

# Certificate of Calibration

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## WattNode<sup>®</sup> Revenue Meter

**Meter Model:** RWNC-3Y-480-MB Opt CT=200  
**Meter Serial Number:** 345260  
**Manufacture Date:** 2017-Dec-20  
**Calibration Date:** 2017-Dec-20  
**Calibration Due Date:** 2025-Dec-20 (eight year recommended calibration interval)

## Traceable Test Equipment

Traceability is to national standards administered by U.S. NIST and/or Euromet members (U.K. NPL, etc.).

Equipment	Manufacturer	Model	Cal Due Date	Serial Number
Electrical Power Standard	FLUKE	6100A	2018-Jun-21	902251637
Precision AC Current Shunt	OHM LABS	CS-20	2018-Sep-25	14358

## Calibration

**Temperature:** 23 ± 5°C  
**Line Frequency:** 60 Hz  
**Electrical Service:** 3-Phase, 4-Wire 480Y/277 V

**Operator:** Lynn Chavez  
**Calibration Station:** CALSYS6

Condition (% Rated Current)	Test Current (Amps)	Test Power Factor	Accuracy Limit (Percent)	As-Found Accuracy (Percent)	As-Left Accuracy (Percent)	Result
100%	100	1.0	± 1.0%	N.A.	+0.01%	<b>PASS</b>
100%	100	0.5 Lag	± 1.5%	N.A.	+0.26%	<b>PASS</b>
30%	30	1.0	± 1.0%	N.A.	+0.09%	<b>PASS</b>
10%	10	1.0	± 1.0%	N.A.	+0.06%	<b>PASS</b>
3%	3	1.0	± 1.0%	N.A.	+0.04%	<b>PASS</b>

This device has been independently certified to meet ANSI C12.1-2008 accuracy limits by MET Labs.

For more information about ANSI C12.1 visit: <https://ctlsys.com/support/meter-accuracy-standards/>.

To achieve revenue-grade system accuracy, this meter must be used with CCS approved revenue-grade current transformers (CTs), including the following models (where xxx indicates the CT rated amperage):  
ACTL-0750-xxx Opt C0.6, ACTL-1250-xxx Opt C0.6, and ACTL-1250-xxx Opt C0.3.