

**State of California
Air Resources Board
Executive Order DG-054
Distributed Generation Certification of
Capstone Green Energy Corporation
C800S Natural Gas CARB Microturbine**

Whereas, the California Air Resources Board (CARB) 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, CARB adopted the DG Certification Regulation in California Code of Regulations (CCR), title 17, article 3, sections 94200 to 94214;

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 November 16, 2023, Capstone Green Energy Corporation applied for a DG Certification of its 800 kW C800S Natural Gas CARB Microturbine and whose application was deemed complete on December 13, 2023;

Whereas, the C800S Natural Gas CARB Microturbine is manufactured and sold with integrated combined heat and power technology;

Whereas, Capstone Green Energy Corporation has demonstrated that the C800S Natural Gas CARB Microturbine complies with the minimum efficiency requirement in title 17, California Code of Regulations (CCR), section 94203(b);

Whereas, title 17, CCR, section 94203(b) allows for an energy credit at the rate of one megawatt-hour for each 3.4 million British thermal units of heat recovered to be used when calculating emission rates;

Whereas, Capstone Green Energy Corporation has demonstrated, according to test methods specified in title 17, CCR, section 94207, that its natural-gas-fueled C800S Natural Gas CARB Microturbine 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, Capstone Green Energy Corporation has demonstrated that its C800S Natural Gas CARB Microturbine complies with the emission durability requirements in title 17, CCR, section 94203(d);

Whereas, I find that the Applicant, Capstone Green Energy Corporation, has met the requirements specified in article 3, title 17, CCR, and has satisfactorily demonstrated that the 800 kW C800S Natural Gas CARB Microturbine meets the DG Certification Regulations 2007 Fossil Fuel Emission Standards;

Now, therefore, it is hereby ordered, that a DG certification, Executive Order DG-054 is granted.

This DG Certification:

1. Is subject to all conditions and requirements of CARB's DG Certification Program, article 3, title 17, CCR, 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 Regulations 2007 Fossil Fuel Emission Standards.
3. Shall expire on the 15th day of February, 2029.

Executed at Sacramento, California, this 15th day of February, 2024.



Heather Quiros, Chief
Enforcement Division