

- Meter shall be fully electronic with digital LCD display for kilowatt-hour readings. Meter shall provide rate of consumption indication and also a segment test button (CPU) to ensure integrity of the display.
- Meter shall provide a load indicator to indicate real-time power consumption levels for field testing and certification.
- Meter shall be enclosed in a heavy-duty JIC steel enclosure suitable for indoor installation. Meter enclosure shall provide method of locking to prevent unauthorized access.
- Meter shall be UL Listed, CSA Approved and certified by a nationally recognized independent test facility to ANSI C12.1 and C12.16 specifications with split-core current sensors.
- Meter shall be optionally available with a Demand (kW) reading. Demand reading will show the highest peak demand and date and time peak occurred.
- Meter shall be provided with a self-contained backup system to maintain reading during power failures.
- Meter shall use 0-2 volt voltage output current sensors to allow paralleling and/or mounting up to 2000 feet from the meter (500 feet for Class 3000 meters). Sensors shall be of split-core configuration to allow installation without powering down. Sensors shall be available from 25 amps to 3200 amps. Sensors shall be optionally available in solid-core configuration (up to 400 amps).
- Meter shall be provided with modular connector(s) to provide interfacing for:
 - AMR (Automatic Meter Reading)
 - Pulse modules
 - Analog signal modules
 - Energy control modules
 - Instantaneous demand displays
- Meter shall be available in multiple-meter unit (MMU) configurations of up to 24 meters.
- Meter shall be compatible with RightEnergy™ software.

