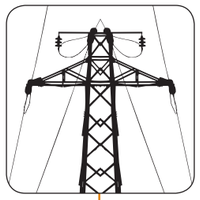
RadioRA® 2 residential smart grid solution



Utility company sends out demand response signal

Home Exterior

Home Interior

Smart meter relays demand response signal from utility to home by Zigbee® or Ethernet.

Gateway

Zigbee (802.15.4)

OR

Ethernet

Router

RS-232

Ethernet

RadioRA® 2 main repeater receives demand response signal and lowers lighting, turns off pre-programmed loads, increases HVAC set point, and adjusts shades to save energy.

Clear Connect™ RF Technology

Ethernet

Software for home computer allows user to pre-program load-shed strategies.

Homeowner can program how they would like to reduce their energy usage during load-shed periods to ensure comfort and convenience in their home.

Dimmers

Switches

Non-lighting loads

HVAC

Shades

LUTRON®

©2010 Lutron Electronics Co., Inc.

save energy with Lutron™ ®