

Jemez Mountains Electric Cooperative, Inc.
Simplified Interconnection Application
Certified Inverter-Based Generating Facilities
With a Rated Capacity up to and including 10kW AC

This Application is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Application may be required.

A. Processing Fee

A fee of \$50.00 must accompany this Application.

B. Interconnection Customer

Name: _____

Contact Person: _____

Address: _____

City/State/Zip: _____

Telephone (Day): _____ (Evening): _____

Fax: _____ E-Mail Address: _____

C. Engineering Firm (If Applicable):

Contact Person: _____

Address: _____

City/State/Zip: _____

Telephone (Day): _____ (Evening): _____

Fax: _____ E-Mail Address: _____

D. Contact (if different from Interconnection Customer):

Name: _____

Contact Person: _____

Address: _____

City/State/Zip: _____

Telephone (Day): _____ (Evening): _____

Fax: _____ E-Mail Address: _____

E. Owner of the Facility (include % ownership by any electric utility):

Owner Name: _____ % Ownership: _____

F. Generating Facility Information:

Location (if different from above): _____

G. Electric Service Company:

Name of Company: Jemez Mountains Electric Cooperative, Inc.

H. Account Information:

Member Number: _____ Meter Number: _____

I. Generator 10 kW Inverter Process:

Inverter manufacturer: _____

Model: _____

Nameplate Rating (kW) (kVA) (AC Volts): _____

Single Phase: _____ Three Phase: _____

System Design Capacity: _____ (kW) _____ (kVA)

J. Prime Mover (circle one):

Photovoltaic, Reciprocating Engine, Fuel Cell, Turbine or Other (describe)

K. Energy Sources (circle one):

Solar, Wind, Hydro, Diesel, Natural Gas, Fuel Oil or Other (describe)

L. Is the equipment UL1741 Listed?

Yes _____ No _____

If yes, attach manufacturer's cut-sheet showing UL1741 listing.

M. Estimated Time:

Estimated Installation Date: _____

Estimated In-Service Date: _____

The 10 kW Inverter Process is available only for inverter-based Generating Facilities no larger than 10 kW that meet the codes, standards, and certification requirements of Attachment 3 of the Generator Interconnection Procedures (SGIP), or the QRU has reviewed the design or tested the proposed Generating Facility and is satisfied that it is safe to operate.

N. List components of the Generating Facility equipment package that are currently certified:

Equipment Type Certifying Entity

1. _____

2. _____

3. _____

4. _____

O. Interconnect Customer Signature:

I hereby certify that, to the best of my knowledge, the information provided in this Application is true. I agree to abide by the Terms and conditions for Interconnection an Inverter-Based Generation Facility No Larger than 10 kW contained in the New Mexico Interconnection Manual, Exhibit 3A and return the notice of completion when the Generating Facility has been installed.

Signed: _____

Date: _____

P. Utility Signature:

The undersigned Utility agrees to abide by the Terms and Conditions contained in the New Mexico Interconnection Manual, Exhibit 3A and that optional paragraph 6.0 Indemnification applies does not apply.

Signed: _____

Title: System Engineer

Date: _____

Jemez Mountains Electric Cooperative, Inc

Certificate of Completion

Electric Power Interconnection of Renewable Energy Generators that are 10kW or less

I hereby certify that the distributed generation facility submitted by application to Jemez Mountain Electric Cooperative (JMEC) by me or my representatives has been installed and successfully tested and is ready for inspection by JMEC. I further certify that the equipment installed is the same as identified on the final Interconnection Application accepted and approved by JMEC.

Generator size: _____

Interconnection voltage at the point of common coupling: _____

Inverter make and manufacturer: _____.

Installing contractor or individual:

Name: _____

Address: _____

Interconnector Contact information:

Email _____

Phone _____

Name: _____ (print or type) Date: _____

Signature: _____

Jemez Mountains Electric Cooperative, Inc.

Consumer Guidelines

for Electric Power Interconnection of Renewable Energy Generators that are 10kW or less

These guidelines are intended to assist you with installing small electric generators on your premises. They are applicable only to generators that are rated 10 kilowatts or less and you plans to connect to and operate in parallel with the Jemez Mountain Electric Cooperative, Inc. (JMEC).

For the safety of the system and all cooperative members, JMEC will need to ensure that your generation equipment is installed in a proper and safe manner, and in accordance with all applicable codes, standards, regulations, laws and insurance requirements. In most of these cases, you will also need to coordinate the installation and approval of your electric power generator with the local code inspection authority. JMEC engineers and customer service representatives will be glad to assist you in any part of this process.

The rules for Generator Interconnections to the JMEC system are established by the New Mexico Public Regulation Commission (NMPRC). You are encouraged to read NMPRC rules and the Small Generator Interconnection Manual (see links above).

1. You will need to complete and submit the interconnect application form to JMEC engineering department along with \$50 application fee payable to JMEC.
2. JMEC will advise (within 5 days) if your application is complete or needs more information.
3. Once the application accepted as complete JMEC will perform a quick technical analysis of the information provided.
4. Once the application is approved JMEC will submit (within 5 days) a signed Interconnection Contract for execution by you. If there are problems with the application or equipment, JMEC will advise you what the problems are and work with you to get them resolved.
5. Submit Certificate of Completion.
6. JMEC representative will go on site and inspect the facility (with in 10 business days) and schedule net meter installation. If at any time JMEC deems the facility unsatisfactory, facility will be disconnected.
7. JMEC engineering department will notify you (within 5 business days) in writing that your facility is authorized to be placed in service.

Sample bill calculation for regular residential customers

Bill Date	Date of Meter Read	Positive Meter Reading	Positive KWH Usage	Negative Meter Reading	Negative KWH Produced	Days Of Service	Positive Energy Plus \$11.50 Facility Charge	Negative Energy
5/28/10	5/26/10	7026	304	10290	637	29	36.24	-51.84
4/28/10	4/27/10	6722	433	9653	709	32	46.74	-57.7
DCA	Fuel Adjustment Factor	Fuel Adjustment Charge	Tax	Total Bill Amount				
-0.27	0.014358	-4.79	1.93	-18.73				
-0.32	0.014186	-3.92	2.63	-12.57				

Positive Energy Charge Breakdown for May Bill
 $7026 - 6722 = 304 \times 0.08138 + 11.50 = 36.24$

Negative Energy Charge Breakdown for May Bill
 $10290 - 9653 = 637 \times (.08138) = (51.84)$

Fuel Adjustment Charge Breakdown for May Bill
 $304 \times .014358 = 4.36$
 $637 \times (.014358) = (9.14)$
 $4.36 - (9.14) = (4.78)$

Bill Calculation for May Bill

$$36.24 + (51.84) + (.27) + (4.79) + 1.93 = (18.73)$$