgraded to pipeline-quality biomethane in Texas; delivered via pipeline to CNG stations in California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A027901	Tier 1	3.0	Fuel Producer: FutureFuel Chemical Company (4664); Facility Name: FutureFuel Chemical Company (62612); Midwest Corn Oil transported by truck and rail to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (3.0)	Arkansas	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003A02790101	33.53	BIO003A02790102	34.29	11/2/2023	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (62612)	Midwest Corn Oil transported by truck and rail to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California	2022 AFPR Recert Complete	
A027902	Tier 1	3.0	Fuel Producer: FutureFuel Chemical Company (4664); Facility Name: FutureFuel Chemical Company (62612); US-sourced Used Cooking Oil transported by truck to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California (3.0)	Arkansas	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02790202	26.13	BIO001A02790203	26.62	11/2/2023	None	Biodiesel	FutureFuel Chemical Company (4664)	FutureFuel Chemical Company (62612)	US-sourced Used Cooking Oil transported by truck to biodiesel plant in Batesville, Arkansas; Biodiesel transported by rail to California	2022 AFPR Recert Complete	
A028201	Tier 1	3.0	Fuel Producer: Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4648); Facility Name: Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883); Rendered Animal Fat Oil transported by truck to biodiesel plant in Guymon, Oklahoma; biodiesel is then transferred to California By Rail (3.0)	Oklahoma	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A02820102	24.60	BIO002A02820103	24.60	12/11/2023	None	Biodiesel	Seaboard Energy, LLC (formerly known as High Plains Bioenergy) (4648)	Seaboard Energy Oklahoma, LLC (formerly known as High Plains Bioenergy) (82883)	Rendered Animal Fat Oil transported by truck to biodiesel plant in Guymon, Oklahoma; biodiesel is then transferred to California By Rail	2022 AFPR Recert Complete	
A028905	Tier 1	3.0	Fuel Producer: REG Danville, LLC (3723); Facility Name: REG Danville, LLC (80216); U.S. sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Danville, Illinois; Natural Gas and Electricity; Biodiesel then transported to California By Rail. (3.0)	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02890500	21.50	BIO001A02890501	21.60	10/31/2023	None	Biodiesel	REG Danville, LLC (3723)	REG Danville, LLC (80216)	U.S. sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Danville, Illinois; Natural Gas and Electricity; Biodiesel then transported to California By Rail.	2022 AFPR Recert Complete	
A029002	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); Soybean Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail. (3.0)	Illinois	Soybean Oil (005)	Biodiesel (BIO)	BIO005A02900201	58.00	BIO005A02900202	57.50	12/4/2023	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	Soybean Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail.	2022 AFPR Recert Complete	
A029004	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S. sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail. (3.0)	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02900400	20.75	BIO001A02900401	21.25	11/8/2023	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S. sourced Used Cooking Oil transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	2022 AFPR Recert Complete	
A029005	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S. sourced Used Cooking Oil, zero rendering energy, transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail (3.0)	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02900500	16.25	BIO001A02900501	16.50	11/8/2023	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S. sourced Used Cooking Oil, zero rendering energy, transported by truck and rail to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; then to California by rail	2022 AFPR Recert Complete	
A029006	Tier 1	3.0	Fuel Producer: REG Seneca, LLC (3652); Facility Name: REG Seneca, LLC (80232); U.S. sourced Used Cooking Oil, transported locally by truck to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail. (3.0)	Illinois	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02900601	22.00	BIO001A02900602	23.50	12/4/2023	None	Biodiesel	REG Seneca, LLC (3652)	REG Seneca, LLC (80232)	U.S. sourced Used Cooking Oil, transported locally by truck to Biodiesel plant in Seneca, Illinois; Natural Gas and Electricity; biodiesel fuel then transported to California by rail.	2022 AFPR Recert Complete	
B013302	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RND003B01330200	32.50	RND003B01330202	32.50	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B013303	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RND001B01330300	25.50	RND001B01330302	25.50	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B013304	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RND001B01330400	20.00	RND001B01330402	20.00	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B013305	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Diesel (RND)	RND001B01330500	26.00	RND001B01330502	26.00	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B013307	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RND002B01330700	37.00	RND002B01330702	37.00	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B013308	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RND002B01330800	38.00	RND002B01330802	38.00	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B013309	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable diesel produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RND002B01330900	43.00	RND002B01330902	43.00	11/20/2023	None	Renewable Diesel	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable diesel produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable diesel produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
A029501	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); Rendered Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations. (3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02950101	22.03	BIO001A02950102	22.52	11/2/2023	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Rendered Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	2022 AFPR Recert Complete	
A029502	Tier 1	3.0	Fuel Producer: Imperial Western Products (9871); Facility Name: Imperial Western Products (81066); Raw Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California for on-site rendering; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations. (3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A02950201	16.71	BIO001A02950202	16.80	11/2/2023	None	Biodiesel	Imperial Western Products (9871)	Imperial Western Products (81066)	Raw Used Cooking Oil sourced from surrounding states, transported by truck to Biodiesel plant in Coachella, California for on-site rendering; Natural Gas and Grid Electricity; Biodiesel transported by trucks to California refueling stations.	2022 AFPR Recert Complete	
A029701	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (3.0)	Kansas	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02970102	60.50	LNG025A02970103	52.93	11/16/2023	None	Bio-LNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations	2022 AFPR Recert Complete	
A029702	Tier 1	3.0	Fuel Producer: RENEWABLE POWER PRODUCERS, LLC (6504); Facility Name: RENEWABLE POWER PRODUCERS, LLC (71289); Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (3.0)	Kansas	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02970201	63.59	LCN025A02970202	56.01	11/16/2023	None	Bio-CNG	RENEWABLE POWER PRODUCERS, LLC (6504)	RENEWABLE POWER PRODUCERS, LLC (71289)	Biomethane from Landfill at Lawrence, Kansas, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	2022 AFPR Recert Complete	
A029801	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to California for compression to CNG (3.0)	Washington	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02980101	28.80	CNG025A02980102	29.30	11/28/2023	None	Bio-CNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A029802	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations (3.0)	Washington	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A02980201	42.58	LNG025A02980202	38.46	11/28/2023	None	Bio-LNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California LNG stations	2022 AFPR Recert Complete	
A029803	Tier 1	3.0	Fuel Producer: PUGET SOUND ENERGY (6055); Facility Name: CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109); Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (3.0)	Washington	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A02980301	45.67	LCN025A02980302	41.55	11/28/2023	None	Bio-CNG	PUGET SOUND ENERGY (6055)	CEDAR HILLS LANDFILL RECOVERY GAS PROJECT (71109)	Biomethane from Cedar Hills Landfill at Maple Valley, Washington upgrading at Puget Sound Energy, pipelined to Clean Energy Boron, California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	2022 AFPR Recert Complete	
A027601	Tier 1	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Meadow Branch Landfill Gas Processing Facility (71252); Biomethane from landfill gas generated in Athens, Tennessee; upgraded at Meadow Branch Landfill Gas Processing Facility, pipelined to California, and dispensed as CNG fuel (3.0)	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02760100	47.41	CNG025A02760101	45.83	11/6/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Meadow Branch Landfill Gas Processing Facility (71252)	Biomethane from landfill gas generated in Athens, Tennessee; upgraded at Meadow Branch Landfill Gas Processing Facility, pipelined to California, and dispensed as CNG fuel	2022 AFPR Recert Complete	
A030601	Tier 1	3.0	Fuel Producer: MONROEVILLE LFG, LLC (6317); Facility Name: MONROEVILLE LFG, LLC (71136); Biomethane from Monroeville Landfill in Monroeville, PA, upgrading at Monroeville LFG, LLC, pipelined to California for compression to CNG (3.0)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03060101	42.85	CNG025A03060102	43.27	11/17/2023	None	Bio-CNG	MONROEVILLE LFG, LLC (6317)	MONROEVILLE LFG, LLC (71136)	Biomethane from Monroeville Landfill in Monroeville, PA, upgrading at Monroeville LFG, LLC, pipelined to California for compression to CNG	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A029101	Tier 1	3.0	Fuel Producer: Morrow Renewables, LLC (C1224); Facility Name: Pine Hill Renewables, LLC (71288); Biomethane from Pine Hill Landfill at Kilgore, Texas , upgrading at Pine Hill Renewables, pipelined to California for compression to CNG (3.0)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A02910100	34.17	CNG025A02910101	35.12	11/14/2023	None	Bio-CNG	Morrow Renewables, LLC (C1224)	Pine Hill Renewables, LLC (71288)	Biomethane from Pine Hill Landfill at Kilgore, Texas , upgrading at Pine Hill Renewables, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A030201	Tier 1	3.0	Fuel Producer: Morrow Renewables, LLC (C1224); Facility Name: Melissa Renewables, LLC (71407); Biomethane from Melissa Landfill at Melissa, Texas, upgrading at Melissa Renewables, pipelined to California for compression to CNG (3.0)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03020100	34.00	CNG025A03020101	34.04	11/14/2023	None	Bio-CNG	Morrow Renewables, LLC (C1224)	Melissa Renewables, LLC (71407)	Biomethane from Melissa Landfill at Melissa, Texas, upgrading at Melissa Renewables, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A030401	Tier 1	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: Point Loma Digester Gas Project (F00027); Point Loma WWTP digester gas, upgraded to pipeline quality utilizing mainly only onsite produced power from biogas powered engines, injected into the pipeline and dispensed in California. (3.0)	California	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A03040102	38.91	CNG030A03040103	48.72	10/27/2023	None	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	Point Loma Digester Gas Project (F00027)	Point Loma WWTP digester gas, upgraded to pipeline quality utilizing mainly only onsite produced power from biogas powered engines, injected into the pipeline and dispensed in California.	2022 AFPR Recert Complete	
B014301	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Valley View Farm (70021S); Renewable Natural Gas (RNG) from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California locations (3.0)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B01430101	-432.11	CNG044B01430102	-429.14	11/3/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Valley View Farm (70021S)	Renewable Natural Gas (RNG) from Swine Manure of Valley View Farms, Greencastle, Missouri; transported by truck to pipeline injection point; delivered via pipeline to Los Angeles, California and central California locations	2022 AFPR Recert Complete	
