

State of California
AIR RESOURCES BOARD
Executive Order DG-008
Distributed Generation Certification of
Turbec AB
T100 Microturbine CHP System

WHEREAS, the Air Resources Board (ARB) was given the authority under California Health and Safety Code section 41514.9 to established 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 December 15, 2004, Turbec AB applied for a DG Certification of its 100 kw, T100 Microturbine CHP System (T100 Microturbine), and whose application was deemed complete on May 30, 2005;

WHEREAS, Turbec AB has demonstrated, according to test methods specified in Title 17, California Code of Regulations (CCR), section 94207, that its natural-gas-fueled T100 Microturbine has complied with the following emission standards:

1. Emissions of oxides of nitrogen no greater than 0.5 pound per megawatt hour;
2. Emissions of carbon monoxide no greater than 6.0 pound per megawatt hour;
3. Emissions of volatile organic compounds no greater than 1.0 pound per megawatt hour; and
4. Emissions of particulate matter no greater than an emission limit corresponding to natural gas with a fuel sulfur content of no more than 1 grain per 100 standard cubic feet;

WHEREAS, Turbec AB has demonstrated that its T100 Microturbine complies with the emissions durability requirements in Title 17, CCR, section 94203 (c);

WHEREAS, I find that the Applicant, Turbec AB, has met the requirements specified in article 3, Title 17, CCR, and has satisfactorily demonstrated that its T100 Microturbine meets the 2003 DG Certification emission standards;

NOW THEREFORE, IT IS HEREBY ORDERED, that a DG Certification, Executive Order DG-008, executed at Sacramento, California on June 14, 2005, is hereby granted.

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 2003 DG Certification emission standards; and
- 3) shall expire on December 31, 2006.

Catherine Witherspoon
Executive Officer

By

/S/

Peter D. Venturini, Chief
Stationary Source Division