RENEWABLE ENERGY INCENTIVE PROGRAM—Step 3

# *SYSTEM QUALIFICATIONS - CONTRACTOR CERTIFICATION*

***To be completed after project has passed city or county inspections***

***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240-3, 250-26, 250-50, 250-122, all of Article 690 pertaining to photovoltaic systems, thereof, all as amended and superseded.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***

Copy to Engineering Department File:

_____ _____
Authorized Representative of Mohave Electric Cooperative, Inc. Date
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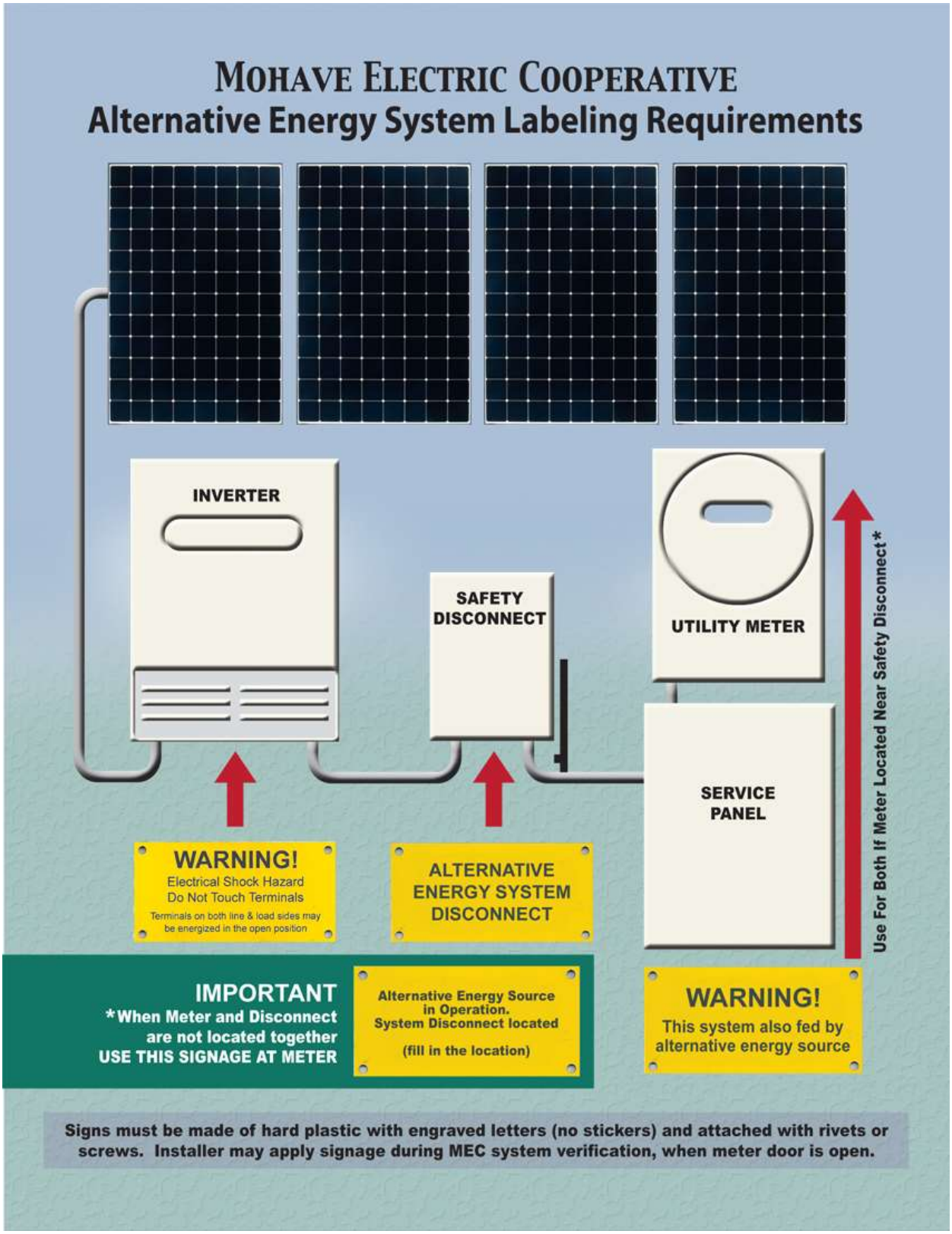
**MEC DOES NOT REQUIRE OR SUPPLY A PRODUCTION METER**
**If a meter socket for a production meter is placed, the installer must provide the meter.**

**ALL systems must be turned on after passing the city or county building inspection**. The system must be turned prior to submitting the final paperwork.

# MOHAVE ELECTRIC COOPERATIVE
## Alternative Energy System Labeling Requirements




**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.**