A030901	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Fiber Ethanol Production Using Soliton Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A03090101	24.84	ETH012A03090102	24.86	10/18/2023	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Fiber Ethanol Production Using Soliton Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A030902	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A03090201	72.02	ETH009A03090202	71.85	10/18/2023	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A030903	Tier 1	3.0	Fuel Producer: Highwater Ethanol, LLC (3303); Facility Name: Highwater Ethanol, LLC (70235); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A03090300	68.76	ETH009A03090301	68.28	10/18/2023	None	Ethanol	Highwater Ethanol, LLC (3303)	Highwater Ethanol, LLC (70235)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A031001	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, upgrading at River Birch, LLC, pipelined to California for compression to CNG (3.0)	Louisiana	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03100100	41.18	CNG025A03100101	41.37	11/28/2023	None	Bio-CNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, upgrading at River Birch, LLC, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A031002	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California LNG stations (3.0)	Louisiana	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A03100201	55.55	LNG025A03100202	50.02	11/28/2023	None	Bio-LNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California LNG stations	2022 AFPR Recert Complete	
A031003	Tier 1	3.0	Fuel Producer: River Birch, LLC (C1065); Facility Name: River Birch Landfill (F00278); Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (3.0)	Louisiana	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A03100301	58.64	LCN025A03100302	53.11	11/28/2023	None	Bio-CNG	River Birch, LLC (C1065)	River Birch Landfill (F00278)	Biomethane from River Birch Landfill in Avondale, Louisiana and Jefferson Parish Landfill in Westwego, Louisiana, pipelined to Clean Energy Boron in California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG	2022 AFPR Recert Complete	
A031201	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); Midwest Soybean Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production (3.0)	California	Soybean Oil (005)	Biodiesel (BIO)	BIO005A03120101	63.92	BIO005A03120102	63.92	11/8/2023	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	Midwest Soybean Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	2022 AFPR Recert Complete	
A031202	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); Canola Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production (3.0)	California	Canola Oil (006)	Biodiesel (BIO)	BIO006A03120201	59.19	BIO006A03120202	59.19	11/8/2023	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	Canola Oil transported by truck and rail to Biodiesel plant in Stockton, California for biodiesel production	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A031204	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Stockton, California, for biodiesel production. (3.0)	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A03120401	38.49	BIO002A03120402	38.49	11/8/2023	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	US sourced Rendered Animal Fat Oil transported by rail to Biodiesel plant in Stockton, California, for biodiesel production.	2022 AFPR Recert Complete	
A031205	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); CA sourced Rendered Animal and Poultry Fat Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production (3.0)	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A03120501	39.35	BIO002A03120502	39.35	11/8/2023	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	CA sourced Rendered Animal and Poultry Fat Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	2022 AFPR Recert Complete	
A031206	Tier 1	3.0	Fuel Producer: Canary Renewables Corp. (C1201); Facility Name: Canary Renewables Corp. Port of Stockton (82728); US sourced Used Cooking Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production (3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A03120601	26.60	BIO001A03120602	26.60	11/8/2023	None	Biodiesel	Canary Renewables Corp. (C1201)	Canary Renewables Corp. Port of Stockton (82728)	US sourced Used Cooking Oil transported by truck to Biodiesel plant in Stockton, California, for biodiesel production	2022 AFPR Recert Complete	
B016601	Tier 2	3.0	Fuel Producer: SMUD (S338); Facility Name: New Hope Dairy Digester (F00255); Low-CI electricity from dairy manure biogas using a reciprocating engine at New Hope Dairy in Galt, CA for use as a transportation fuel in California. (3.0)	California	Dairy Manure (026)	Electricity (ELC)	ELC026B01660100	-750.81	ELC026B01660101	-752.17	10/11/2023	None	Electricity	SMUD (S338)	New Hope Dairy Digester (F00255)	Low-CI electricity from dairy manure biogas using a reciprocating engine at New Hope Dairy in Galt, CA for use as a transportation fuel in California.	2022 AFPR Recert Complete	
A033001	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03300101	73.79	ETH009A03300102	73.76	11/13/2023	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A033002	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03300200	63.46	ETH009A03300201	62.43	11/13/2023	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A033003	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAPPA Ethanol Ravenna LLC; Midwest Corn, Dry Mill; Fiber ethanol using Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California. (3.0)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A03300300	25.32	ETH012A03300301	24.72	11/13/2023	None	Ethanol - Cellulosic	KAAPA Ethanol Holdings LLC (4805)	KAPPA Ethanol Ravenna LLC	Midwest Corn, Dry Mill; Fiber ethanol using Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Ravenna, Nebraska; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A033201	Tier 1	3.0	Fuel Producer: Usina São Martinho S.A. (3867); Facility Name: Usina São Martinho S.A. (71100); Ethanol produced from Sugarcane Juice and Molasses in Brazil, and transported to California by Ocean Tanker. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH018A03320100	50.99	ETH018A03320101	52.31	10/24/2023	None	Ethanol	Usina São Martinho S.A. (3867)	Usina São Martinho S.A. (71100)	Ethanol produced from Sugarcane Juice and Molasses in Brazil, and transported to California by Ocean Tanker.	2022 AFPR Recert Complete	
A033301	Tier 1	3.0	Fuel Producer: Usina São Martinho S.A. (3867); Facility Name: Santa Cruz S/A Açúcar e Alcool (70484); Ethanol produced from Sugarcane Juice and Molasses from Brazil, and transported to California by Ocean Tanker. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH018A03330100	50.06	ETH018A03330101	50.36	10/25/2023	None	Ethanol	Usina São Martinho S.A. (3867)	Santa Cruz S/A Açúcar e Alcool (70484)	Ethanol produced from Sugarcane Juice and Molasses from Brazil, and transported to California by Ocean Tanker.	2022 AFPR Recert Complete	
A025201	Tier 1	3.0	Fuel Producer: Companhia Alcoolquímica Nacional (C1086); Facility Name: Companhia Alcoolquímica Nacional (F00194); Ethanol from sugarcane juice and molasses, produced in NE Brazil, exported to California via ocean tanker, with co-product credit for export of surplus cogenerated electricity. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH018A02520100	56.50	ETH018A02520101	58.50	11/13/2023	None	Ethanol	Companhia Alcoolquímica Nacional (C1086)	Companhia Alcoolquímica Nacional (F00194)	Ethanol from sugarcane juice and molasses, produced in NE Brazil, exported to California via ocean tanker, with co-product credit for export of surplus cogenerated electricity.	2022 AFPR Recert Complete	
B017201	Tier 2	3.0	Fuel Producer: Aemetis Advanced Fuels Keyes, Inc. (3566); Facility Name: Aemetis Advanced Fuels Keyes, Inc. (70234); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Dairy Manure Biogas, Grid Electricity; Starch Ethanol produced in California; Composite CI (3.0)	California	Corn (009)	Ethanol (ETH)	ETH009B01720100	65.68	ETH009B01720101	64.07	11/27/2023	None	Ethanol	Aemetis Advanced Fuels Keyes, Inc. (3566)	Aemetis Advanced Fuels Keyes, Inc. (70234)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas and Dairy Manure Biogas, Grid Electricity; Starch Ethanol produced in California; Composite CI	2022 AFPR Recert Complete	
B017301	Tier 2	3.0	Fuel Producer: DF-AP #1, LLC (C1122); Facility Name: Big Sky Dairy Digester (F00329); Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Big Sky Dairy in Gooding, Idaho for use as transportation fuel in California (3.0)	Idaho	Dairy Manure (026)	Electricity (ELC)	ELC026B01730101	-548.10	ELC026B01730102	-506.69	10/11/2023	None	Electricity	DF-AP #1, LLC (C1122)	Big Sky Dairy Digester (F00329)	Low-CI Electricity from Dairy Manure Biogas using reciprocating engine at Big Sky Dairy in Gooding, Idaho for use as transportation fuel in California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A034501	Tier 1	3.0	Fuel Producer: WESTSIDE GAS PRODUCERS, LLC (6218); Facility Name: WESTSIDE GAS PRODUCERS, LLC (71151); Biomethane from Westside Landfill at Three River, Michigan upgrading at Westside Gas Producers LLC, pipelined to California for compression to CNG. (3.0)	Michigan	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03450101	53.05	CNG025A03450102	60.00	11/28/2023	None	Bio-CNG	WESTSIDE GAS PRODUCERS, LLC (6218)	WESTSIDE GAS PRODUCERS, LLC (71151)	Biomethane from Westside Landfill at Three River, Michigan upgrading at Westside Gas Producers LLC, pipelined to California for compression to CNG.	2022 AFPR Recert Complete	
A034801	Tier 1	3.0	Fuel Producer: Delek Renewables, LLC (5998); Facility Name: Delek Renewables Cieburne Biodiesel Plant (81398); U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail (3.0)	Texas	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A03480101	31.95	BIO002A03480102	31.97	11/8/2023	None	Biodiesel	Delek Renewables, LLC (5998)	Delek Renewables Cieburne Biodiesel Plant (81398)	U.S Sourced Rendered Animal Fat Oil transported by truck to Biodiesel plant in Texas; Natural Gas and Grid Electricity; Biodiesel transported to California By Rail	2022 AFPR Recert Complete	
A035101	Tier 1	3.0	Fuel Producer: E Energy Adams, LLC (4831); Facility Name: E energy Adams, LLC (70093); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Adams, Nebraska; Ethanol transported by rail to California Composite CI. (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03510101	67.49	ETH009A03510102	68.01	11/27/2023	None	Ethanol	E Energy Adams, LLC (4831)	E energy Adams, LLC (70093)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Adams, Nebraska; Ethanol transported by rail to California Composite CI.	2022 AFPR Recert Complete	
A035301	Tier 1	3.0	Fuel Producer: South Platte Renew (8380); Facility Name: 2900 SOUTH PLATTE RIVER DRIVE PROJECT (70641); Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge in Colorado; grid electricity; compressed and transported to California via pipeline; dispensed as CNG for transportation fuel. (3.0)	Colorado	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A03530100	52.36	CNG030A03530101	46.66	11/14/2023	None	Bio-CNG	South Platte Renew (8380)	2900 SOUTH PLATTE RIVER DRIVE PROJECT (70641)	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge in Colorado; grid electricity; compressed and transported to California via pipeline; dispensed as CNG for transportation fuel.	2022 AFPR Recert Complete	
A036101	Tier 1	3.0	Fuel Producer: POET BIOREFINING - SHELBYVILLE (8841); Facility Name: Poet Biorefining - Shelbyville (20621); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A03610100	70.52	ETH009A03610101	69.86	11/27/2023	None	Ethanol	POET BIOREFINING - SHELBYVILLE (8841)	Poet Biorefining - Shelbyville (20621)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A036102	Tier 1	3.0	Fuel Producer: POET BIOREFINING - SHELBYVILLE (8841); Facility Name: Poet Biorefining - Shelbyville (20621); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (3.0)	Indiana	Corn (009)	Ethanol (ETH)	ETH009A03610200	63.38	ETH009A03610201	62.96	11/27/2023	None	Ethanol	POET BIOREFINING - SHELBYVILLE (8841)	Poet Biorefining - Shelbyville (20621)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A036103	Tier 1	3.0	Fuel Producer: POET BIOREFINING - SHELBYVILLE (8841); Facility Name: Poet Biorefining - Shelbyville (20621); Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California. (3.0)	Indiana	Corn Fiber (012)	Ethanol (ETH)	ETH012A03610300	23.59	ETH012A03610301	23.24	11/27/2023	None	Ethanol	POET BIOREFINING - SHELBYVILLE (8841)	Poet Biorefining - Shelbyville (20621)	Midwest Corn, Dry Mill; Fiber ethanol BPX Fiber Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Shelbyville, IN; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A036701	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN; upgrading at South Shelby RNG, LLC, pipelined to California for compression to CNG (3.0)	Tennessee	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03670100	49.53	CNG025A03670101	51.45	11/20/2023	None	Bio-CNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN; upgrading at South Shelby RNG, LLC, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
A036702	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG (3.0)	Tennessee	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A03670201	63.18	LNG025A03670202	58.99	11/20/2023	None	Bio-LNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California LNG stations	2022 AFPR Recert Complete	
A036703	Tier 1	3.0	Fuel Producer: SOUTH SHELBY RNG, LLC (1236); Facility Name: South Shelby RNG, LLC (71241); Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG (3.0)	Tennessee	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A03670301	66.26	LCN025A03670302	62.07	11/20/2023	None	Bio-CNG	SOUTH SHELBY RNG, LLC (1236)	South Shelby RNG, LLC (71241)	Biomethane from Landfill at Memphis, TN, pipelined to Clean Energy Boron LNG Plant for liquefaction to LNG; trucked to California CNG stations; regasified, and compressed to L-CNG	2022 AFPR Recert Complete	
B018501	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #8 LLC dba S&S Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01850101	-294.20	CNG026B01850102	-271.24	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #8 LLC dba S&S Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use	2022 AFPR Recert Complete	
B018502	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #8 LLC dba Moonlight Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01850201	-366.51	CNG026B01850202	-282.99	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #8 LLC dba Moonlight Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B018503	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Renewable Natural Gas (RNG) from Dairy Manure of ABEC #15 LLC dba Hamstra Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01850300	-382.11	CNG026B01850301	-401.96	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Renewable Natural Gas (RNG) from Dairy Manure of ABEC #15 LLC dba Hamstra Dairy Biogas and upgraded at CalBioGas West in Tulare, CA; RNG pipelined to California for transportation use	2022 AFPR Recert Complete	
A037501	Tier 1	3.0	Fuel Producer: BLUE SOURCE LLC (6086); Facility Name: Seabreeze Energy Producers (70281); Biomethane from Landfill in Angleton, Texas upgrading at Seabreeze Energy Producers, pipelined to California for compression to CNG (3.0)	Texas	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A03750101	38.37	CNG025A03750102	41.43	11/6/2023	None	Bio-CNG	BLUE SOURCE LLC (6086)	Seabreeze Energy Producers (70281)	Biomethane from Landfill in Angleton, Texas upgrading at Seabreeze Energy Producers, pipelined to California for compression to CNG	2022 AFPR Recert Complete	
B018701	Tier 2	3.0	Fuel Producer: Dry Creek RNG LLC (C1098); Facility Name: Dry Creek RNG Project (F00342); Biogas from Dairy Manure at Dry Creek Dairy and Southside Dairy in Hansen, Idaho; Upgraded biomethane pipelined to California for transportation use (3.0)	Idaho	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01870101	-421.53	CNG026B01870102	-421.46	10/30/2023	None	Bio-CNG	Dry Creek RNG LLC (C1098)	Dry Creek RNG Project (F00342)	Biogas from Dairy Manure at Dry Creek Dairy and Southside Dairy in Hansen, Idaho; Upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
A037801	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Midwest Corn, Dry Mill; Natural Gas, Grid Electricity; Corn and Sorghum Fiber Ethanol produced in Plainview, Texas via Edeniq Process; Ethanol transported by rail to California (3.0)	Texas	Corn Fiber (012)	Ethanol (ETH)	ETH012A03780100	25.36	ETH012A03780101	24.89	11/27/2023	None	Ethanol - Cellulosic	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Midwest Corn, Dry Mill; Natural Gas, Grid Electricity; Corn and Sorghum Fiber Ethanol produced in Plainview, Texas via Edeniq Process; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A037802	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Midwest Corn, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (3.0)	Texas	Corn (009)	Ethanol (ETH)	ETH009A03780200	66.38	ETH009A03780201	65.58	11/27/2023	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Midwest Corn, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A037803	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Local Sorghum, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (3.0)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A03780301	66.40	ETH010A03780302	66.40	11/27/2023	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Local Sorghum, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A037804	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Midwest Corn, Dry Mill; Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (3.0)	Texas	Corn (009)	Ethanol (ETH)	ETH009A03780400	73.91	ETH009A03780401	73.91	11/27/2023	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (White Energy) (70039)	Midwest Corn, Dry Mill; Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A037805	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: Plainview BioEnergy, LLC (White Energy) (70039); Local Sorghum, Dry Mill; Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California (3.0)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A03780502	74.69	ETH010A03780503	74.69	11/27/2023	None	Ethanol	White Energy, Inc. (4745)	Plainview BioEnergy, LLC (70039)	Local Sorghum, Dry Mill; Dry DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Plainview, Texas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A037901	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (3.0)	Texas	Corn Fiber (012)	Ethanol (ETH)	ETH012A03790100	23.13	ETH012A03790101	23.13	11/27/2023	None	Ethanol - Cellulosic	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Dry Mill; Fiber ethanol; Natural Gas, Grid Electricity; Fiber Ethanol produced in Hereford, Texas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A037902	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Midwest Corn, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (3.0)	Texas	Corn (009)	Ethanol (ETH)	ETH009A03790200	63.93	ETH009A03790201	63.93	11/27/2023	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Midwest Corn, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A037903	Tier 1	3.0	Fuel Producer: White Energy, Inc. (4745); Facility Name: WE Hereford, LLC (70037); Local Sorghum, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California (3.0)	Texas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A03790301	65.92	ETH010A03790302	65.92	11/27/2023	None	Ethanol	White Energy, Inc. (4745)	WE Hereford, LLC (70037)	Local Sorghum, Dry Mill; Wet DGS; Natural Gas, Grid Electricity; Starch Ethanol produced in Hereford, Texas; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
B018901	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Distillers' Corn Oil (003)	Renewable Naphtha (RNT)	RNT003B01890100	33.00	RNT003B01890102	33.00	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B018902	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNT002B01890200	37.50	RNT002B01890202	37.50	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018903	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	RNT002B01890300	26.00	RNT002B01890302	26.00	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018904	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	RNT001B01890400	20.50	RNT001B01890402	20.50	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018905	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Used Cooking Oil/Waste Oil (UCO) (001)	Renewable Naphtha (RNT)	RNT001B01890500	26.50	RNT001B01890502	26.50	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018906	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNT002B01890600	38.50	RNT002B01890602	38.50	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018907	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable naphtha produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNT002B01890700	43.50	RNT002B01890702	43.50	12/4/2023	None	Renewable Naphtha	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable naphtha produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable naphtha produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018910	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891000	33.00	LPG029B01891002	33.00	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from distilled corn oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018911	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891100	26.00	LPG029B01891102	26.00	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from North America sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018912	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891200	20.50	LPG029B01891202	20.50	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from US sourced non-rendered used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018913	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891300	26.50	LPG029B01891302	26.50	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from South American sourced used cooking oil; natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018914	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891400	37.50	LPG029B01891402	37.50	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from North America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B018915	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891500	38.50	LPG029B01891502	38.50	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from South America sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B018916	Tier 2	3.0	Fuel Producer: REG Geismar, LLC (6268); Facility Name: REG Geismar, LLC (80180); Renewable propane produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker (3.0)	Louisiana	Other Organic Waste (029)	Propane (LPG)	LPG029B01891600	43.50	LPG029B01891602	43.50	12/4/2023	None	Propane	REG Geismar, LLC (6268)	REG Geismar, LLC (80180)	Renewable propane produced from Asia Pacific sourced animal fat (tallow); natural gas, grid electricity and hydrogen; renewable propane produced in Louisiana and transported to California by ocean tanker	2022 AFPR Recert Complete	
B019701	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure of Bos Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California (3.0)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01970100	-177.03	CNG026B01970101	-208.60	10/30/2023	None	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure of Bos Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	2022 AFPR Recert Complete	
B019702	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure of Herrema Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California (3.0)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01970200	-156.78	CNG026B01970201	-149.41	10/30/2023	None	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure of Herrema Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	2022 AFPR Recert Complete	
B019703	Tier 2	3.0	Fuel Producer: Generate Indiana RNG Holdings, LLC (9889); Facility Name: Generate Jasper Upgrader, LLC (71002); Renewable Natural Gas (RNG) from Dairy Manure of Windy Ridge Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California (3.0)	Indiana	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01970300	-295.26	CNG026B01970301	-332.22	10/30/2023	None	Bio-CNG	Generate Indiana RNG Holdings, LLC (9889)	Generate Jasper Upgrader, LLC (71002)	Renewable Natural Gas (RNG) from Dairy Manure of Windy Ridge Dairy, Fair Oaks, Indiana; delivered via pipeline to Bakersfield, California	2022 AFPR Recert Complete	
A038501	Tier 1	3.0	Fuel Producer: Los Angeles County Sanitation District (L375); Facility Name: Biogas Conditioning System Facility (F00308); Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge; grid electricity; finished fuel is compressed and dispensed as CNG transportation fuel onsite. (3.0)	California	Wastewater Sludge (030)	Compressed Natural Gas (CNG)	CNG030A03850100	19.28	CNG030A03850101	19.28	10/30/2023	None	Bio-CNG	Los Angeles County Sanitation District (L375)	Biogas Conditioning System Facility (F00308)	Biomethane produced from the mesophilic anaerobic digestion of wastewater sludge; grid electricity; finished fuel is compressed and dispensed as CNG transportation fuel onsite.	2022 AFPR Recert Complete	
B019801	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABEC# 5 LLC dba Trilogy Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01980101	-294.40	CNG026B01980102	-343.44	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABEC# 5 LLC dba Trilogy Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
B019802	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABEC# 6 LLC dba Maple Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01980200	-414.26	CNG026B01980201	-419.15	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABEC# 6 LLC dba Maple Dairy Biogas in Bakersfield, CA; upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
B019803	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at ABEC# 7 LLC dba T&W Dairy Biogas in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01980300	-420.69	CNG026B01980301	-413.34	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at ABEC# 7 LLC dba T&W Dairy Biogas in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
