

# SUB Series GREEN CLASS METER

## GUIDE SPECIFICATIONS

- Meter shall be fully electronic with digital 8-digit LCD display without multiplier displaying cumulative kWh and “real-time” kW load. Meter shall provide rate of consumption indication and also a segment test button (CPU) to ensure integrity of the display.
- Meter shall provide a scrolling display of:
  - Total kWh consumed to date
  - Total energy cost to date in dollars
  - Present load in Kilowatts
  - Projected hourly cost based on present load
  - Total lbs. of CO2 emissions to date (based on DOE supplied national average)
  - Projected hourly CO2 emissions based on present load
- Meter shall accept kilowatt hour costs entered by user.
- Meter shall provide a load indicator to indicate real-time consumption levels for field testing and certification.
- Meter shall be equipped with current sensor diagnostic indicator for installation verification.
- Meter shall be enclosed in a green heavy-duty JIC steel enclosure suitable for indoor installation. Meter enclosure provides a method of locking to prevent unauthorized access.
- Meter shall be UL Listed/CUL Listed, certified by a nationally recognized independent test facility to ANSI C12.1 and C12.16 specifications with split-core current sensors, listed by the California Energy Commission, New York City approved and Con Edison approved for RSP program.
- Meter shall be provided with a non-volatile memory to maintain reading during power outages.
- Meter shall use 0-2 volt output current sensors to allow paralleling and/or mounting up to 2,000 feet from the meter. Sensors shall be of split-core configuration to allow installation without powering down.
- Meters shall be capable of paralleling up to three (3) sets of current sensors for cumulative reading of multiple loads fed by common transformer.
- Meter shall be available with optional terminal block for fixed-value pulse output.
- Meter shall be provided with modular connector(s) to provide interfacing with:
  - AMR (Automatic Meter Reading)
  - Building Management/Energy Management Systems
  - Pulse modules
  - Analog signal modules
  - Energy control modules
- Meters shall be compatible with E-Mon Energy™ software.

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