

**State of California  
AIR RESOURCES BOARD**

**Executive Order DG-028-B**

**Distributed Generation Certification of  
FlexEnergy Energy Systems**

**250ST Microturbine**

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 April 4, 2008, Ingersoll Rand Energy Systems applied for a DG Certification of its 250 kW, 250ST microturbine and that application was deemed complete on April 9, 2008; and

WHEREAS, Ingersoll Rand Energy Systems has demonstrated, according to test methods specified in title 17, California Code of Regulations (CCR), section 94207, that its digester-gas-fueled 250ST microturbine has complied with the following emission standards:

1. Emissions of oxides of nitrogen no greater than 0.5 pounds per megawatt-hour.
2. Emissions of carbon monoxide no greater than 6.0 pounds per megawatt-hour.
3. Emissions of volatile organic compounds no greater than 1.0 pounds per megawatt-hour.

WHEREAS, Ingersoll Rand Energy Systems has demonstrated that its 250ST microturbine complies with the emissions durability requirements in title 17, CCR, section 94203 (d);

WHEREAS, Ingersoll Rand Energy Systems was issued a DG Certification on June 24, 2008, for its 250ST microturbine;

WHEREAS, on March 23, 2011, DG-028 was modified to revise the expiration date to be consistent with the DG Certification Regulation; and a DG Certification, Executive Order DG-028-A was issued;

WHEREAS, on April 4, 2011, FlexEnergy Energy Systems presented verification of the purchase of Ingersoll Rand Energy Systems, including the 250ST Microturbine technology, effective December 31, 2010, at 11:59 p.m.;

WHEREAS, FlexEnergy Energy Systems applied for a modification to DG Certificate DG-028-A for the purpose of modifying the company name; and

WHEREAS, I find that the Applicant, FlexEnergy Energy Systems has met the requirements specified in article 3, title 17, CCR, and has satisfactorily demonstrated that the 250ST microturbine meets the DG Certification Regulation 2008 Waste Gas Emission Standards.

NOW, THEREFORE, IT IS HEREBY ORDERED that Executive Order DG-028-A be modified to revise the applicant's name; and that a DG Certification, Executive Order DG-028-B, is granted superseding Executive Order DG-028-A.

This DG Certification:

- 1) is subject to all conditions and requirements of the ARB'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 2008 Waste Gas Emission Standards; and
- 3) shall expire on the 1<sup>st</sup> day of January, 2013.

Executed at Sacramento, California, this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

James N. Goldstene  
Executive Officer  
by

/S

Cynthia Marvin  
Acting Chief  
Stationary Source Division