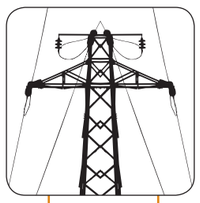
Commercial smart grid solutions



Utility company or energy aggregator sends out demand response signal.

OR

Automatic signal

OR

Manual signal

Smart meter relays demand response signal from the utility company to the commercial building.

Demand Response Automation Server (DRAS)

Building Exterior

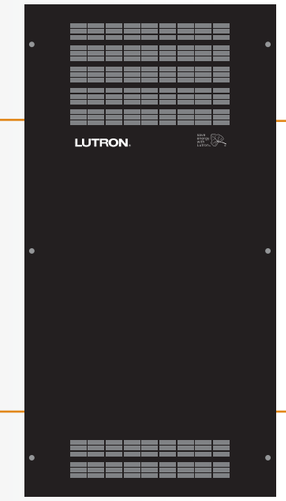
Building Interior

Converter

Demand response signal is sent directly to a converter which then relays the signal to the Lutron Lighting Control System.

Customer receives demand response notification by way of telephone, email, text message or pager and manually adjusts load via PC.

Ethernet



Lutron lighting control system receives demand response signal and lowers lighting, turns off pre-programmed loads, increases HVAC set point, and adjusts shades to save energy.

Lutron demand response software allows user to pre-program loadshed strategies.

BACnet

QS Link

Ballasts and lamps

Plug-in appliance module

Shades

Building Management System

Fire/security

HVAC

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