

PUBLIC SERVICE COMPANY OF NEW MEXICO  
APPLICATION FOR INTERCONNECTION  
CUSTOMER-OWNED GENERATING FACILITIES

An application fee of \$50.00 for customer-owned generating (COG) facilities with a design capacity less than 100 kW and \$500.00 for COG facilities with a design capacity of 100kW or greater must accompany this Application for Interconnection. This application fee will be applied toward the interconnection costs the Applicant is obligated to pay Public Service Company of New Mexico (PNM). Please attach a check made payable to PNM in the appropriate amount at the time this Application for Interconnection is submitted.

PART 1 - GENERAL PROJECT FACILITY INFORMATION	
PROJECT DEVELOPER NAME (MAJORITY OWNER IF JOINT VENTURE)	PHONE (    )
ADDRESS (STREET, CITY, STATE, ZIP CODE)	
LEGAL OWNER	PHONE (    )
CONTACT (IF DIFFERENT FROM PROJECT DEVELOPER)	

**PROJECT MAILING ADDRESS**


**PROJECT DELIVERY ADDRESS (for Federal Express)**


**PROJECT SITE CONTACT**

NAME	TITLE
PHONE (DAYTIME) (    )	PHONE (AFTER HOURS) (    )

Please provide a brief narrative description of the facility and describe any unique characteristics of the facility.

PRIME MOVER(S)
PRIMARY ENERGY SOURCE TO BE USED BY THE FACILITY OIL    NATURAL GAS    OTHER (PLEASE SPECIFY)

Power production capacity of the facility (derated gross capacity less auxiliary loads)

SYNCHRONOUS <div style="text-align: right; margin-right: 10px;">KW</div>	INDUCTION <div style="text-align: right; margin-right: 10px;">KW</div>
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Construction Dates

ESTIMATED START	ESTIMATED COMPLETION
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Estimated date the facility will begin operations (dates and capacities)

INITIAL PHASE OUTPUT (MAXIMUM)	KW	DATE
INTERMEDIATE PHASE OUTPUT (MAXIMUM)	KW	DATE
FINAL PHASE OUTPUT (MAXIMUM)	KW	DATE

PART II - TECHNICAL INFORMATION PERTAINING TO INTERCONNECTION AND PARALLELL OPERATION			
PROJECT LOCATION			
COUNTY		NEAREST COMMUNITY	SITE ALTITUDE
TOWNSHIP	RANGE	SECTION	
*** OR ***			
STREET ADDRESS		NEAREST INTERSECTION	

The fault study and protection analysis for the entire facility must be provided to PNM if, in PNM's judgment, such a study is necessary for PNM to verify at the point of interconnection the safety and the proper application and operation of the interconnection equipment, the study to be conducted by a New Mexico Licensed Professional Electrical Engineer.

Please attach to this form:

- A one-line electrical diagram of the Project showing the protective devices, equipment ratings, and transformer connections. For COG facilities with a design capacity greater than 10 kVA, this diagram must be stamped or sealed by a New Mexico Licensed Professional Electrical engineer certifying that the design of the COG and its interconnection equipment complies with PNM's Interconnection and Safety Standards, a copy of which will be provided upon request, and prudent electrical engineering practices.
- A list of the protective devices referenced in the above one-line electrical diagram. This will include, but is not limited to fuses, circuit breakers, protective relays, synchronizing and disconnecting devices, etc., with the manufacturer and model number information included.
- The proposed operating procedure for the facility. The proposed operating procedure should describe the intended step-by-step sequence for connecting and/or disconnecting breakers and disconnects from PNM's system under normal operating conditions and contingency conditions.
- The proposed engineering design and construction schedule. It is recommended that the engineering design schedule include estimated completion dates for milestones such as conceptual design, detailed design (including relays, settings, and other necessary studies) and final design. It is recommended that the construction schedule include estimated completion dates for milestones such as equipment ordering, equipment delivery, equipment installation and pre-parallel inspection.

NOTE: The above requested attachments, in addition to the other information on this form, represent the minimum information required by PNM to furnish the Applicant a good faith, detailed list of required interconnection equipment and an itemized estimate of the costs that the Applicant will have to pay PNM for interconnection. The completed form with the above requested attachments is not sufficient for authorizing interconnected, parallel operation of the COG. Prior to authorizing parallel operation of the COG, PNM must observe and participate in the pre-parallel inspection of the COG interconnection facilities. Prior to the pre-parallel inspection the following additional information will be required:

- A three-line electrical diagram that shows the three-phase connection of all the protective devices.
- A connection diagram of all the interconnection equipment that shows how the devices will be physically located and electrically connected on-site.
- A list of the protective devices and their proposed settings.
- A D.C. control and protection schematic.