B019804	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at BV Dairy Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01980400	-405.41	CNG026B01980401	-324.70	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at BV Dairy Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
B019805	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at Western Sky Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use (3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B01980500	-385.40	CNG026B01980501	-420.53	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at Western Sky Biogas LLC in Bakersfield, CA; Upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
A025801	Tier 1	3.0	Fuel Producer: Agro Industrial Tabu S.A. (C1088); Facility Name: Agro Industrial Tabu (F00205); Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker via Panama Canal. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH018A02580100	51.59	ETH018A02580101	53.00	10/18/2023	None	Ethanol	Agro Industrial Tabu S.A. (C1088)	Agro Industrial Tabu (F00205)	Ethanol produced from Sugarcane Juice and Molasses in Brazil, and exported to California by Ocean Tanker via Panama Canal.	2022 AFPR Recert Complete	
A038601	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A03860101	72.76	ETH009A03860102	72.28	11/27/2023	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A038602	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California. (3.0)	South Dakota	Corn (009)	Ethanol (ETH)	ETH009A03860201	69.61	ETH009A03860202	69.01	11/27/2023	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in South Dakota; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A038603	Tier 1	3.0	Fuel Producer: Valero Renewable Fuels (3201); Facility Name: Valero Renewable Fuels Aurora (70041); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in South Dakota; Ethanol transported by rail to California. (3.0)	South Dakota	Corn Fiber (012)	Ethanol (ETH)	ETH012A03860300	28.03	ETH012A03860301	26.18	11/27/2023	None	Ethanol	Valero Renewable Fuels (3201)	Valero Renewable Fuels Aurora (70041)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in South Dakota; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A039401	Tier 1	3.0	Fuel Producer: America Agri Products/Wheatland, LLC (6095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill; Wet DGS, Syrup, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California. (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03940101	66.77	ETH009A03940102	66.96	11/27/2023	None	Ethanol	America Agri Products/Wheatland, LLC (6095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill; Wet DGS, Syrup, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Nebraska; Ethanol transported by rail to California.	2022 AFPR Recert Complete	
A039402	Tier 1	3.0	Fuel Producer: America Agri Products/Wheatland, LLC (6095); Facility Name: Mid America Agri Products/Wheatland LLC (70153); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California. (3.0)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A03940201	27.95	ETH012A03940202	27.99	11/27/2023	None	Ethanol	America Agri Products/Wheatland, LLC (6095)	Mid America Agri Products/Wheatland LLC (70153)	Midwest Corn, Dry Mill; Fiber Ethanol Production via Soliton Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Nebraska and transported by rail to California.	2022 AFPR Recert Complete	
A039601	Tier 1	3.0	Fuel Producer: Adecoagro Brasil Participacoes (4192); Facility Name: Adecoagro Vale do Ivinhema Ltda. (70496); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH018A03960100	52.79	ETH018A03960101	53.07	11/13/2023	None	Ethanol	Adecoagro Brasil Participacoes (4192)	Adecoagro Vale do Ivinhema Ltda. (70496)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	2022 AFPR Recert Complete	
A039701	Tier 1	3.0	Fuel Producer: Archer Daniels Midland Co (4888); Facility Name: ADM Velva (82790); Canola oil extracted from co-located canola seed crushing operations in Velva, North Dakota, and used for biodiesel production; finished fuel transported to California by Rail for use as a transportation fuel. (3.0)	North Dakota	Canola Oil (006)	Biodiesel (BIO)	BIO006A03970100	47.44	BIO006A03970101	46.43	10/31/2023	None	Biodiesel	Archer Daniels Midland Co (4888)	ADM Velva (82790)	Canola oil extracted from co-located canola seed crushing operations in Velva, North Dakota, and used for biodiesel production; finished fuel transported to California by Rail for use as a transportation fuel.	2022 AFPR Recert Complete	
B020701	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Dane Renewable Energy, LLC (F00235); Renewable Natural Gas (RNG) from Dairy Manure from the Statz Home Farm and (5) satellite farms in Sun Prairie, WI; RNG pipelined to multiple California fueling stations (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02070101	-132.51	CNG026B02070102	-136.71	10/30/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	Dane Renewable Energy, LLC (F00235)	Renewable Natural Gas (RNG) from Dairy Manure from the Statz Home Farm and (5) satellite farms in Sun Prairie, WI; RNG pipelined to multiple California fueling stations	2022 AFPR Recert Complete	
B020702	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: Dane Renewable Energy, LLC (F00235); Renewable Natural Gas (RNG) from Dairy Manure from the Statz B Farm; RNG pipelined to multiple California fueling stations (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02070201	-193.95	CNG026B02070202	-185.59	10/30/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	Dane Renewable Energy, LLC (F00235)	Renewable Natural Gas (RNG) from Dairy Manure from the Statz B Farm; RNG pipelined to multiple California fueling stations	2022 AFPR Recert Complete	
A040401	Tier 1	3.0	Fuel Producer: Cargill Biodiesel (3683); Facility Name: Cargill Incorporated (36833); Midwest Soybean Oil produced onsite at the co-located crushing facility, and imported by truck and rail to the Biodiesel plant in Iowa Falls, Iowa; finished biodiesel transported to California by rail for transportation fuel. (3.0)	Iowa	Soybean Oil (005)	Biodiesel (BIO)	BIO005A04040100	54.36	BIO005A04040101	54.75	11/16/2023	None	Biodiesel	Cargill Biodiesel (3683)	Cargill Incorporated (36833)	Midwest Soybean Oil produced onsite at the co-located crushing facility, and imported by truck and rail to the Biodiesel plant in Iowa Falls, Iowa; finished biodiesel transported to California by rail for transportation fuel.	2022 AFPR Recert Complete	
B021401	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Milford Farm (71483); Renewable Natural Gas (RNG) from Swine Manure from the South Cluster of Milford Farm, Milford, UT; RNG pipelined to multiple California fueling stations (PROV3.0)	Utah	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02140100	-413.67	CNG044B02140101	-417.05	12/11/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Milford Farm (71483)	Renewable Natural Gas (RNG) from Swine Manure from the South Cluster of Milford Farm, Milford, UT; RNG pipelined to multiple California fueling stations (Provisional)	2022 AFPR Recert Complete	
B021501	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: Rosendale Renewable Energy, LLC (71041); Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02150100	-310.71	CNG026B02150101	-337.05	11/22/2023	None	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	Rosendale Renewable Energy, LLC (71041)	Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use	2022 AFPR Recert Complete	
B021502	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: Rosendale Renewable Energy, LLC (71041); Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG trucked to California for use as LNG (3.0)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	LNG026B02150200	-296.99	LNG026B02150201	-320.23	11/22/2023	None	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	Rosendale Renewable Energy, LLC (71041)	Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC in Pickett, WI; RNG is trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG trucked to California for use as LNG	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B021503	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: Rosendale Renewable Energy, LLC (71041); Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC, Pickett, WI; RNG trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG is trucked to California for use as L-CNG (3.0)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	LCN026B02150300	-293.45	LCN026B02150301	-316.68	11/22/2023	None	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	Rosendale Renewable Energy, LLC (71041)	Renewable Natural Gas (RNG) from Dairy Manure at Rosendale Farms and upgraded at Rosendale Renewable Energy, LLC, Pickett, WI; RNG trucked to pipeline injection and pipelined to Arizona where it is liquefied; LNG is trucked to California for use as L-CNG	2022 AFPR Recert Complete	
B021601	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02160101	-333.34	CNG026B02160102	-225.64	11/22/2023	None	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to California for transportation use	2022 AFPR Recert Complete	
B021602	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as LNG (3.0)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	LNG026B02160201	-318.76	LNG026B02160202	-207.44	11/22/2023	None	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as LNG	2022 AFPR Recert Complete	
B021603	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: KEWAUNEE RENEWABLE ENERGY, LLC (71003); Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as L-CNG (3.0)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	LCN026B02160301	-315.22	LCN026B02160302	-203.89	11/22/2023	None	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	KEWAUNEE RENEWABLE ENERGY, LLC (71003)	Renewable Natural Gas (RNG) from Dairy Manure at Kinnard Farms and upgraded at Kewaunee Renewable Energy, LLC in Casco, WI; RNG is trucked to pipeline injection and pipelined to Arizona for liquefaction and trucked to California for use as L-CNG	2022 AFPR Recert Complete	
B021701	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC in Grand Marsh, WI, LLC; RNG is trucked to pipeline injection and pipelined to California for transportation use (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02170101	-274.25	CNG026B02170102	-234.87	11/22/2023	None	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC in Grand Marsh, WI, LLC; RNG is trucked to pipeline injection and pipelined to California for transportation use	2022 AFPR Recert Complete	
B021702	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for final use (3.0)	Wisconsin	Dairy Manure (026)	Liquefied Natural Gas (LNG)	LNG026B02170201	-259.30	LNG026B02170202	-217.46	11/22/2023	None	Bio-LNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for final use	2022 AFPR Recert Complete	
B021703	Tier 2	3.0	Fuel Producer: DTE ENERGY TRADING, INC. (6545); Facility Name: NEW CHESTER RENEWABLE ENERGY, LLC (71181); Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for use as L-CNG (3.0)	Wisconsin	Dairy Manure (026)	Liquefied Compressed Natural Gas (LCN)	LCN026B02170301	-255.76	LCN026B02170302	-213.91	11/22/2023	None	Bio-CNG	DTE ENERGY TRADING, INC. (6545)	NEW CHESTER RENEWABLE ENERGY, LLC (71181)	Renewable Natural Gas (RNG) from Dairy Manure at New Chester Farm and upgraded at NEW CHESTER RENEWABLE ENERGY, LLC, Grand Marsh, WI; RNG trucked to pipeline injection and pipelined to Arizona for liquefaction; LNG trucked to California for use as L-CNG	2022 AFPR Recert Complete	
B021901	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: HOMAN FARM (71343); RNG produced from swine manure of Homan Farm and upgraded at Homan Farm Upgrading, King City, MO; RNG pipelined to California for transportation use (3.0)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02190101	-359.22	CNG044B02190102	-403.69	11/3/2023	None	Bio-CNG	Anew RNG, LLC (5877)	HOMAN FARM (71343)	RNG produced from swine manure of Homan Farm and upgraded at Homan Farm Upgrading, King City, MO; RNG pipelined to California for transportation use	2022 AFPR Recert Complete	
B022001	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: SOMERSET FARM (71381); Biogas from Swine Manure at Somerset Farm in Powersville, MO; upgraded biomethane pipelined to California for transportation use (3.0)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B02200102	-370.44	CNG044B02200103	-382.99	10/30/2023	None	Bio-CNG	Anew RNG, LLC (5877)	SOMERSET FARM (71381)	Biogas from Swine Manure at Somerset Farm in Powersville, MO; upgraded biomethane pipelined to California for transportation use	2022 AFPR Recert Complete	
A041601	Tier 1	3.0	Fuel Producer: TRUSTAR ENERGY LLC (6523); Facility Name: Greentree Landfill Gas Company (F00212); Biomethane from Greentree Landfill in Kersey, Pennsylvania, pipelined to California for compression to CNG. (PROV3.0)	Pennsylvania	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A04160101	71.21	CNG025A04160102	74.90	10/31/2023	None	Bio-CNG	TRUSTAR ENERGY LLC (6523)	Greentree Landfill Gas Company (F00212)	Biomethane from Greentree Landfill in Kersey, Pennsylvania, pipelined to California for compression to CNG. (Provisional)	2022 AFPR Recert Complete	
