

# **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

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