

## Wireless Energy Management

# Wireless Meter Data Processor

# SPECIFICATIONS

### New Product Summary For GE Use Only - Not For Sale

#### DESCRIPTION:

This Wireless Meter Data Processor (WMDP) allows for integration of real-time energy usage information with the GE WEM System. The WMDP allows building owners to interface wirelessly with their utility meter in order to view power consumption and set demand side management programs for load shedding and demand ratchet control.

The WMDP is delivered preprogrammed from the factory with an IP address that will automatically interface with the Internet Based Software via wireless modem.

The WMDP acts as the gateway to the Wireless Energy Management System facilitating the following operations:



#### UTILITY METER INTERFACE:

This allows the user to integrate to the existing utility electric meter for real-time load information and access.

#### ENERGY DEMAND PROFILING/ALARMING:

The WMDP provides access to the energy database in order to log the demand profile throughout a set historical period. This information is then used to automate the control system during peak demand periods.

#### HISTORICAL ENERGY DATABASE:

The WMDP creates a historical energy database for the building owner. Vital energy information can be retrieved for analysis. The Internet Based Software can generate daily, weekly, monthly, yearly, and comparison based reports.



Imagination At Work

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### SPECIFICATIONS

#### **CAPABILITY:**

A Wireless Meter Data Processor (WMDP) is capable of communicating with a wide variety of meter interfaces as well as standard contact closures.

To ensure proper configuration and layout design including integration with an existing utility meter please contact GE Technical Support at 877-LTG-CNTL (877) 584-2685 Option #2.

#### **SPECIFICATIONS:**

##### POWER

- Operating Voltage: 115V @ 60Hz

##### DIMENSIONS

7 1/2" x 5 1/2" x 1 1/2"

##### SYSTEM COMMUNICATIONS

- Serial port connections –RS232 and RS485
- Up to 115kbps baud rate
- Network connection – RJ45 10BaseT

##### ENVIRONMENT:

- Operating Temperature: -40o to 70oC
- Relative Humidity: 5% to 95% non-condensing

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