A042301	Tier 1	3.0	Fuel Producer: Homeland Energy Solutions LLC (3220); Facility Name: Homeland Energy Solutions LLC (70188); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Ethanol produced in Lawler, Iowa; Ethanol transported by rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A04230101	72.01	ETH009A04230102	72.25	11/28/2023	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Ethanol produced in Lawler, Iowa; Ethanol transported by rail to California. (Provisional)	2022 AFPR Recert Complete	
A042302	Tier 1	3.0	Fuel Producer: Homeland Energy Solutions LLC (3220); Facility Name: Homeland Energy Solutions LLC (70188); Corn Kernel Fiber Ethanol produced from the EDENIQ process; Natural Gas, and Grid Electricity; Ethanol produced in Lawler, Iowa, and transported by rail to California (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A04230201	24.42	ETH012A04230202	24.71	11/28/2023	None	Ethanol	Homeland Energy Solutions LLC (3220)	Homeland Energy Solutions LLC (70188)	Corn Kernel Fiber Ethanol produced from the EDENIQ process; Natural Gas, and Grid Electricity; Ethanol produced in Lawler, Iowa, and transported by rail to California (Provisional)	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A042501	Tier 1	3.0	Fuel Producer: ADM Agri-Industries Company (6137); Facility Name: ADM Agri Industries (81926); Biodiesel produced from canola oil obtained from co-located seed crushing facility; transported by rail from Alberta, Canada, to Los Angeles, California for use as a transportation fuel. (3.0)	Canada	Canola Oil (006)	Biodiesel (BIO)	BIO006A04250100	47.65	BIO006A04250101	46.82	10/31/2023	None	Biodiesel	ADM Agri-Industries Company (6137)	ADM Agri Industries (81926)	Biodiesel produced from canola oil obtained from co-located seed crushing facility; transported by rail from Alberta, Canada, to Los Angeles, California for use as a transportation fuel.	2022 AFPR Recert Complete	
A043601	Tier 1	3.0	Fuel Producer: AL CORN CLEAN FUEL, LLC (4825); Facility Name: AL CORN CLEAN FUEL, LLC (70087); Midwest Corn, Dry Mill; Dry DGS and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (PROV3.0)	Minnesota	Corn (009)	Ethanol (ETH)	ETH009A04360100	71.53	ETH009A04360101	72.42	11/28/2023	None	Ethanol	AL CORN CLEAN FUEL, LLC (4825)	AL CORN CLEAN FUEL, LLC (70087)	Midwest Corn, Dry Mill; Dry DGS and Corn oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	2022 AFPR Recert Complete	
A043602	Tier 1	3.0	Fuel Producer: AL CORN CLEAN FUEL, LLC (4825); Facility Name: AL CORN CLEAN FUEL, LLC (70087); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process (Edeniq); Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (PROV3.0)	Minnesota	Corn Fiber (012)	Ethanol (ETH)	ETH012A04360201	25.15	ETH012A04360202	25.90	11/28/2023	None	Ethanol	AL CORN CLEAN FUEL, LLC (4825)	AL CORN CLEAN FUEL, LLC (70087)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process (Edeniq); Natural Gas, Grid Electricity; Fiber Ethanol produced in Minnesota; Ethanol transported by rail to California. (Provisional)	2022 AFPR Recert Complete	
A043701	Tier 1	3.0	Fuel Producer: LYNX RENEWABLE ENERGY LLC (1392); Facility Name: Lynx Renewable Energy (F00355); Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for compression to CNG (PROV3.0)	Oklahoma	Landfill Gas (025)	Compressed Natural Gas (CNG)	CNG025A04370100	37.00	CNG025A04370101	37.00	11/20/2023	None	Bio-CNG	LYNX RENEWABLE ENERGY LLC (1392)	Lynx Renewable Energy (F00355)	Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for compression to CNG (Provisional)	2022 AFPR Recert Complete	
A043702	Tier 1	3.0	Fuel Producer: LYNX RENEWABLE ENERGY LLC (1392); Facility Name: Lynx Renewable Energy (F00355); Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California LNG stations (PROV3.0)	Oklahoma	Landfill Gas (025)	Liquefied Natural Gas (LNG)	LNG025A04370200	50.61	LNG025A04370201	53.28	11/20/2023	None	Bio-LNG	LYNX RENEWABLE ENERGY LLC (1392)	Lynx Renewable Energy (F00355)	Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California LNG stations (Provisional)	2022 AFPR Recert Complete	
A043703	Tier 1	3.0	Fuel Producer: LYNX RENEWABLE ENERGY LLC (1392); Facility Name: Lynx Renewable Energy (F00355); Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (PROV3.0)	Oklahoma	Landfill Gas (025)	Liquefied Compressed Natural Gas (LCN)	LCN025A04370300	53.70	LCN025A04370301	56.37	11/20/2023	None	Bio-CNG	LYNX RENEWABLE ENERGY LLC (1392)	Lynx Renewable Energy (F00355)	Biomethane from Landfill at Ardmore, Oklahoma, upgrading at Lynx Renewable Energy in Oklahoma, pipelined to California for liquefaction to LNG; trucked to California; regasified, and compressed to L-CNG (Provisional)	2022 AFPR Recert Complete	
B025001	Tier 2	3.0	Fuel Producer: AMPRENEW OFFTAKE I LLC (9041); Facility Name: RDF STEVENS LLC (71701); Biogas from dairy manure at District 45 farm in Hancock, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (PROV3.0)	Minnesota	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02500100	-182.67	CNG026B02500101	-187.55	10/25/2023	None	Bio-CNG	AMPRENEW OFFTAKE I LLC (9041)	RDF STEVENS LLC (71701)	Biogas from dairy manure at District 45 farm in Hancock, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B025002	Tier 2	3.0	Fuel Producer: AMPRENEW OFFTAKE I LLC (9041); Facility Name: RDF STEVENS LLC (71701); Biogas from dairy manure at Riverview farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (PROV3.0)	Minnesota	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02500200	-267.51	CNG026B02500201	-258.09	10/25/2023	None	Bio-CNG	AMPRENEW OFFTAKE I LLC (9041)	RDF STEVENS LLC (71701)	Biogas from dairy manure at Riverview farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B025003	Tier 2	3.0	Fuel Producer: AMPRENEW OFFTAKE I LLC (9041); Facility Name: RDF STEVENS LLC (71701); Biogas from dairy manure at West River farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (PROV3.0)	Minnesota	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02500300	-255.34	CNG026B02500301	-224.53	10/25/2023	None	Bio-CNG	AMPRENEW OFFTAKE I LLC (9041)	RDF STEVENS LLC (71701)	Biogas from dairy manure at West River farm in Morris, MN; upgraded to pipeline quality at RDF Stevens and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
A044001	Tier 1	3.0	Fuel Producer: Element, LLC (C1020); Facility Name: Element (F00048); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California (3.0)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A04400100	72.37	ETH009A04400101	74.48	11/27/2023	None	Ethanol	Element, LLC (C1020)	Element (F00048)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A044002	Tier 1	3.0	Fuel Producer: Element, LLC (C1020); Facility Name: Element (F00048); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California (3.0)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A04400200	62.07	ETH009A04400201	64.11	11/27/2023	None	Ethanol	Element, LLC (C1020)	Element (F00048)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity and Woody Biomass; Starch Ethanol produced in Colwich, Kansas; Ethanol transported by rail to California	2022 AFPR Recert Complete	
A044201	Tier 1	3.0	Fuel Producer: Lincolnway Energy, LLC (4830); Facility Name: Lincolnway Energy (70092); Midwest Corn, Dry Mill; Dry and Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Nevada, Iowa; transported by rail to California; Composite CI (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A04420100	72.16	ETH009A04420101	72.23	10/17/2023	None	Ethanol	Lincolnway Energy, LLC (4830)	Lincolnway Energy (70092)	Midwest Corn, Dry Mill; Dry and Wet DGS; Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Nevada, Iowa; transported by rail to California; Composite CI (Provisional)	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A044203	Tier 1	3.0	Fuel Producer: Lincolnway Energy, LLC (4830); Facility Name: Lincolnway Energy (70092); Corn Fiber Ethanol produced from Midwest Corn using the Edentiq Fiber Conversion Process; NG, Grid Electricity; Ethanol produced in Nevada, Iowa is transported by rail to California. (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A04420300	24.70	ETH012A04420301	24.99	10/17/2023	None	Ethanol - Cellulosic	Lincolnway Energy, LLC (4830)	Lincolnway Energy (70092)	Corn Fiber Ethanol produced from Midwest Corn using the Edentiq Fiber Conversion Process; NG, Grid Electricity; Ethanol produced in Nevada, Iowa is transported by rail to California. (Provisional)	2022 AFPR Recert Complete	
B026701	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (PROV3.0)	California	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003B02670101	28.80	BIO003B02670102	28.73	10/31/2023	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	Corn Oil transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2022 AFPR Recert Complete	
B026702	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North American sourced Animal Fat transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002B02670201	32.73	BIO002B02670202	32.74	10/31/2023	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North American sourced Animal Fat transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2022 AFPR Recert Complete	
B026703	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North America sourced Zero Energy Rendered UCO transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (PROV3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001B02670300	15.71	BIO001B02670301	15.58	10/31/2023	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North America sourced Zero Energy Rendered UCO transported by truck and rail to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2022 AFPR Recert Complete	
B026704	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North America sourced Low Energy Rendered UCO transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (PROV3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001B02670400	16.34	BIO001B02670401	16.15	10/31/2023	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North America sourced Low Energy Rendered UCO transported by truck to Biodiesel plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite Biodiesel produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2022 AFPR Recert Complete	
B026705	Tier 2	3.0	Fuel Producer: Crimson Renewable Energy LLC (4814); Facility Name: Crimson Renewable Energy Bakersfield Biodiesel Plant (80174); North America sourced UCO Standard Rendering Energy, transported by truck and rail to BD plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (PROV3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001B02670500	20.86	BIO001B02670501	20.74	10/31/2023	None	Biodiesel	Crimson Renewable Energy LLC (4814)	Crimson Renewable Energy Bakersfield Biodiesel Plant (80174)	North America sourced UCO Standard Rendering Energy, transported by truck and rail to BD plant in Bakersfield, California; Natural Gas and Grid Electricity; Composite BD produced by conventional and RepCat process. In-state fuel distribution by truck. (Provisional)	2022 AFPR Recert Complete	
A045001	Tier 1	3.0	Fuel Producer: WORLD ENERGY HARRISBURG LLC (6425); Facility Name: WORLD ENERGY HARRISBURG LLC (81499); Midwest Soybean Oil transported by truck to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail. (3.0)	Pennsylvania	Soybean Oil (005)	Biodiesel (BIO)	BIO005A04500100	58.09	BIO005A04500101	57.93	11/2/2023	None	Biodiesel	WORLD ENERGY HARRISBURG LLC (6425)	WORLD ENERGY HARRISBURG LLC (81499)	Midwest Soybean Oil transported by truck to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail.	2022 AFPR Recert Complete	
A045002	Tier 1	3.0	Fuel Producer: WORLD ENERGY HARRISBURG LLC (6425); Facility Name: WORLD ENERGY HARRISBURG LLC (81499); US sourced Used Cooking Oil transported by truck and rail to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail. (3.0)	Pennsylvania	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001A04500200	21.59	BIO001A04500201	20.78	11/2/2023	None	Biodiesel	WORLD ENERGY HARRISBURG LLC (6425)	WORLD ENERGY HARRISBURG LLC (81499)	US sourced Used Cooking Oil transported by truck and rail to a Biodiesel plant in Harrisburg, Pennsylvania. Biodiesel transported to California by rail.	2022 AFPR Recert Complete	
B026801	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	AJF002B02680101	18.93	AJF002B02680103	22.00	12/14/2023	None	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	2022 AFPR Recert Complete	
B026802	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RND002B02680201	18.93	RND002B02680203	22.00	12/14/2023	None	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	2022 AFPR Recert Complete	
B026803	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNT002B02680301	18.93	RNT002B02680303	22.00	12/14/2023	None	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Brooks Alberta Canada transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	2022 AFPR Recert Complete	
B026804	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Alternative Jet Fuel (AJF)	AJF002B02680400	19.54	AJF002B02680402	22.00	12/14/2023	None	Alternative Jet Fuel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Animal Fat Sourced from JBS Greely Colorado transported by rail to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Jet Fuel produced in California (Provisional)	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B026817	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Renewable Diesel (RND)	RND002B02681700	38.43	RND002B02681701	43.00	12/12/2023	None	Renewable Diesel	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel produced in California (Provisional)	2022 AFPR Recert Complete	
B026818	Tier 2	3.0	Fuel Producer: AltAir Paramount, LLC (6281); Facility Name: AltAir Paramount, LLC (83180); Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (PROV3.0)	California	Tallow (animal and poultry fat) (002)	Renewable Naphtha (RNT)	RNT002B02681800	38.43	RNT002B02681801	43.00	12/12/2023	None	Renewable Naphtha	AltAir Paramount, LLC (6281)	AltAir Paramount, LLC (83180)	Site-Specific Rendered Australian Sourced Animal Fat transported by truck and ocean tanker to Renewable Diesel plant in Paramount, California; Natural Gas, Grid Electricity, and Hydrogen; Renewable Naphtha produced in California (Provisional)	2022 AFPR Recert Complete	
B028201	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: U.S. GAIN RNG FACILITY S&S (71361); Biogas from dairy manure at Jerseyland Dairy in Sturgeon Bay, WI; upgraded to pipeline quality at U.S. GAIN RNG FACILITY S&S; trucked to pipeline injection and pipelined to CA for transportation use (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02820100	-272.08	CNG026B02820101	-360.00	10/30/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	U.S. GAIN RNG FACILITY S&S (71361)	Biogas from dairy manure at Jerseyland Dairy in Sturgeon Bay, WI; upgraded to pipeline quality at U.S. GAIN RNG FACILITY S&S; trucked to pipeline injection and pipelined to CA for transportation use	2022 AFPR Recert Complete	
B028301	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: DEER RUN RNG PROJECT (71482); Biogas from dairy manure at Deer Run in Kewaunee, WI; upgraded to pipeline quality at Deer Run RNG; trucked to pipeline injection and pipelined to CA for transportation use (PROV3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B02830100	-195.09	CNG026B02830101	-194.44	10/27/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	DEER RUN RNG PROJECT (71482)	Biogas from dairy manure at Deer Run in Kewaunee, WI; upgraded to pipeline quality at Deer Run RNG; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
A045601	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); California Sourced Corn Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (3.0)	California	Distillers' Corn Oil (003)	Biodiesel	BIO003A04560100	30.15	BIO003A04560101	34.64	11/3/2023	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	California Sourced Corn Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals	2022 AFPR Recert Complete	
A045602	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); North American Sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (3.0)	California	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel	BIO001A04560200	23.48	BIO001A04560201	27.73	11/3/2023	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	North American Sourced Rendered Used Cooking Oil transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals	2022 AFPR Recert Complete	
A045603	Tier 1	3.0	Fuel Producer: SJV BIODIESEL LLC (7501); Facility Name: SJV BIODIESEL (80341); North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals (3.0)	California	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002A04560300	36.09	BIO002A04560301	40.98	11/3/2023	None	Biodiesel	SJV BIODIESEL LLC (7501)	SJV BIODIESEL (80341)	North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Pixley California; Natural Gas, Dairy Biogas, and Electricity; Biodiesel transport by truck to California blending terminals	2022 AFPR Recert Complete	
A041001	Tier 1	3.0	Fuel Producer: JAPUNGU AGROINDUSTRIAL LTDA (C1145); Facility Name: Japungu Agroindustrial Ltda (F00383); Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	ETH018A04100100	52.77	ETH018A04100101	53.00	10/25/2023	None	Ethanol	JAPUNGU AGROINDUSTRIAL LTDA (C1145)	Japungu Agroindustrial Ltda (F00383)	Ethanol produced from Sugarcane Juice and Molasses, and exported to California by Ocean Tanker.	2022 AFPR Recert Complete	
B030201	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Corn Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (3.0)	Minnesota	Distillers' Corn Oil (003)	Biodiesel (BIO)	BIO003B03020100	24.50	BIO003B03020102	24.50	12/4/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Corn Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California	2022 AFPR Recert Complete	
B030202	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (3.0)	Minnesota	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001B03020200	18.50	BIO001B03020202	18.50	12/4/2023	None	Renewable Diesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California	2022 AFPR Recert Complete	
B030203	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Non-Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (3.0)	Minnesota	Used Cooking Oil/Waste Oil (UCO) (001)	Biodiesel (BIO)	BIO001B03020300	12.50	BIO001B03020302	12.50	12/4/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Non-Rendered Used Cooking Oil transported by truck and rail to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California	2022 AFPR Recert Complete	
B030204	Tier 2	3.0	Fuel Producer: REG Albert Lea, LLC (4305); Facility Name: REG Albert Lea, LLC (82613); North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California (3.0)	Minnesota	Tallow (animal and poultry fat) (002)	Biodiesel (BIO)	BIO002B03020400	29.00	BIO002B03020402	29.00	12/4/2023	None	Biodiesel	REG Albert Lea, LLC (4305)	REG Albert Lea, LLC (82613)	North American Sourced Rendered Animal Fat transported by truck to Biodiesel plant in Albert Lea, MN; Natural Gas, Steam, Grid Electricity, and Renewable Electricity; Biodiesel transported by truck and rail to California	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B030701	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Wreden Ranch Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03070100	-353.38	CNG026B03070101	-325.32	10/27/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Wreden Ranch Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B030702	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Hollandia Farms Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03070200	-405.57	CNG026B03070201	-361.69	10/27/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Hollandia Farms Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B030703	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Cloverdale Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03070300	-255.83	CNG026B03070301	-256.77	10/27/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Cloverdale Dairy in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B030704	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Valadao in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03070400	-249.43	CNG026B03070401	-247.40	10/27/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Valadao in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B030705	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Hanford LLC (F00435); Biogas from dairy manure at Grimmus in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03070500	-366.91	CNG026B03070501	-411.56	10/27/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Hanford LLC (F00435)	Biogas from dairy manure at Grimmus in Hanford, CA; upgraded to pipeline quality at CalBioGas Hanford and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031001	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Double J in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03100100	-349.17	CNG026B03100101	-420.78	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Double J in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031002	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Rob Van Grouw in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03100200	-210.67	CNG026B03100201	-257.14	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Rob Van Grouw in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031003	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Mellema in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03100300	-406.28	CNG026B03100301	-415.27	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Mellema in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031004	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Mineral King in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03100400	-417.26	CNG026B03100401	-372.09	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Mineral King in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031005	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Rancho Sierra Vista in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03100500	-417.24	CNG026B03100501	-369.61	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Rancho Sierra Vista in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031006	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas North Visalia LLC (F00433); Biogas from dairy manure at Jacobus De Groot #2 Dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03100600	-356.29	CNG026B03100601	-324.13	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas North Visalia LLC (F00433)	Biogas from dairy manure at Jacobus De Groot #2 Dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas North Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031101	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Aukeman Farm in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110101	-418.04	CNG026B03110102	-348.56	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Aukeman Farm in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B031102	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Dykstra Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110200	-383.14	CNG026B03110201	-336.76	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Dykstra Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031103	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Horizon Jersey Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110300	-419.34	CNG026B03110301	-423.14	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Horizon Jersey Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031104	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Rancho Teresita Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110400	-299.39	CNG026B03110401	-334.72	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Rancho Teresita Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031105	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Bos Farms Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110500	-276.38	CNG026B03110501	-307.02	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Bos Farms Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031106	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Riverbend South Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110600	-403.86	CNG026B03110601	-392.14	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Riverbend South Dairy in Tulare, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031107	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at El Monte Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110700	-341.84	CNG026B03110701	-318.92	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at El Monte Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B031108	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas South Tulare LLC (F00434); Biogas from dairy manure at Scheenstra Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03110800	-273.88	CNG026B03110801	-331.28	11/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas South Tulare LLC (F00434)	Biogas from dairy manure at Scheenstra Dairy in Tipton, CA; upgraded to pipeline quality at CalBioGas South Tulare and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
A046201	Tier 1	3.0	Fuel Producer: CORN, LP (5065); Facility Name: CORN, LP (70145); Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (PROV3.0)		Corn Fiber (012)	Ethanol (ETH)	ETH012A04620101	33.08	ETH012A04620103	34.36	10/17/2023	None	Ethanol	CORN, LP (5065)	CORN, LP (70145)	Midwest Corn, Dry Mill; Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California (Provisional)	2022 AFPR Recert Complete	
A046202	Tier 1	3.0	Fuel Producer: CORN, LP (5065); Facility Name: CORN, LP (70145); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California, Composite CI (PROV3.0)		Corn (009)	Ethanol (ETH)	ETH009A04620201	70.62	ETH009A04620202	73.77	10/17/2023	None	Ethanol	CORN, LP (5065)	CORN, LP (70145)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Iowa; Ethanol transported by rail to California, Composite CI (Provisional)	2022 AFPR Recert Complete	
