

CALIFORNIA AIR RESOURCES BOARD
Distributed Generation Certification Program Application

Please print or type all information

Manufacturer	
Mailing Address	
City	
State/Country	
Zip or Postal Code	
Contact Person	
E-mail Address	
Telephone Number	

Description of Technology	
Model Number	
Net Electrical Rating in kW (amount of electricity the technology can produce for work—excludes parasitic loads of the device)	

Does this technology use emission control equipment? (yes or no)	
Fuel (natural gas, LPG, digester gas, landfill gas, oil-field waste gas, etc.)	
If a fuel other than CPUC quality natural gas was used, please include composition specifications and verification information, including test methods and Btu content (HHV) per cubic foot at standard conditions.	
Is this technology integrated with a combined heat and power (CHP) system? (yes or no)	

Please check the type of certification you are requesting.

First time certification	<input type="checkbox"/>	
Recertification	<input type="checkbox"/>	Please provide current Executive Order number <input type="text"/>

Please check the requested certification emission standards for this technology

zero emission standard (voluntary certification)	<input type="checkbox"/>
2007 fossil fuel standards	<input type="checkbox"/>
2008 waste gas standards	<input type="checkbox"/>
2013 waste gas standards	<input type="checkbox"/>

Emission Information

Run	1	2	3
Exhaust Flow Rate (dSCFM)			
Tested Power Output (kW)			
CHP, Recoverable Heat HHV (MMBtu/hr)			
Energy Input HHV (MMBtu/hr)			

Concentrations as Reported (ppmvd)			
NOx			
CO			
VOC			

Test Span Gas concentrations (ppmvd)			
NOx			
CO			
VOC			

Emissions (lb/hr)			
NOx			
CO			
VOC			

Total Calculated Power Output (MW)			

Emissions (lb/MW-hr)				Average
NOx				
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 MW-hr per 3.4 MMBtu).
NOx:	NOx 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 Certification	Fee	
zero emission technology (voluntary certification)	\$2,500	
zero emission technology (voluntary recertification)	\$2,500	
First time certification	\$7,500	
First time certification to 2013 waste gas emission standards prior to 2008	\$0	
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 / control information including electric meter calibration information
 - Justification for invalid test runs and time gaps in testing
 - Description of alternative procedures or methods used.
2. Documentation that the technology meets emission standards for 15,000 hours of operation. Attach spreadsheets as necessary.
3. Documentation that a combined heat and power model achieves a minimum efficiency of 60% at 100% load. Attach spreadsheets as necessary

Package Submittal

Enclose application forms, other required information, and check or money order payable to "Air Resources Board" and mail to:

ISD/Distributed Generation
Air Resources Board
1001 I Street
Sacramento, CA 95814

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