

Instructions for Submitting Verification of Voltage for the Renewable Energy Credit (REC) / Generation Meter Socket

1. Please refer to Utility Standards for Net Metering on the “Contractors Corner” at nvenergy.com/renewablegenerations.
2. Choose the correct form for your installation from the list below. These voltage readings will confirm that the safety switch and meter socket are wired in accordance with Utility standards.
3. These sketches may not be all inclusive. If you have questions, please contact Sachin Verma, for NV Energy North projects at (775) 834-7288 or Mari Estep, for NV Energy South projects at (702) 657-4597.
4. Perform the test according to the instructions on the form.
5. Complete and return the form to RenewableGenerations:

E-mail: renewablegenerations@nvenergy.com

Fax to: (775) 852-1405

Mail to: RenewableGenerations
C/O NV Energy
6100 Neil Road, M/S S2A-35
Reno, NV 89511

Forms for Voltage Reading Verification

240V: 1 PHASE, 3 WIRE, FORM 2S

120V: 1 PHASE, 2 WIRE, FORM 1S

120/208V: 3 PHASE, 4 WIRE, FORM 16S

277/480V: 3 PHASE, 4 WIRE, FORM 16S



VOLTAGE READING VERIFICATION
 RENEWABLE ENERGY CREDIT (REC) METER Socket
240V: 1 PHASE, 3 WIRE, FORM 2S ONLY

Project Information

Customer Name

Project ID

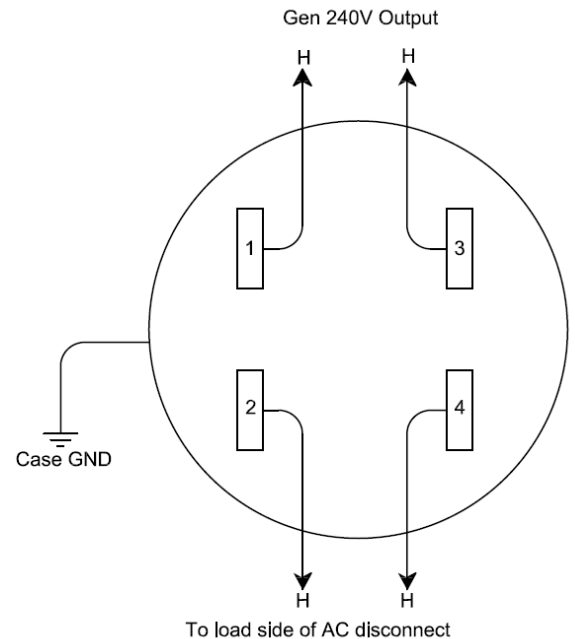
Meter Address

Utility Revenue Meter Number (**Field Verified by Contractor**)

Voltage Readings for REC Meter Socket with the meter removed and Utility disconnect safety switch closed.

- Step 1.** Don all personal protection equipment and perform all site safety checks.
- Step 2.** Open Utility Disconnect safety switch.
- Step 3.** Confirm that the line jaws on the Utility disconnect safety switch are energized. The voltage should be in the ~230 to 250 V range.
- Step 4.** Close the Utility disconnect safety switch.
- Step 5.** Read voltages between the meter jaws and fill in actual readings.

Jaw Terminals	Acceptable Range	Actual Reading
Jaw 1 to Jaw 3	Zero Volts	
Jaw 2 to Jaw 4	240 V +/- 10%	
Jaw 2 to Ground	120 V +/- 10%	
Jaw 4 to Ground	120 V +/- 10%	



I verify the above readings were taken and that the values

Contractor Signature

Date

Name (Print or Type)

Company

License No.