B031501	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas West Visalia LLC (F00337); Biogas from dairy manure at Udder dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas West Visalia and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03150100	-403.96	CNG026B03150101	-409.96	12/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas West Visalia LLC (F00337)	Biogas from dairy manure at Udder dairy in Visalia, CA; upgraded to pipeline quality at CalBioGas West Visalia and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B033801	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: DALHART RNG, LLC (70981); Biogas from swine manure at Dalhart Farm in Dalhart, TX; upgraded to pipeline quality at Dalhart RNG and pipelined to CA for transportation use (PROV3.0)	Texas	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B03380100	-417.96	CNG044B03380101	-430.20	12/11/2023	None	Bio-CNG	Anew RNG, LLC (5877)	DALHART RNG, LLC (70981)	Biogas from swine manure at Dalhart Farm in Dalhart, TX; upgraded to pipeline quality at Dalhart RNG and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B034501	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: YELLOW JACKET LAKESHORE RNG PROJECT (71321); Biogas from dairy manure at Lakeshore Dairy in Wilson, NY; upgraded to pipeline quality at Yellow Jacket Lakeshore RNG Project; trucked to pipeline injection and pipelined to CA for transportation use (PROV3.0)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03450100	-318.35	CNG026B03450101	-296.42	10/27/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET LAKESHORE RNG PROJECT (71321)	Biogas from dairy manure at Lakeshore Dairy in Wilson, NY; upgraded to pipeline quality at Yellow Jacket Lakeshore RNG Project; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B034601	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: YELLOW JACKET LAMB RNG PROJECT (71101); Biogas from dairy manure at Lamb Farm in Oakfield, NY; upgraded to pipeline quality at Yellow Jacket Lamb RNG Project and pipelined to California for transportation use (PROV3.0)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03460100	-311.72	CNG026B03460101	-272.73	11/22/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET LAMB RNG PROJECT (71101)	Biogas from dairy manure at Lamb Farm in Oakfield, NY; upgraded to pipeline quality at Yellow Jacket Lamb RNG Project and pipelined to California for transportation use (Provisional)	2022 AFPR Recert Complete	
B035301	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: U.S. GAIN RNG FACILITY DALLMAN (71341); Biogas from dairy manure at Callmann East River Dairy in Brillion, WI; upgraded to pipeline quality at U.S. Gain RNG Facility Dallman and pipelined to CA for transportation use (3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03530100	-344.72	CNG026B03530101	-319.04	10/30/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	U.S. GAIN RNG FACILITY DALLMAN (71341)	Biogas from dairy manure at Callmann East River Dairy in Brillion, WI; upgraded to pipeline quality at U.S. Gain RNG Facility Dallman and pipelined to CA for transportation use	2022 AFPR Recert Complete	
B035201	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from dairy manure at Newhouse Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC in and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03520100	-411.77	CNG026B03520101	-423.12	12/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from dairy manure at Newhouse Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC in and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B035202	Tier 2	3.0	Fuel Producer: California Bioenergy LLC (B194); Facility Name: CalBioGas Kern LLC (F00336); Biogas from Dairy Manure at McMoo Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC and pipelined to CA for transportation use (PROV3.0)	California	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03520200	-351.51	CNG026B03520201	-353.82	12/14/2023	None	Bio-CNG	California Bioenergy LLC (B194)	CalBioGas Kern LLC (F00336)	Biogas from Dairy Manure at McMoo Dairy in Bakersfield, CA; upgraded to pipeline quality at CalBioGas Kern LLC and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B036601	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: MILFORD FARM (71483); Biogas from swine manure at Milford Farm in Milford, UT; upgraded to pipeline quality at Milford Farm and pipelined to CA for transportation use (3.0)	Utah	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B03660100	-414.59	CNG044B03660101	-427.14	10/30/2023	None	Bio-CNG	Anew RNG, LLC (5877)	MILFORD FARM (71483)	Biogas from swine manure at Milford Farm in Milford, UT; upgraded to pipeline quality at Milford Farm and pipelined to CA for transportation use	2022 AFPR Recert Complete	
B036001	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported as G.H2 in tube trailers to refueling stations in California. (PROV3.0)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	HYG026B03600100	-159.04	HYG026B03600101	-154.83	11/6/2023	None	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR facility in Ontario, California using Biomethane derived from digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported as G.H2 in tube trailers to refueling stations in California. (Provisional)	2022 AFPR Recert Complete	
B036002	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy manure digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported in liquid tanker trailers to refueling stations in California. (PROV3.0)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	HYL026B03600200	-120.27	HYL026B03600201	-118.90	11/6/2023	None	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy manure digester gas and upgraded at Deer Run RNG Project in Kewaunee, WI; transported in liquid tanker trailers to refueling stations in California. (Provisional)	2022 AFPR Recert Complete	
B036003	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); L.H2 produced central SMR using Biomethane derived from dairy digester gas upgraded at Deer Run RNG Project in Kewaunee, WI; transported as L.H2 in tankers to trans-fill center, re-gasified, compressed, and distributed to refueling stations in California. (PROV3.0)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	HYL026B03600300	-104.64	HYL026B03600301	-100.09	11/6/2023	None	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	L.H2 produced central SMR using Biomethane derived from dairy digester gas upgraded at Deer Run RNG Project in Kewaunee, WI; transported as L.H2 in tankers to trans-fill center, re-gasified, compressed, and distributed to refueling stations in California. (Provisional)	2022 AFPR Recert Complete	
B037001	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: GREEN HILLS FARM (71881); Biogas from swine manure at Green Hills Farm in Unionville, MO; upgraded to pipeline-quality on-site at the farm and pipelined to CA for transportation use (PROV3.0)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B03700100	-408.25	CNG044B03700101	-402.51	10/27/2023	None	Bio-CNG	Anew RNG, LLC (5877)	GREEN HILLS FARM (71881)	Biogas from swine manure at Green Hills Farm in Unionville, MO; upgraded to pipeline-quality on-site at the farm and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B037101	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: WHITETAIL FARM (71882); Biogas from swine manure at Whitetail Farm in Unionville, MO; upgraded to pipeline quality at Whitetail Farm and pipelined to CA for transportation use (PROV3.0)	Missouri	Swine Manure (044)	Compressed Natural Gas (CNG)	CNG044B03710100	-412.77	CNG044B03710101	-374.61	10/27/2023	None	Bio-CNG	Anew RNG, LLC (5877)	WHITETAIL FARM (71882)	Biogas from swine manure at Whitetail Farm in Unionville, MO; upgraded to pipeline quality at Whitetail Farm and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B037302	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy digester gas generated at Riverview Dairy Digester; upgraded at RDF Stevens in Morris, MN; transported in tanker trailers to refueling stations in California. (PROV3.0)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	HYL026B03730200	-192.70	HYL026B03730201	-182.54	11/13/2023	None	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Liquefied Hydrogen produced at Praxair SMR using Biomethane derived from dairy digester gas generated at Riverview Dairy Digester; upgraded at RDF Stevens in Morris, MN; transported in tanker trailers to refueling stations in California. (Provisional)	2022 AFPR Recert Complete	
B037304	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); Gaseous Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from digester gas generated at Riverview Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tube trailers to refueling stations in California. (PROV3.0)	California	Dairy Manure (026)	Gaseous Hydrogen (HYG)	HYG026B03730400	-231.46	HYG026B03730401	-218.47	11/13/2023	None	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	Gaseous Hydrogen produced at Praxair SMR in Ontario, California using Biomethane derived from digester gas generated at Riverview Dairy Digester and upgraded at RDF Stevens in Morris, MN; transported in tube trailers to refueling stations in California. (Provisional)	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
B037306	Tier 2	3.0	Fuel Producer: FirstElement Fuel (E426); Facility Name: Praxair SMR facility (F00394); L H2 produced at Praxair SMR using Biomethane upgraded at RDF Stevens in Morris, MN from digester gas produced at Riverview Dairy Digester; transported as L H2 to trans-fill, regasified and compressed, then transported to refueling stations in California. (PROV3.0)	California	Dairy Manure (026)	Liquid Hydrogen (HYL)	HYL026B03730600	-177.06	HYL026B03730601	-163.73	11/13/2023	None	Hydrogen	FirstElement Fuel (E426)	Praxair SMR facility (F00394)	L H2 produced at Praxair SMR using Biomethane upgraded at RDF Stevens in Morris, MN from digester gas produced at Riverview Dairy Digester; transported as L H2 to trans-fill, regasified and compressed, then transported to refueling stations in California. (Provisional)	2022 AFPR Recert Complete	
A049001	Tier 1	3.0	Fuel Producer: Southwest Iowa Renewable Energy, LLC (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A04900100	71.51	ETH009A04900101	71.65	10/25/2023	None	Ethanol	Southwest Iowa Renewable Energy, LLC (6935)	Southwest Iowa Renewable Energy, LLC (70326)	Midwest Corn, Dry Mill; Dry DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California. (Provisional)	2022 AFPR Recert Complete	
A049002	Tier 1	3.0	Fuel Producer: Southwest Iowa Renewable Energy, LLC (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Oakley, Kansas; Ethanol transported by rail to California. (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	ETH009A04900200	61.15	ETH009A04900201	61.71	10/25/2023	None	Ethanol	Southwest Iowa Renewable Energy, LLC (6935)	Southwest Iowa Renewable Energy, LLC (70326)	Midwest Corn, Dry Mill; Wet DGS, Corn oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Oakley, Kansas; Ethanol transported by rail to California. (Provisional)	2022 AFPR Recert Complete	
A049003	Tier 1	3.0	Fuel Producer: Southwest Iowa Renewable Energy, LLC (5935); Facility Name: Southwest Iowa Renewable Energy, LLC (70326); Midwest Corn, Dry Mill; Fiber ethanol via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	ETH012A04900300	22.33	ETH012A04900301	23.74	10/25/2023	None	Ethanol - Cellulosic	Southwest Iowa Renewable Energy, LLC (6935)	Southwest Iowa Renewable Energy, LLC (70326)	Midwest Corn, Dry Mill; Fiber ethanol via Edeniq Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Council Bluffs, Iowa; Ethanol transported by rail to California (Provisional)	2022 AFPR Recert Complete	
B038201	Tier 2	3.0	Fuel Producer: Madera Renewable Energy, LLC (C1140); Facility Name: Madera Renewable Energy, LLC (F00436); Low-CI electricity from Dairy Manure biogas using reciprocating engine at Philip Verwey Dairy in Madera, CA for use as transportation fuel in California. (3.0)	California	Dairy Manure (026)	Electricity (ELC)	ELC026B03820100	-758.40	ELC026B03820101	-756.17	11/27/2023	None	Electricity	Madera Renewable Energy, LLC (C1140)	Madera Renewable Energy, LLC (F00436)	Low-CI electricity from Dairy Manure biogas using reciprocating engine at Philip Verwey Dairy in Madera, CA for use as transportation fuel in California.	2022 AFPR Recert Complete	
B038501	Tier 2	3.0	Fuel Producer: Anew RNG, LLC (5877); Facility Name: Green Valley Dairy LLC (F00198); Biogas from dairy manure at Green Valley Dairy in Krakow, WI; upgraded to pipeline quality at Green Valley Dairy; trucked to pipeline injection and pipelined to CA for transportation use (PROV3.0)	Wisconsin	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B03850100	-180.73	CNG026B03850101	-180.62	11/28/2023	None	Bio-CNG	Anew RNG, LLC (5877)	Green Valley Dairy LLC (F00198)	Biogas from dairy manure at Green Valley Dairy in Krakow, WI; upgraded to pipeline quality at Green Valley Dairy; trucked to pipeline injection and pipelined to CA for transportation use (Provisional)	2022 AFPR Recert Complete	
