

**State of California
AIR RESOURCES BOARD**

Executive Order DG-042

**Distributed Generation Certification of
Bloom Energy Corporation
ES-5410 Fuel Cell Power Generation System**

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, on February 22, 2013, Bloom Energy Corporation applied for a DG Certification of its 125 kW ES-5410 Fuel Cell Power Generation System and whose application was deemed complete on February 25, 2013;

WHEREAS, Bloom Energy Corporation has demonstrated, according to test methods specified in California Code of Regulations (CCR), title 17, section 94207, that its natural gas-fueled ES-5410 Fuel Cell Power Generation System 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.
3. Emissions of volatile organic compounds no greater than 0.02 pounds per megawatt-hour.

WHEREAS, Bloom Energy Corporation has demonstrated that the ES-5410 Fuel Cell Power Generation System complies with the emissions durability requirements in CCR, title 17, section 94207(d); and

WHEREAS, I find that the Applicant, Bloom Energy Corporation, has met the requirements specified in CCR, title 17, article 3, Distributed Generation Certification Program and has satisfactorily demonstrated that the ES-5410 Fuel Cell Power Generation System meets the DG Certification Regulation 2007 fossil fuel emission standards.

NOW THEREFORE, IT IS HEREBY ORDERED, that a DG Certification DG-042 is hereby granted.

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 DG Certification Regulation 2007 fossil fuel emission standards.
- 3) Shall expire on the 24th day of April, 2018.

Executed at Sacramento, California, this 24th day of April 2013.

Richard W. Corey
Executive Officer
by

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Cynthia Marvin, Chief
Stationary Source Division