

**State of California
AIR RESOURCES BOARD**

Executive Order DG-040-A

**Distributed Generation Certification of
Doosan Fuel Cell America Corporation
440 kW PureCell® System Model 400**

WHEREAS, the Air Resources Board (ARB) was given the authority under California Health and Safety Code section 41514.9 to establish a statewide Distributed Generation (DG) Certification Program to certify electrical generation technologies that are exempt from the permit requirements of air pollution control or air quality management districts;

WHEREAS, this DG Certification does not constitute an air pollution permit or eliminate the responsibility of the end user to comply with all federal, state, and local laws, rules and regulations;

WHEREAS, UTC Power Corporation applied for a DG Certification of its 440 kW PureCell® System Model 400 fuel cell and whose application was deemed complete on December 10, 2012;

WHEREAS, UTC Power Corporation was issued DG Certificate DG-040 on December 26, 2012, for its 440 kW PureCell® System Model 400 fuel cell;

WHEREAS, UTC Power Corporation had demonstrated, according to test methods specified in California Code of Regulations (CCR), title 17, §94207, that its natural-gas-fueled 440 kW PureCell® System Model 400 has complied with the following emission standards:

1. Emissions of oxides of nitrogen no greater than 0.07 pounds per megawatt-hour;
2. Emissions of carbon monoxide no greater than 0.10 pounds per megawatt-hour; and
3. Emissions of volatile organic compounds no greater than 0.02 pounds per megawatt-hour.

WHEREAS, UTC Power Corporation had demonstrated that its 440 kW PureCell® System Model 400 fuel cell complies with the emissions durability requirements in CCR, title 17, §94207(d);

WHEREAS, UTC Power, a division of United Technologies Corporation, sold its fuel cell operation to ClearEdge Power, Inc. Subsequently, ClearEdge Power Inc. declared bankruptcy and Doosan Corporation purchased the assets of ClearEdge Power on July 2014, and re-organization into Doosan Fuel Cell

America; wherein it was noted that no material changes to model form, fit, or function were made;

WHEREAS, on February 13, 2017, Doosan Fuel Cell America applied for a change in ownership for the 440 kW PureCell® System Model 400;

WHEREAS, Doosan Fuel Cell America, Corporation was issued DG Certificate DG-040-A on April 26, 2017, for its 440 kW PureCell® System Model 400 fuel cell;

WHEREAS, Doosan Fuel Cell America, Corporation applied for recertification of its DG certificate for the 440 kW PureCell® System Model 400 fuel cell and whose application was deemed complete on December 22, 2017; and

WHEREAS, I find that the Applicant, Doosan Fuel Cell America, has met the requirements specified in CCR, title 17, article 3, Distributed Generation Certification Program and has satisfactorily demonstrated that the 440 kW PureCell® System Model 400 fuel cell meets the DG Certification Regulation 2007 Fossil Fuel Emission Standards.

NOW THEREFORE, IT IS HEREBY ORDERED, that a DG Certification, Executive Order DG-040-A, is hereby extended.

This DG Certification:

- 1) Is subject to all conditions and requirements of CCR, title 17, article 3, Distributed Generation Certification Program, including the provisions relating to inspection, denial, suspension, and revocation;
- 2) Shall be void if any manufacturer's modification results in an increase in emissions or changes the efficiency or operating conditions of a model, such that the model no longer meets the 2007 DG Certification emission standards; and
- 3) Shall expire on the 26th day of December 2022.

Executed at Sacramento, California, this 24th day of January 2018.

/S/

Floyd V. Vergara, Esq., P.E.
Chief, Industrial Strategies Division