VOLTAGE READING VERIFICATION
 RENEWABLE ENERGY CREDIT (REC) METER Socket
120V: 1 PHASE, 2 WIRE, FORM 1S ONLY

Project Information

Customer Name _____ Project ID _____

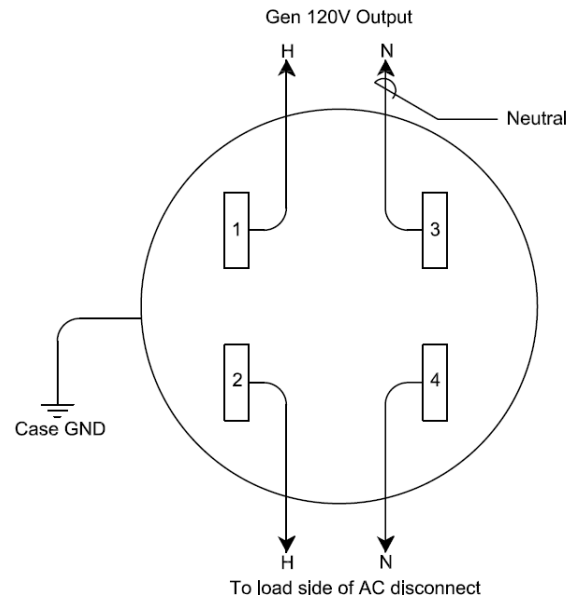
Meter Address _____

Utility Revenue Meter Number (**Field Verified by Contractor**) _____

Voltage Readings for REC Meter Socket with the meter removed and Utility disconnect safety switch closed.

- Step 1.** Don all personal protection equipment and perform all site safety checks.
- Step 2.** Open Utility Disconnect safety switch.
- Step 3.** Confirm that the line jaws on the Utility disconnect safety switch are energized. The voltage should be in the ~230 to 250 V range.
- Step 4.** Close the Utility disconnect safety switch.
- Step 5.** Read voltages between the meter jaws and fill in actual readings.

Jaw Terminals	Acceptable Range	Actual Reading
Jaw 1 to Jaw 3	Zero Volts	
Jaw 2 to Jaw 4	120 V +/- 10%	
Jaw 2 to Ground	120 V +/- 10%	
Jaw 4 to Ground	Zero Volts	



I verify the above readings were taken and that the values are correct.

Contractor Signature _____ Date _____

Name (Print or Type) _____ Company _____ License No. _____



VOLTAGE READING VERIFICATION
 RENEWABLE ENERGY CREDIT (REC) METER Socket
120/208V: 3 PHASE, 4 WIRE, FORM 16S ONLY

Project Information

Customer Name Project ID

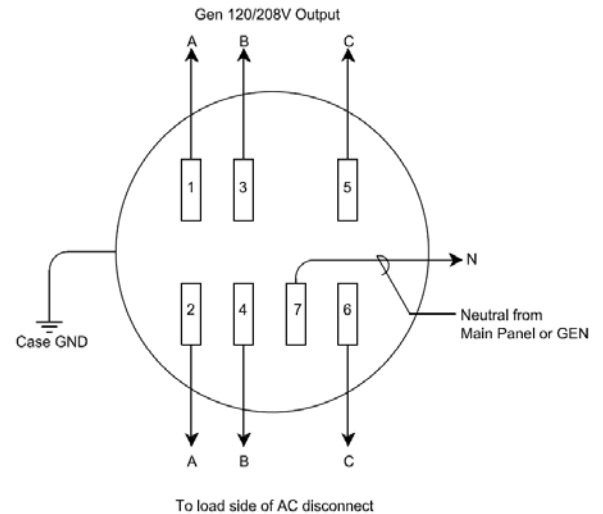
Meter Address

Utility Revenue Meter Number (**Field Verified by Contractor**)

Voltage Readings for REC Meter Socket with the meter removed and Utility disconnect safety switch closed.

- Step 1.** Don all personal protection equipment and perform all site safety checks.
- Step 2.** Open Utility Disconnect safety switch.
- Step 3.** Confirm that the line jaws on the Utility disconnect safety switch are energized. The voltage should be in the ~230 to 250 V range.
- Step 4.** Close the Utility disconnect safety switch.
- Step 5.** Read voltages between the meter jaws and fill in actual readings.

