



RENEWABLE ENERGY PROGRAM—Step 1, Section 1 ENROLLMENT FORM FOR LEASED RESIDENTIAL AND SMALL COMMERCIAL PHOTOVOLTAIC AND WIND TURBINE SYSTEMS

For residential and commercial systems, the combined generation capacity at the location is limited to a maximum of 125% of the total connected load and is limited to one installation per service entrance*.

Effective January 2019, Mohave Electric Cooperative's Renewable Energy Program, as approved by the Arizona Corporation Commission, sets forth the following requirements for MEC to interconnect alternative energy systems** leased by its members:

- 1) You select and have installed a qualifying solar electric system, wind turbine, or other renewable energy technology at your home or business. This home or business must be served by MEC and occupied by an MEC member. Furthermore, your system must meet all qualifications listed in the following "Qualifications" section.
- 2) You must use a licensed electrical or solar contractor to install the system and the installation must meet IEEE standards, the National Electric Code, as well as the MEC Interconnection standards. (See Interconnect Agreement, Step 2). The contractor must also certify the system's installed nameplate capacity in watts.
- 3) You sign an agreement assigning and conveying rights to the associated environmental attributes, such as Renewable Energy Credits (RECs) to MEC for the life of the system.
- 4) The qualified Distributed Generation facility may be eligible for Distributed Generation Service. Please refer to the terms and conditions in the Distributed Generation Service application and the ACC approved Distributed Generation Service Tariff.
- 5) The Lessor, the owner of the renewable energy system, is responsible for payment of normal system repairs and maintenance to the unit, including labor.
- 6) In order to interconnect on Distributed Generation Service, you must submit the following to MEC:
 - a. Verification from a MEC representative that the installed unit meets the qualifications as set out in the Renewable Energy Program Systems Qualifications page
 - b. Proof of code inspection of the installation and of the system's installed nameplate capacity in watts certified by a licensed contractor. Failure to pass a code inspection and have a licensed contractor perform the installation and certify the system's output will result in refusal of the rebate
 - c. A System Qualifications-Contractor Certification form initialed by the contractor (Step 3)
 - d. Copies of all building permits and inspection cards
 - e. Keep a copy of all documents for your records
- 7) **After reading the instructions in Step 1, Section 1, member(s) are required to initial: _____(member initials)**

Submit documents to:

Mohave Electric Cooperative, Inc.
Energy Management Department
PO Box 22530
Bullhead City, AZ 86439
Phone: 928-763-1100 (ask for Energy Management Department)
FAX: 928-763-7357

* A service entrance is the electric meter location and associated wiring on the member's premises.

** Those renewable energy technologies which qualify for inclusion in the Arizona Corporation Commission Renewable Energy Standard & Tariff.

The customer's 125% total connected load limit shall be determined:

a. In the absence of demand data (for residential and small business) the highest 12 months (Calendar Year) kWh consumption in the previous three years will be divided by 2190 (to determine the 100% capacity level in kW which will achieve a "net zero" home or business) and multiplied by 125%

b. For customers with a demand history it will be 125% of the highest demand in the most current 12-month period



RENEWABLE ENERGY PROGRAM Leased system—Step 1, Section 2

ENROLLMENT FORM

To be completed by member:

PLEASE PRINT Name(s): _____

Address: _____

Phone: _____

Mohave Electric Account #: _____ Meter # _____

Service Address (if different): _____

Description of Renewable Energy Resource: _____

Projected Cost: _____

Have you applied for or received other funding for this system? _____ YES _____ NO

If yes, what is the source and amount? _____

System Installation *Projected* Completion Date: _____

Are you applying for Distributed Generation? _____ YES _____ NO (*If yes, a completed Distributed Generation Service application is also required to be submitted with the Interconnect agreement*).

By signing below, I am assigning and conveying my rights to the associated environmental attributes, such as Renewable Energy Credits (RECs) to MEC for the life of the system.

I understand that the lessor is the owner of the equipment, and is fully responsible for the unit's operation and safety. The lessor will pay for normal system maintenance and repairs to the unit, including labor.

I affirm that I will not activate or operate the system prior to passing the MEC system verification.

I agree to allow MEC to verify my unit after installation, to ensure it meets requirements set forth in the Renewable Energy Program Systems Qualifications documentation (see section 4). I agree that MEC is not in any way responsible for the unit, its safety, operation, insurance or repair.

I, _____, hereby certify that I have read and reviewed the
(print name)

Renewable Energy Program Systems Qualifications. I understand that I am solely responsible for ensuring that these qualifications are met and maintained for the life of my electric generating system and I am responsible for any consequences if they are not met. I understand they are needed for safe operation of my and MEC's electrical system.

I warrant that this application was executed by the person whose name appears below and that they are members of the Cooperative.

DATE _____ MEMBER SIGNATURE(S) _____

MEC reserves the right to refuse interconnection of a renewable energy system based on the following reasons, including but not limited to: failure to meet the qualifications set forth in the Renewable Energy Program Systems Qualifications documentation, incomplete enrollment packets, insufficient system testing or certification, installation and/or testing/certification by an unlicensed electrician.

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For Office Use Only

Enrollment certified by Mohave Electric

Authorized Representative of Mohave Electric Cooperative, Inc.

Date





RENEWABLE ENERGY PROGRAM Leased system—Step 1, Section 3

SYSTEM QUALIFICATIONS

All member leased renewable energy system components must meet the following system and installation requirements to be connected to the MEC electric distribution system. Your licensed contractor will be required to initial compliance with the following items upon completion of system installation. (Refer to System Qualifications Contractor Certification—Step 3)

1. The system components must be certified as meeting the requirements of IEEE-929 – Recommended Practice for Utility Interface of Photovoltaic Systems.
2. The system components must be certified as meeting the requirements of UL – 1741 – Power Conditioning Units for use in Residential Photovoltaic Power and be covered by a non-prorated manufacturer’s warranty of at least two years.
3. The system design and installation must meet all requirements of the latest edition of the National Electric Code (NEC), including Article 690 and all grounding, conductor, raceway, over-current protection, disconnect and labeling requirements.
4. The system and installation must meet the requirements of all federal, state and local building codes and have been successfully inspected by the building official having jurisdiction. To do so, the installation must be completed in accordance with the requirements of the latest edition of the NEC in effect in the jurisdiction where the installation is being completed, including, without limitation, Sections 200-6, 210-6, 23070, 240-3, 250-26, 250-50, 250-122, all of Article 690 pertaining to photovoltaic systems, thereof, all as amended and superseded.
5. A wind turbine system must be certified as meeting the requirements of UL – 1741 – Standard for Safety for Inverters, Converters, Controllers, and Interconnection System Equipment for Use with Distributed Energy Resources, 1st Edition; IEEE 1547 – 2003; CAN/CSA-C22.2 No 107.1-01, 3rd Edition.
6. An AC disconnect means shall be provided on all ungrounded AC conductors and shall consist of a lockable gang-operated disconnect clearly indicating open or closed. The switch shall be visually inspected to determine that the switch is open. The switch shall be clearly labeled stating “Renewable Energy System AC Disconnect.”
7. All system installations must be completed in a professional, workman-like and safe manner.
8. All system installations must be completed by a licensed electrical contractor. NO EXCEPTIONS.
9. It is recommended that the member have a separate member-owned meter to measure the output of the member-owned renewable energy system.
10. A lock will be installed to prevent operating the system prior to the MEC verification. ***The system is not to be activated or operated until after it passes the MEC verification.***