B040101	Tier 2	3.0	Fuel Producer: U.S. Venture, Inc. (5504); Facility Name: YELLOW JACKET SWISS VALLEY RNG PROJECT (71161); Biogas from Dairy Manure at Swiss Valley Farms in Warsaw, NY; upgraded to pipeline quality at Yellow Jacket Swiss Valley RNG Project; pipelined to California for transportation use. (PROV3.0)	New York	Dairy Manure (026)	Compressed Natural Gas (CNG)	CNG026B04010100	-216.27	CNG026B04010101	-187.99	11/22/2023	None	Bio-CNG	U.S. Venture, Inc. (5504)	YELLOW JACKET SWISS VALLEY RNG PROJECT (71161)	Biogas from Dairy Manure at Swiss Valley Farms in Warsaw, NY; upgraded to pipeline quality at Yellow Jacket Swiss Valley RNG Project; pipelined to California for transportation use (Provisional)	2022 AFPR Recert Complete	
B042801	Tier 2	3.0	Fuel Producer: Jaxon Energy, LLC (6454); Facility Name: Jaxon Energy, LLC (83608); Midwest Sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (PROV3.0)	Mississippi	Distillers' Corn Oil (003)	Renewable Diesel (RND)	RND003B04280100	51.80	RND003B04280101	53.52	11/6/2023	None	Renewable Diesel	Jaxon Energy, LLC (6454)	Jaxon Energy, LLC (83608)	Midwest Sourced Corn Oil transported by truck and rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	2022 AFPR Recert Complete	
B042802	Tier 2	3.0	Fuel Producer: Jaxon Energy, LLC (6454); Facility Name: Jaxon Energy, LLC (83608); Midwest Sourced Soybean Oil transported by rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (PROV3.0)	Mississippi	Soybean Oil (005)	Renewable Diesel (RND)	RND005B04280200	80.81	RND005B04280201	83.76	11/6/2023	None	Renewable Diesel	Jaxon Energy, LLC (6454)	Jaxon Energy, LLC (83608)	Midwest Sourced Soybean Oil transported by rail to Renewable Diesel plant in Jackson, Mississippi; Natural Gas, Grid Electricity, and Hydrogen; Renewable Diesel transported by rail to California (Provisional)	2022 AFPR Recert Complete	
B048501	Tier 2	3.0	Fuel Producer: Trillium Transportation Fuels, LLC (T311); Facility Name: SANCO Services Anaerobic Digester Plant (F00478); Biogas from landfill-diverted food scraps and urban landscaping waste upgraded at SANCO Services Anaerobic Digester Plant facility in Escondido, CA; Bio-CNG injected into California natural gas pipeline for transportation use. (PROV3.0)	California	Other Organic Waste (029)	Compressed Natural Gas (CNG)	None	None	CNG029B04850100	-38.80	1/2/2024	Application Package	Bio-CNG	Trillium Transportation Fuels, LLC (T311)	SANCO Services Anaerobic Digester Plant (F00478)	Biogas from landfill-diverted food scraps and urban landscaping waste upgraded at SANCO Services Anaerobic Digester Plant facility in Escondido, CA; Bio-CNG injected into California natural gas pipeline for transportation use. (Provisional)	None	
B052101	Tier 2	3.0	Fuel Producer: PHILLIPS 66 COMPANY (4528) ; Facility Name: Phillips 66 Rodeo (82191); Renewable gasoline is derived from Argentinian soybean oil (soybean oil is produced in Argentina and transported by ocean tanker to California); Natural gas, steam, off-gases, grid electricity, and hydrogen are distributed in California via pipeline. (3.0)	California	Soybean Oil (005)	Renewable Gasoline (RNG)	None	None	RNG005B05210100	67.35	12/29/2023	Application Package	Renewable Gasoline	PHILLIPS 66 COMPANY (4528)	Phillips 66 Rodeo (82191)	Renewable gasoline is derived from Argentinian soybean oil (soybean oil is produced in Argentina and transported by ocean tanker to California); Natural gas, steam, off-gases, grid electricity, and hydrogen are distributed in California via pipeline.	None	
A019801	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minden, Nebraska and transported by rail to California, Composite CI (3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A01980103	62.37	ETH009A01980105	62.23	1/9/2024	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Minden, Nebraska and transported by rail to California, Composite CI	2022 AFPR Recert Complete	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A019802	Tier 1	3.0	Fuel Producer: KAAPA Ethanol Holdings LLC (4805); Facility Name: KAAPA Ethanol LLC (70079); Midwest Corn, Dry Mill; Soliton Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minden Nebraska and transported by rail to California (3.0)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	ETH012A01980201	23.04	ETH012A01980202	22.96	11/13/2023	None	Ethanol	KAAPA Ethanol Holdings LLC (4805)	KAAPA Ethanol LLC (70079)	Midwest Corn, Dry Mill; Soliton Fiber Ethanol Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Minden Nebraska and transported by rail to California	2022 AFPR Recert Complete	
A053001	Tier 1	3.0	Fuel Producer: Guarani SA (3833); Facility Name: Usina Vertente Ltda. (70447); Sugarcane-derived ethanol produced in Brazil from sugarcane juice and molasses; mechanized harvesting; co-product credit for export of cogenerated electricity; finished fuel exported to California by Ocean Tanker. (3.0)	Brazil	Sugarcane (018)	Ethanol (ETH)	None	None	ETH018A05300100	48.78	1/8/2024	None	Ethanol	Guarani SA (3833)	Usina Vertente Ltda. (70447)	Sugarcane-derived ethanol produced in Brazil from sugarcane juice and molasses; mechanized harvesting; co-product credit for export of cogenerated electricity; finished fuel exported to California by Ocean Tanker.	None	
A053201	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500); Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Atlantic, Iowa; Ethanol transported by Rail to California, Composite CI (PROV3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05320100	66.20	1/11/2024	None	Ethanol	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Atlantic, Iowa; Ethanol transported by Rail to California, Composite CI (Provisional)	None	
A053202	Tier 1	3.0	Fuel Producer: Elite Octane, LLC (6500); Facility Name: Elite Octane, LLC (71287); Midwest Corn, Dry Mill; Fiber Ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Atlantic, Iowa and transported by Rail to California (PROV3.0)	Iowa	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05320200	26.80	1/11/2024	None	Ethanol - Cellulosic	Elite Octane, LLC (6500)	Elite Octane, LLC (71287)	Midwest Corn, Dry Mill; Fiber Ethanol produced by the EDENIQ Fiber Conversion Process; Natural Gas, Grid Electricity; Fiber Ethanol produced in Atlantic, Iowa and transported by Rail to California (Provisional)	None	
A054001	Tier 1	3.0	Fuel Producer: NuGen Energy, LLC (3332); Facility Name: NuGen Energy, LLC (70195); Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, South Dakota; Finished fuel transported by Rail to California; Composite CI. (PROV3.0)	South Dakota	Corn (009)	Ethanol (ETH)	None	None	ETH009A05400100	72.33	1/23/2024	None	Ethanol	NuGen Energy, LLC (3332)	NuGen Energy, LLC (70195)	Midwest Corn, Dry Mill; Dry DGS and Modified DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Marion, South Dakota; Finished fuel transported by Rail to California; Composite CI. (Provisional)	None	
A054002	Tier 1	3.0	Fuel Producer: NuGen Energy, LLC (3332); Facility Name: NuGen Energy, LLC (70195); Sorghum from Dry Mill; Dry DGS and Modified DGS, Corn Oil; Starch Ethanol produced in Marion, South Dakota; Finished fuel transported by Rail to California; Composite CI. (PROV3.0)	South Dakota	Grain Sorghum (010)	Ethanol (ETH)	None	None	ETH010A05400200	76.07	1/23/2024	None	Ethanol	NuGen Energy, LLC (3332)	NuGen Energy, LLC (70195)	Sorghum from Dry Mill; Dry DGS and Modified DGS, Corn Oil; Starch Ethanol produced in Marion, South Dakota; Finished fuel transported by Rail to California; Composite CI. (Provisional)	None	
A053601	Tier 1	3.0	Fuel Producer: Green Plains Superior LLC (5851); Facility Name: GREEN PLAINS SUPERIOR, LLC (70304); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Superior, Iowa; Finished fuel transported by Rail to California; Composite CI. (3.0)	Iowa	Corn (009)	Ethanol (ETH)	None	None	ETH009A05360100	70.98	1/31/2024	None	Ethanol	Green Plains Superior LLC (5851)	GREEN PLAINS SUPERIOR, LLC (70304)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Superior, Iowa; Finished fuel transported by Rail to California; Composite CI.	None	
A054101	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054); Facility Name: Bonanza BioEnergy, LLC (70117); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Garden City, Kansas; Finished fuel transported by Rail to California, Composite CI. (PROV3.0)	Kansas	Corn (009)	Ethanol (ETH)	ETH009A01030102	71.24	ETH009A05410100	63.36	1/26/2024	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Garden City, Kansas; Finished fuel transported by Rail to California, Composite CI. (Provisional)	None	
A054102	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054); Facility Name: Bonanza BioEnergy, LLC (70117); Sorghum from Midwest; Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Garden City, Kansas; Finished fuel transported by Rail to California; Composite CI. (PROV3.0)	Kansas	Grain Sorghum (010)	Ethanol (ETH)	ETH010A01030602	73.44	ETH010A05410200	67.05	1/26/2024	None	Ethanol	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Sorghum from Midwest; Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Garden City, Kansas; Finished fuel transported by Rail to California; Composite CI. (Provisional)	None	
A054103	Tier 1	3.0	Fuel Producer: Bonanza BioEnergy, LLC (4054); Facility Name: Bonanza BioEnergy, LLC (70117); Midwest Corn and Sorghum, Dry Mill; Corn-Sorghum Fiber Ethanol produced by the EDENIQ conversion method; Cellulosic Ethanol produced in Garden City, Kansas, and transported to California by Rail. (PROV3.0)	Kansas	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05410300	25.05	1/26/2024	None	Ethanol - Cellulosic	Bonanza BioEnergy, LLC (4054)	Bonanza BioEnergy, LLC (70117)	Midwest Corn and Sorghum, Dry Mill; Corn-Sorghum Fiber Ethanol produced by the EDENIQ conversion method; Cellulosic Ethanol produced in Garden City, Kansas, and transported to California by Rail. (Provisional)	None	
A053701	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FAIRMONT (1579); Facility Name: FAIRMONT (71681); Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03070100	74.08	ETH009A05370100	78.02	2/9/2024	None	Ethanol	POET BIOREFINING - FAIRMONT (1579)	FAIRMONT (71681)	Midwest Corn, Dry Mill; Dry DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (Provisional)	None	
A053702	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FAIRMONT (1579); Facility Name: FAIRMONT (71681); Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	ETH009A03070200	69.42	ETH009A05370200	75.27	2/9/2024	None	Ethanol	POET BIOREFINING - FAIRMONT (1579)	FAIRMONT (71681)	Midwest Corn, Dry Mill; Modified DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (Provisional)	None	

App/Pathway #	Class	Calculator Version	Applicant & Pathway Description	Facility Location	Feedstock	Fuel Type	Legacy FPC	Legacy CI	Current Certified FPC	Current Certified CI	Certification Date	Postings and Comments	Fuel Category	Company (ID)	Facility (ID)	Pathway Description	AFPR Recertification Status	Retired Pathway
A053703	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FAIRMONT (1579); Facility Name: FAIRMONT (71681); Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (PROV3.0)	Nebraska	Corn (009)	Ethanol (ETH)	None	None	ETH009A05370300	69.59	2/9/2024	None	Ethanol	POET BIOREFINING - FAIRMONT (1579)	FAIRMONT (71681)	Midwest Corn, Dry Mill; Wet DGS, Corn Oil; Natural Gas, Grid Electricity; Starch Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (Provisional)	None	
A053704	Tier 1	3.0	Fuel Producer: POET BIOREFINING - FAIRMONT (1579); Facility Name: FAIRMONT (71681); Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by Poet's proprietary fiber conversion process; Natural Gas, Grid Electricity; Cellulosic Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (PROV3.0)	Nebraska	Corn Fiber (012)	Ethanol (ETH)	None	None	ETH012A05370400	30.06	2/9/2024	None	Ethanol - Cellulosic	POET BIOREFINING - FAIRMONT (1579)	FAIRMONT (71681)	Midwest Corn, Dry Mill; Corn Fiber Ethanol produced by Poet's proprietary fiber conversion process; Natural Gas, Grid Electricity; Cellulosic Ethanol produced in Fairmont, Nebraska and transported by Rail to California. (Provisional)	None	
A053901	Tier 1	3.0	Fuel Producer: Green Plains Otter Tail LLC (4180); Facility Name: GREEN PLAINS OTTER TAIL, LLC (70110); Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Fergus Falls, MN; Finished fuel transported by Rail to California; Composite CI. (3.0)	Minnesota	Corn (009)	Ethanol (ETH)	None	None	ETH009A05390100	72.83	2/1/2024	None	Ethanol	Green Plains Otter Tail LLC (4180)	GREEN PLAINS OTTER TAIL, LLC (70110)	Midwest Corn, Dry Mill; Dry DGS and Wet DGS, Corn Oil and Syrup; Natural Gas, Grid Electricity; Starch Ethanol produced in Fergus Falls, MN; Finished fuel transported by Rail to California; Composite CI.	None	