

Distributed Generation Certification Application

Please print or type all information.

Manufacturer _____

Mailing Address _____

City _____ State/Country _____ Zip Code _____

Contact Person _____ E-mail Address _____

Phone Number _____

Description of Technology

Model Number _____

Net Electrical Rating (kW) _____

(amount of electricity the technology can produce for work – excludes parasitic loads of the device)

Does this technology use emission control equipment? Yes No

Fuel Type _____

(e.g., natural gas, liquefied petroleum gas, digester gas, landfill gas, oil-field waste gas)

If a fuel other than California pipeline-quality natural gas was used, please include the fuel composition specifications, verification information, test methods, and higher heating value (HHV) Btu content per cubic foot at standard conditions.

Is this technology integrated with a combined heat and power (CHP) system? Yes No

Please mark the type of certification you are requesting.

First-time certification Recertification _____
(provide current Executive Order number)

Please mark the requested certification emission standards for this technology.

Zero-emission standard (voluntary certification) 2007 fossil fuel standards
 2013 waste gas standards

Emission Information

Run	1	2	3
Exhaust flow rate (dSCFM)			
Tested power output (kW)			
CHP, recoverable heat (MMBtu/hr)			
Energy input HHV (MMBtu/hr)			

Concentrations as reported (ppmvd)			
NO _x			
CO			
VOC			

Test span gas concentrations (ppmvd)			
NO _x			
CO			
VOC			

Emissions (lb/hr)			
NO _x			
CO			
VOC			

Total calculated power output (MW)			

Emissions (lb/MWh)	1	2	3	Average
NO _x				
CO				
VOC				

CHP information from water loop measurement

Run	1	2	3	Average
Water flow rate (gpm)				
Inlet temperature (deg F)				
Outlet temperature (deg F)				

Legend

CHP, recoverable heat	The amount of energy the unit transferred to the water loop during testing.
Total calculated power output	Tested power output added to the credit given for CHP, recoverable heat (at 1 MWh per 3.4 MMBtu).
NO_x	NO _x concentrations and emissions are to be reported as NO ₂ .
CO	CO concentrations and emissions are to be reported as CO.
VOC	VOC concentrations and emissions are to be reported as hexane.

Fees

Please check the box that applies.

Type of Recertification	Fee	
Zero-emission technology (voluntary certification)	\$2,500	
Zero-emission technology (voluntary recertification)	\$2,500	
First-time certification	\$7,500	
Recertification (with new source test)	\$7,500	
Recertification (without new source test)	\$2,500	

Other Required Information

1. Source test report, including:
 - Technical specifications of unit,
 - List of sampling and analytical procedures (test methods),
 - Raw test information and data,
 - Supporting calculations (electronic format is acceptable),
 - Quality assurance and control information including electric meter calibration information,
 - Justification for invalid test runs and time gaps in testing, and
 - Description of alternative procedures or methods used.
2. Documentation that the technology meets emission standards for 15,000 hours of operation.
3. Documentation that a CHP model achieves a minimum efficiency of 60 percent at 100 percent load.

Package Submittal

Enclose application forms, other required information, and check or money order payable to "California Air Resources Board" and mail to: ISD/Distributed Generation, California Air Resources Board, 1001 I Street, Sacramento, CA 95814. Questions on this application may be addressed to energy@arb.ca.gov.

Responsible Official Signature

A responsible official is an individual with authority to certify that the manufacturer will comply with all requirements and conditions set forth in any subsequent Executive Order issued pursuant to this application and sections 94201-94212 of the California Code of Regulations.

I certify that all information contained herein and submitted with this application is true, accurate, and complete.

Signature

Date

Printed Name

Title