



CENTRAL ELECTRIC COOPERATIVE, INC.

Solar Photovoltaic Rebate Application

Eligibility: Solar photovoltaic (PV) systems installed within CEC service territory that have a valid net metering agreement with CEC. The rebate from the Bonneville Power Administration (BPA) is \$0.50 per nominal watt of generating capacity with a maximum rebate of \$1500 for an approved system. Note: BPA programs are subject to change without notice.

Procedure:

1. The homeowner obtains the Net Metering agreement from CEC. The homeowner completes the agreement and returns it to CEC before installing the system.
2. After CEC reviews and approves the agreement, a copy of the approved application is returned to the homeowner. Receipt of the approved application is authorization to proceed with the installation. The system is installed in accordance with the CEC Net Metering Agreement.
3. Once the system has been installed the homeowner contacts the CEC Meter Shop (548-2144, Ext. 239) and requests an inspection of the PV system.
4. CEC will inspect the installation. Once the system passes the inspection the rebate check is mailed to the homeowner.

BPA Rebate Requirements - Solar PV systems that meet the following criteria may be eligible for a BPA financial incentive. BPA programs are subject to change without notice.

- PV modules and inverters must be certified by the California Energy Commission. The list of certified modules and inverters are posted on the California Energy Commission website (<http://www.consumerenergycenter.org/erprebate/equipment.html>)
- PV modules must be listed as meeting the requirements of the Underwriters Laboratory Standard 1703.
- PV systems must be warranted as follows:
- The warranty must cover the PV panel components of the generating system against breakdown or degradation in electrical output of more than 20 % from their originally rated output in the first 20 years, and (b) Other components of the generating system against breakdown or degradation for 5 years including the full cost of repair or replacement of defective components or systems.

Owner Name (Please Print) _____ Date _____

Building Address _____ City _____ Zip _____

Mailing Address _____ City _____ Zip _____

Daytime Phone (H) _____ (W) _____

- The Owner acknowledges that CEC will approve the job for payment only after it has been determined that the job meets BPA / CEC specifications and/or standards.
- The Owner acknowledges that if these instructions are not followed CEC is under no obligation to grant or disburse program funds.

Owner Signature _____ Date _____

CEC Representative _____ Date _____

Rev. 2/13/2008

CENTRAL ELECTRIC COOPERATIVE, INC.

NET METERING AGREEMENT

This Agreement dated and effective this day of _____, _____, by and between **Central Electric Cooperative, Inc. ("CEC")** and _____ ("Customer-generator").

Whereas Customer-generator wishes to sell and CEC wishes to purchase energy produced by the approved net-metering facility:

Now, Therefore, the parties agree to the following Terms and Conditions:

1. **Approval:** Customer-generator shall not commence construction of the net-metering facility until CEC has issued written approval for its installation.
2. **Net-metering Facility:** Customer-generator's net-metering facility shall mean the generating facility described in Exhibit A. This facility shall employ solar, wind, fuel cell or hydroelectric power generation with a maximum output capacity of twenty five (25) kilowatts. This facility shall be located on the Customer-generator's premises and will interconnect and operate in parallel with CEC's electric power supply system. The operation of the net-metering facility is intended primarily to offset part or all of Customer-generator's own electrical requirements. Customer-generator shall be responsible for the design, installation and operation of the net-metering facility and shall obtain and maintain all required permits and approvals. This agreement is applicable only to the net-metering facility described in Exhibit A. Any modifications to the net-metering facility can only be made following the written approval of CEC.
3. **Term:** This agreement shall commence on the date established above and terminate with any change in ownership or by written agreement, signed by both parties. Further, if Customer-generator is in default hereunder, CEC shall have the right to terminate this Agreement if Customer-generator fails to cure its default within 10 days of the date CEC notifies Customer-generator of the default.
4. **Definition:** Net energy is the difference between electrical energy consumed by the Customer-generator from CEC's electrical supply system and the electrical energy generated by the Customer-generator and fed back into CEC's electrical supply system.
5. **Measurement of Net Energy:** Bi-directional metering equipment shall be installed to measure the flow of electrical energy in each direction. This equipment shall be installed at CEC's expense. This equipment shall be used only to provide information necessary to accurately bill or credit the Customer-generator or to collect electric generating system performance information for research purposes.
6. **Price and Payment Methodology:** All service shall be billed pursuant to CEC's appropriate Rate Schedule. Credits for the net energy flow into CEC's electrical supply system shall be apportioned according to the Net Metering Service, Schedule N.