Upon PNM's acceptance of the pre-parallel inspection, written authorization to operate in parallel will be provided as soon as a permanent and weatherproof one-line diagram and permanent and weatherproof map of the facility have been installed at the point of service connection to PNM. It is recommended that the Applicant obtain PNM's approval of the final interconnection design based upon the above referenced information prior to purchasing equipment.

GENERATOR DATA

COMPLETE THIS SECTION SEPARATELY FOR EACH GENERATOR IN THE PROJECT

GENERATOR NUMBER: 1 2 3 4

GENERATOR TYPE		INDUCTION	SYNCHRONOUS
RATED OUTPUT		KVA	ALTITUDE ADJUSTED OUTPUT
RATED POWER FACTOR		%	
RATED VOLTAGE		V	
INERTIA CONSTANT (WHEN AVAILABLE)		LB.-FT. <sup>2</sup>	

PRIME MOVER DATA

PRIME MOVER TYPE		RECIPROCATING	TURBINE
RATING		HP	ALTITUDE ADJUSTED RATING
INERTIA CONSTANT (WHEN AVAILABLE)		LB.-FT. <sup>2</sup>	MANUFACTURE MODEL NUMBER AND TYPE

GENERATOR REACTANCE		BASE
SYNCHRONOUS (x d)	%@	KVA
TRANSIENT (x 'd)	%@	KVA
SUBTRANSIENT (x''d)	%@	KVA
NEGATIVE SEQUENCE (x <sub>2</sub> )	%@	KVA
ZERO SEQUENCE (X <sub>0</sub> )	%@	KVA

TRANSFORMER

HIGH VOLTAGE KV	HIGH VOLTAGE CONNECTION	IS THE CONNECTION SOLIDLY GROUNDED?
	Δ Y	YES NO
LOW VOLTAGE KV	LOW VOLTAGE CONNECTION	IS THE CONNECTION SOLIDLY GROUNDED?
	Δ Y	YES NO
IMPEDENCE %	RESISTANCE %	REACTANCE %
		@ KVA
AVAILABLE TAPS		

INVERTER DATA

TYPE	
RATED OUTPUT	KVA
RATED POWER FACTOR	%
RATED VOLTAGE	V

This application must be signed by the Applicant (or an authorized officer or agent of the Applicant). Applicant shall reimburse PNM for all reasonable expenses involved in the interconnection of the project. Applicant shall have the

opportunity to examine a statement of the costs incurred. Applicant shall retain the right to challenge PNM's interconnection costs, requirements, and practices before the New Mexico Public Regulation Commission (NMPRC).

No information in this application will be considered confidential unless a written agreement is made with PNM prior to the submission of the application. However, in no event will information on the application which is required by the NMPRC be withheld from the NMPRC.

Applicant certifies that to the best of its knowledge all the information in the application is correct.

Applicant agrees that if any material information required on this application is missing, is incorrect, is materially changed, or is falsified, the application may be rejected by PNM.

All appendices and other supplemental attachments are made a part of this application.

Applicant agrees to supply further information as PNM may reasonably require to determine the necessary interconnection facilities or costs, and that the application may be suspended while PNM is awaiting such information.

Applicant agrees any application which in the opinion of PNM requires a system stability study will be suspended until such a study can be completed. PNM agrees not to contract to have a specialized engineering study until Applicant is notified and pays the cost of the study.

Applicant recognizes it is responsible for payment of all costs of interconnection. If PNM incurs any of the costs of interconnection, Applicant shall reimburse PNM for such costs. The estimated costs for interconnection shall be paid to PNM by Applicant 60 days prior to interconnection. Actual costs in excess of the estimated costs shall be paid by the Applicant to PNM within 30 days.

Applicant understands and agrees to abide by the requirements of the PNM Interconnection and Safety Standards approved by the NMPRC for COG facilities.

Acceptance of this application or any future actions by PNM are not and shall not be construed to be an endorsement or warranty of the project, its equipment, operation, safety, or reliability.

The Applicant must ensure that the facility and all equipment connected therewith comply with the National Electrical Code, the National Electrical Safety Code and/or any applicable local, state, and federal government requirements, whichever are stricter.

DATE
TYPE OR PRINT NAME
AUTHORIZED SIGNATURE
TITLE
% PROJECT OWNERSHIP