Jaw Terminals	Acceptable Range	Actual Reading
Jaw 1 to Jaw 5	Zero Volts	
Jaw 1 to Jaw 3	Zero Volts	
Jaw 5 to Jaw 3	Zero Volts	
Jaw 1 to Ground	Zero Volts	
Jaw 3 to Ground	Zero Volts	
Jaw 5 to Ground	Zero Volts	
Jaw 2 to Jaw 6	208 V +/- 10%	
Jaw 2 to Jaw 4	208 V +/- 10%	
Jaw 6 to Jaw 4	208 V +/- 10%	
Jaw 2 to Jaw 7	120 V +/- 10%	
Jaw 6 to Jaw 7	120 V +/- 10%	
Jaw 4 to Jaw 7	120 V +/- 10%	



I verify the above readings were taken and that the values are correct.

Contractor Signature Date

Name (Print or Type) Company License No.



VOLTAGE READING VERIFICATION
RENEWABLE ENERGY CREDIT (REC) METER Socket
277/480V: 3 PHASE, 4 WIRE, FORM 16S ONLY

Project Information

Customer Name _____ Project ID _____

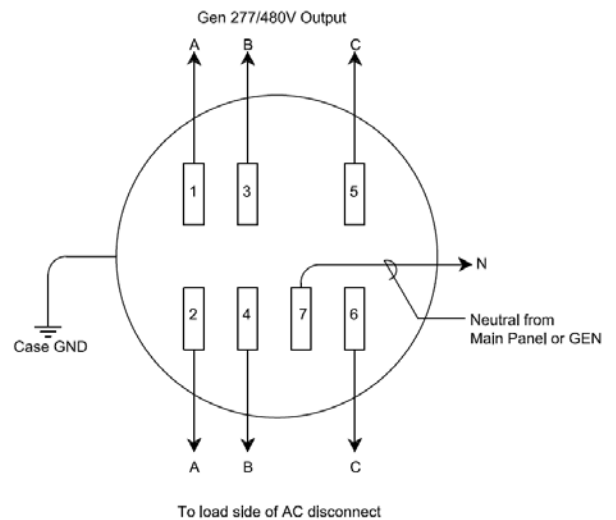
Meter Address _____

Utility Revenue Meter Number (**Field Verified by Contractor**) _____

Voltage Readings for REC Meter Socket with the meter removed and Utility disconnect safety switch closed.

- Step 1.** Don all personal protection equipment and perform all site safety checks.
- Step 2.** Open Utility Disconnect safety switch.
- Step 3.** Confirm that the line jaws on the Utility disconnect safety switch are energized. The voltage should be in the ~230 to 250 V range.
- Step 4.** Close the Utility disconnect safety switch.
- Step 5.** Read voltages between the meter jaws and fill in actual readings.

Jaw Terminals	Acceptable Range	Actual Reading
Jaw 1 to Jaw 5	Zero Volts	
Jaw 1 to Jaw 3	Zero Volts	
Jaw 5 to Jaw 3	Zero Volts	
Jaw 1 to Ground	Zero Volts	
Jaw 3 to Ground	Zero Volts	
Jaw 5 to Ground	Zero Volts	
Jaw 2 to Jaw 6	208 V +/- 10%	
Jaw 2 to Jaw 4	208 V +/- 10%	
Jaw 6 to Jaw 4	208 V +/- 10%	
Jaw 2 to Jaw 7	120 V +/- 10%	
Jaw 6 to Jaw 7	120 V +/- 10%	
Jaw 4 to Jaw 7	120 V +/- 10%	



I verify the above readings were taken and that the values are correct.

Contractor Signature _____ Date _____

Name (Print or Type) _____ Company _____ License No. _____

