



## RENEWABLE ENERGY INCENTIVE PROGRAM—Step 3

### SYSTEM QUALIFICATIONS - CONTRACTOR CERTIFICATION

**CUSTOMER/PROJECT NAME:** \_\_\_\_\_

**MEC Energy Management Specialist will notify member when all systems qualifications have been met and the system may begin operation.**

All member-owned renewable energy system components must meet the following system and installation requirements to be connected to the MEC electric distribution system. The licensed contractor installing the system is required to initial compliance with the following items upon completion of system installation:

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240-3, 250-26, 250-50, 250-122, all of Article 690 pertaining to photovoltaic systems, thereof, all as amended and superseded.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. \_\_\_\_\_ Installer of this system certifies that the system will not operate, and will install a lock to prevent operating, in parallel to the MEC distribution system until the system passes the MEC verification.

CERTIFIED BY:

\_\_\_\_\_  
Electrical Contractor Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
ROC Number

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**FORWARD CONTRACTOR CERTIFICATION TO:**

Mohave Electric Cooperative, Inc.  
Energy Management Department  
PO Box 1045  
Bullhead City, Arizona 86430  
Phone: 928-763-1100 FAX: 928-763-7357

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**For Office Use Only**  
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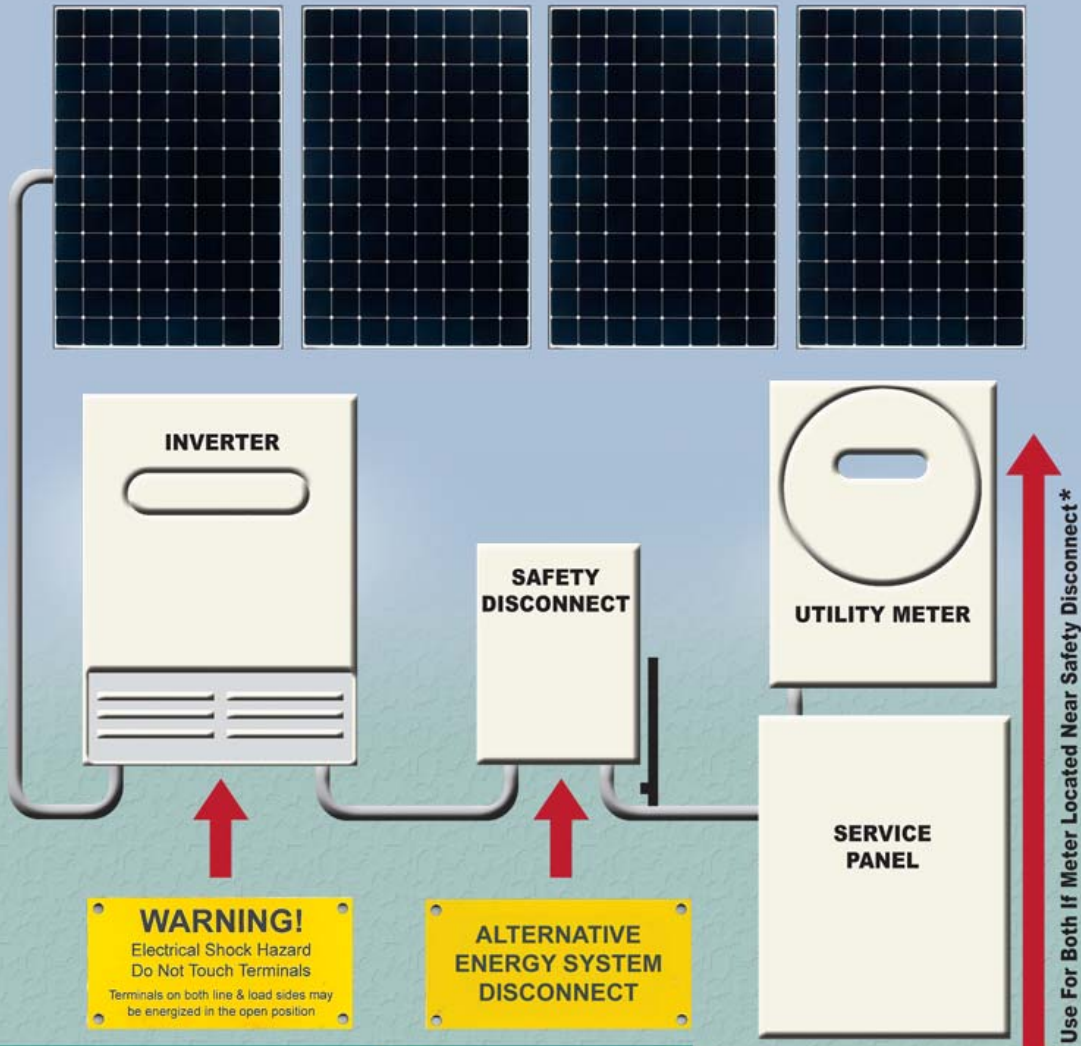
Copy to Engineering Department File:

\_\_\_\_\_  
Authorized Representative of Mohave Electric Cooperative, Inc.

\_\_\_\_\_  
Date



# MOHAVE ELECTRIC COOPERATIVE Alternative Energy System Labeling Requirements



**WARNING!**  
Electrical Shock Hazard  
Do Not Touch Terminals  
Terminals on both line & load sides may  
be energized in the open position

**ALTERNATIVE  
ENERGY SYSTEM  
DISCONNECT**

**SERVICE  
PANEL**

Use For Both If Meter Located Near Safety Disconnect \*

**IMPORTANT**  
\*When Meter and Disconnect  
are not located together  
USE THIS SIGNAGE AT METER

Alternative Energy Source  
in Operation.  
System Disconnect located  
(fill in the location)

**WARNING!**  
This system also fed by  
alternative energy source

Signs must be made of hard plastic with engraved letters (no stickers) and attached with rivets or screws. Installer may apply signage during MEC system verification, when meter door is open.