

Clay County Electric Cooperative Corp. Interconnection Installation Inspection Form

(Inspection fails with any "NO" box checked.)

Inspection Date _____

Customer Name _____

Physical Address _____

Account Location # _____ Type of Installation _____

Rating on Installation _____ KW, _____ KW Inverter _____ Date Installed _____

No. of Units _____ i.e. panels, wind generator, biomass units, etc.

Installing Company _____

Qualified Personnel: _____

Installation _____ Phone _____

Service _____ Phone _____

Connected to CCECC _____

Last Test Date _____

Installation wiring diagram provided Yes No

Pictures of current installation taken Yes No

National Electrical Code (NEC) Requirements

All installations shall follow the most current NEC Code.

Disconnecting Means

1. Disconnecting means is readily accessible and near point of service entrance NEC 705.22 (1-7), or if a main breaker/disconnect is present then disconnect must be visible from meter.
 Yes No
2. Disconnect is labeled. Example - "PV Disconnect" NEC 705.22(5)
 Yes No
3. Disconnect is lockable. NEC 705.22(7)
 Yes No

Overcurrent Protection

1. Overcurrent protection is sized properly. Fuse size _____
 Yes No Wire size _____ Breaker size _____
2. Overcurrent protection is labeled where interconnected to multiple sources.
Example - breaker in a Main distribution panel should be labeled with "PV Overcurrent"
 Yes No

Testing the Unit

1. Disconnect meter and test for voltage on the secondary side of meter terminals – should be zero.
ø to ø voltage _____ ø L to ground _____ ø R to ground _____
2. Manual disconnect – have member use their manual disconnect, repeat the above test.
ø to ø voltage _____ ø L to ground _____ ø R to ground _____

C. ECC Requirements

1. All interconnection equipment is UL Listed or approved (UL1741).
 Yes No
2. All equipment is connected on the load side of the main overcurrent device.
 Yes No
3. Disconnect for generation is located in a readily accessible location in relation to the meter.
 Yes No
4. Interconnection sticker applied to meter base
 Yes No

General Notes

- ✓ All interconnected systems on a single phase application shall be installed on the load side of the service overcurrent disconnect device.
- ✓ The overcurrent device should be sized to protect the wire connected into it.
- ✓ Where the capacity of the installed unit is equal to or exceeds 30kW, corresponding overcurrent disconnects may be installed (maximum of 6)
- ✓ CCECC is NOT responsible for failure or damage to interconnected equipment.

Definitions

Readily accessible – can reach and operate within 3 unobstructed steps on stable ground.

Disconnect – a device used to remove connection to all current carrying conductors with one throw of the hand.

Overcurrent device – either a breaker with simultaneous pole tripping or fuses to protect wire and equipment from excessive current.

Signature _____

Date _____