7. **Interconnection:** Customer-generator shall provide the electrical interconnection on their side of the meter. At Customer-generator's expense, CEC shall make reasonable modifications to CEC's system necessary to accommodate the net-metering facility. The cost for such modifications shall be determined on a case by case basis and is due in advance of installation. The net-metering facility shall include, at Customer-generator's expense, all equipment necessary to meet applicable safety, power quality, and interconnection requirements established by CEC's policies, the National Electrical Code, National Electrical Safety Code, the Institute of Electrical and Electronic Engineers, the Oregon State Building Code and Underwriters Laboratories.
8. **Disconnection:** Customer-generator shall furnish and install, on their side of the meter, a disconnecting device capable of fully disconnecting and isolating the net-metering facility from CEC's electric supply system. The disconnecting device shall be located adjacent to CEC's bi-directional metering equipment and shall be of the visible break type in a metal enclosure that can be secured by a padlock. The disconnecting device shall be accessible to CEC's personnel at all times and shall conform to National Electric Code standards. CEC shall have the right to disconnect the net-metering facility from CEC's electric supply system when necessary in order to maintain safe and reliable electrical operating conditions. Also, Co-op shall have the right to disconnect the net-metering facility if, in CEC's sole judgment, the operation of the net-metering facility at any time adversely affects the operation of CEC's electrical system or the quality and reliability of CEC's electrical service to other customers. The net-metering facility shall remain disconnected until such time as Co-op is satisfied, in its sole judgment, that condition(s) causing the disconnection have ended or have been corrected. Exceptions to this disconnect rule may be made at the sole discretion of CEC for locations where a certified inverter-based system with up to 30 amps of connected generation is installed.
9. **Operational Standards:** Customer-generator shall furnish, install, operate and maintain in good order and repair, all without cost to CEC, all equipment required for the safe operation of the net-metering facility operating in parallel with CEC's electrical supply system. This shall include, but not be limited to, equipment necessary to (1) establish and maintain automatic synchronism with CEC's electric supply system and (2) automatically disconnect the net-metering facility from CEC's electrical supply system in the event of overload or outage of CEC's electrical supply system. The net-metering facility shall be designed to operate within allowable operating standards for CEC's electrical supply system. The net-metering facility shall not cause any adverse effects upon the quality or reliability of service provided to CEC's other customers.
10. **Installation and Maintenance:** Except for the bi-directional metering equipment owned and maintained by CEC, all equipment on Customer-generator's side of the delivery point, including the required disconnecting switch, shall be provided and maintained in satisfactory operating condition by Customer-generator, and shall remain the property and responsibility of the Customer-generator. CEC shall bear no liability for Customer-generator's equipment or for the consequences of its operation.

11. **Indemnity and Liability:** Each Party as indemnitor shall defend, hold harmless, and indemnify the other Party and the directors, officers, employees, and agents of the other Party against and from any and all loss, liability, damage, claim, cost, charge, demand, or expense (including any direct, indirect or consequential loss, liability, damage, claim, cost, charge, demand, or expense, including attorney's fees) for injury or death to persons, including employees of either Party, and damage to property, including property of either Party, arising out of or in connection with (a) the engineering, design, construction, maintenance, repair, operation, supervision, inspection, testing, protection or ownership of the indemnitor's facilities, or (b) the making of replacements, additions, betterments to, or reconstruction of the indemnitor's facilities, provided, however, Customer-generator's duty to indemnify CEC hereunder shall not extend to loss, liability, damage, claim, cost charge, demand, or expense resulting from interruptions in electrical service to CEC's customers other than Customer-generator. This indemnity shall apply notwithstanding the active or passive negligence of the indemnitee. However, neither Party shall be indemnified hereunder for its loss, liability, damage, claim, cost, charge, demand, or expense resulting from its sole negligence or willful misconduct.

12. **Pre-Operation Inspection:** Prior to interconnection and operation, the net-metering facility and associated interconnection and disconnection equipment shall be inspected and approved by the state electrical inspector and by any other governmental authority having jurisdiction.

13. **Access:** Authorized CEC employees shall have the right to enter the Customer-generator's property at any time for the purpose of inspecting and/or testing the disconnecting device and bi-directional metering equipment in order to insure proper operations and compliance with applicable regulations.

IN WITNESS WHEREOF, the parties hereto have caused two originals of this Agreement to be executed by their duly authorized representatives. This Agreement is effective as of the latter of the two dates set forth below.

CUSTOMER-GENERATOR

**CENTRAL ELECTRIC
COOPERATIVE, INC.**

NAME (PRINT) _____

NAME (PRINT) _____

SIGNATURE _____

SIGNATURE _____

DATE _____

TITLE _____

DATE _____

CENTRAL ELECTRIC COOPERATIVE, INC. NET METERING AGREEMENT

Section 1. Customer-generator Information

Name _____

Mailing Address _____

Street Address _____

Daytime Phone _____ Evening Phone _____

CEC Customer Account Number (from utility bill, if known): _____

Section 2. Net-metering Facility Information

System Type (Check Box): Solar Wind Fuel Cell Hydroelectric

Generator Size (kW AC) _____ Inverter Manufacturer _____

Inverter Model # _____ Inverter Location _____

PV Module Brand & Model No. (if applicable) _____

Section 3. Electrician Information

Licensed A.C, Electrician Name _____ Permit # _____

Electrician’s Business Name _____

Mailing Address _____

Daytime Phone _____

Section 4. Certification(s)

1. (If an inverter is used) The net metering facility’s inverter meets the requirements of IEEE 929, “Recommended Practice for Utility Interface of Photovoltaic (PV) Systems” and Underwriters Laboratories (UL) Subject 1741, “Standard for Static Inverters and Charge Controllers for Use in Photovoltaic Power Systems”; and the National Electric Code (NEC), Article 705.

Signature (Vendor or Installer) _____ Date _____

Name (Printed) _____ Company _____

Address _____

Central Electric Co-op Inspection

- 1. By-directional meter installed. Service order number _____
- 2. System disconnect installed. Type: _____
- 3. Operational test complete: Pull meter or operate disconnect, check voltage output to service.
- 4. Oregon State electric code tag. _____
- 5. Net meter generation plant security and safety. (ie) conduits, switch covers, exposed wire.

CEC Representative

Signed: _____

Title: _____

Date: _____