

## PV w/ Battery Back Up (Inverter-based) Verification Test Form

**Customer Name:** \_\_\_\_\_ **Customer CH Acct #:** \_\_\_\_\_

Equipment needed to perform test: Voltmeter and AC Clamp Amp meter

Testing Procedure Steps:

1. Ensure the system is operating under normal conditions (All disconnects closed)
2. Measure voltage and current on the load side of the AC disconnect feeding the PV system and record the values below:

Voltage = \_\_\_\_\_ V

Current = \_\_\_\_\_ A

3. Open the disconnect feeding the PV system to simulate an outage:

Check here to verify that the inverter transitioned to backup mode and that both voltage and current readings dropped to 0.

4. Close the AC disconnect feeding the PV system and start the timer. Immediately after, measure the voltage and current on the load side of the AC disconnect and record the values below (Grid voltage will be present; however, the current must be 0A until the system starts generating):

Voltage = \_\_\_\_\_ V

Current = \_\_\_\_\_ A

5. Once the system reconnects, stop the timer and record the values below.

**Δ** Time = \_\_\_ m \_\_\_ s

Voltage = \_\_\_\_\_ V

Current = \_\_\_\_\_ A

**Test completed by:**

**Company Name:** \_\_\_\_\_

**Date Test Performed:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Weather Conditions:** \_\_\_\_\_

**Signature:** \_\_\_\_\_