



COMMISSIONING TEST

For Grid-connected Distributed Generation (DG) Systems

Member Name: _____

Service Address: _____

Inverter Make & Model: _____

NOTE: If this test is for solar electric *DG Systems*, it must be conducted during daylight hours, to ensure that there is adequate solar potential to feed some power to the utility grid and conduct the test; likewise, if it is a wind generator, there must be adequate wind speeds.

Solar Wind Other _____

- The main service panel cover should contain a label explaining that ***“This service panel is energized from more than one source: only authorized persons who are familiar with the system should attempt to do service work on it.”*** Locate the designated *Distributed Generation (DG) system* circuit-breaker in the main panel:

[_____] amp breaker

- Flip the circuit-breaker to **“ON”** to energize the AC side of the *DG System*

- Locate the *Interconnection disconnect switch* and verify the proper labeling of this device along with the written procedure for correctly disconnecting the *DG system* from the electric utility grid.

- Check the voltage at the *DG system Interconnection disconnect switch*, which should be located near the electric meter:

line side [_____ VAC }

load side [_____ VAC }



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- After the *DG system* has begun normal operation, place the *Interconnection disconnect switch* to the “OFF” position to simulate a loss of station power.
NOTE: The *DG system* should be connected to the load side of the disconnect switch
- Measure the AC voltage at the lugs on the *DG system* side of the disconnect switch. It must drop to zero within two seconds once the switch is opened.
[_____ VAC }
 - If this is the case, the *DG system* has passed the **anti-islanding test.**
- Verifying the installation of an equipment grounding conductor, in addition to the ungrounded conductors, between the *DG system* and Kankakee Valley REMC’s distribution system.
- NOTES: _____

SYSTEM CERTIFICATION

I certify that I have conducted, or observed, the above anti-islanding test, and that the inverter responded as indicated above when disconnected from Kankakee Valley REMC’s distribution system. Furthermore, I have checked and verified the other items on this list and designated with a check in the box affirming said specifications.

Signature of Certifier

Date and Time