

Distributed Generation Certification Application

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This application form is intended for use by electricity generating equipment manufacturers that wish to apply for certification of equipment under the [Distributed Generation Certification Regulation \(DG Regulation\)](#).

Manufacturer:	Contact Person:
Street Address:	Telephone:
City, State or Province, Country, Postal Code:	Email Address:

DG Regulation Applicability

The technology is not eligible for certification under the DG Regulation if **any** of the Regulation’s section 94201 exemption criteria apply (i.e., if “Yes” is checked for any item below). For each item below, check one applicable box. Check “Other” if “Yes” or “No” do not apply for all potential installations. If “Other” is checked, the applicant must provide additional information (indicated below) and [consult with CARB staff](#).

- Yes No The technology does not emit an air contaminant when operated.
- Yes No The technology is portable.
- Yes No Other The technology is used (by end users) **only** when electrical or natural gas service fails or for emergency pumping of water for fire protection or flood relief. If “Other” is checked, attach an explanation of potential uses (e.g., describe conditions under which electrical power output is anticipated to be used, estimated annual hours of operation).
- Yes No Other The technology is subject to an air pollution control/air quality management district’s permitting requirements. In other words, the technology will require an air district permit for the intended application(s). If “Other” is checked, attach an explanation of potential permitting situation(s).

Description of Technology

Model Number:	Net Electrical Rating (Excludes parasitic loads) (kW):
Does this technology use emission control equipment? <input type="checkbox"/> Yes <input type="checkbox"/> 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, attach 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? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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Mark the type of certification you are requesting.

- First-time certification Recertification (provide Executive Order number):

Mark the requested certification emission standards for this technology.

- Zero-emission standard 2007 fossil fuel standard 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)	1	2	3
NO _x			
CO			
VOC			

Test Span Gas Concentrations (ppmvd)	1	2	3
NO _x			
CO			
VOC			

Emissions (lb/hr)	1	2	3
NO _x			
CO			
VOC			
Total calculated power output (MW)			

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

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CHP Information from Water Loop Measurement

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

Check the box that applies.

Type of Certification	Fee
<input type="checkbox"/> Zero-emission technology (voluntary certification)	\$2,500
<input type="checkbox"/> Zero-emission technology (voluntary recertification)	\$2,500
<input type="checkbox"/> First-time certification (with new source test)	\$7,500
<input type="checkbox"/> First-time certification (without new source test)	\$2,500
<input type="checkbox"/> Recertification (with new source test)	\$7,500
<input type="checkbox"/> Recertification (without new source test)	\$2,500

Other Required Information

- 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.
- Documentation that the technology meets emission standards for 15,000 hours of operation.
- Documentation that a CHP model achieves a minimum efficiency of 60 percent at 100 percent load.

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Package Submittal

Enclose this application form and check or money order payable to “California Air Resources Board” and mail to: Accounting Office, California Air Resources Board, P.O. Box 1436, Sacramento, CA 95812. An electronic version of the complete application package, including this application form, other required information, and a photocopy of the payment must be emailed to dq@arb.ca.gov. Questions on this application may be addressed to dq@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: