

State of California
AIR RESOURCES BOARD
Executive Order DG-050
Distributed Generation Certification of
Bloom Energy Corporation
ES-5 Fuel Power Cell – Digester Gas

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 at 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 May 20, 2021, Bloom Energy Corporation applied for a DG Certification of its digester gas fueled 300 kW ES-5 Fuel Power Cell and whose application was deemed complete on July 7, 2021;

WHEREAS, Bloom Energy Corporation has demonstrated, according to test methods specified in title 17, California Code of Regulations (CCR), section 94207, that its digester gas fueled ES-5 Fuel Power Cell has complied with the following DG Certification Regulation 2013 Waste Gas Emission Standards pursuant to CCR, title 17, section 94203(c):

1. Emissions of oxides of nitrogen no greater than 0.07 pounds per megawatt-hour; and
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, Bloom Energy Corporation has demonstrated that its digester gas fueled ES-5 Fuel Power Cell complies with the emission durability requirements in title 17, CCR, section 94203(d); and

WHEREAS, I find that the Applicant, Bloom Energy Corporation, has met the requirements specified in CCR, title 17, article 3 and has satisfactorily

demonstrated that the digester gas fueled ES-5 Fuel Power Cell meets the DG Certification Regulation's 2013 Waste Gas Emission Standards at CCR, title 17, section 94203(c);

NOW THEREFORE, IT IS HEREBY ORDERED, that a DG Certification, Executive Order DG-050, is granted.

This DG Certification:

- 1) is subject to all conditions and requirements of the 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 Regulation's 2013 Waste Gas Emission Standards; and
- 3) shall expire on the 7th day of September, 2026.

Executed at Sacramento, California, this 7th day of September 2021.

/S/



Matthew Botill
Acting Division Chief
Industrial Strategies Division