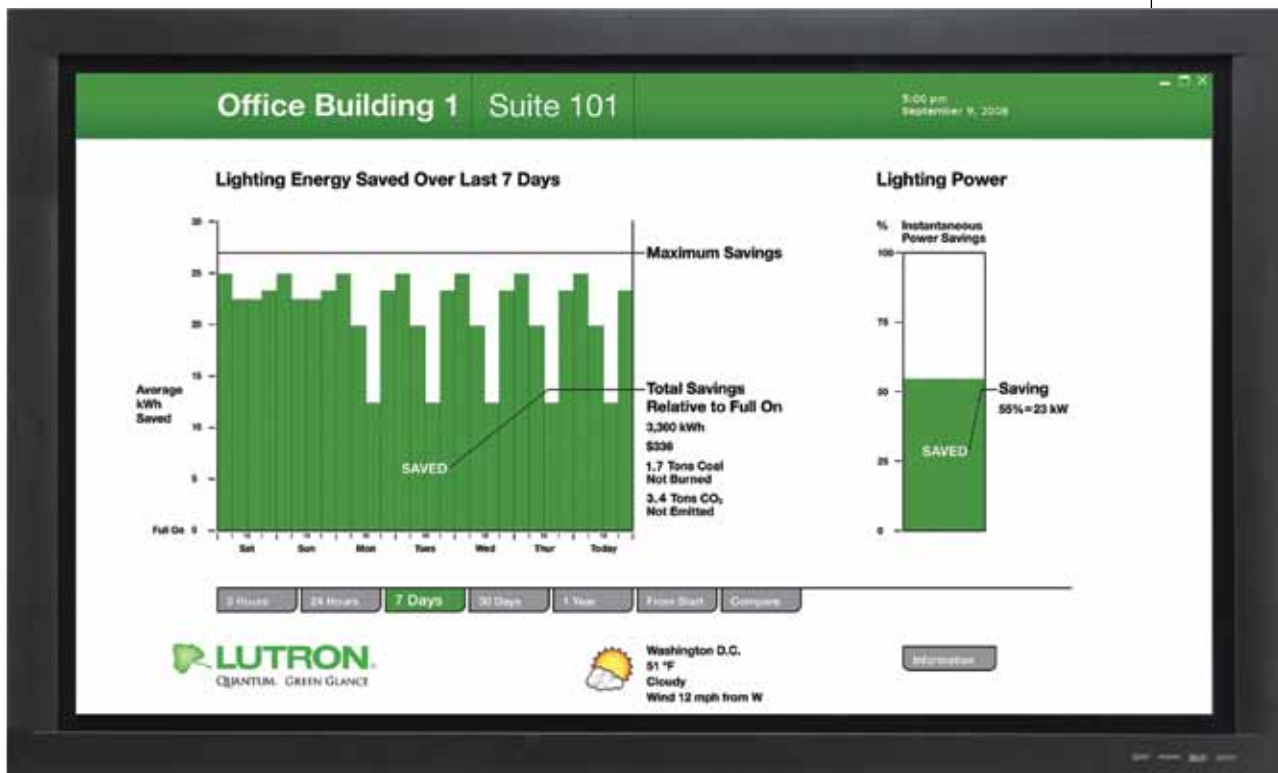
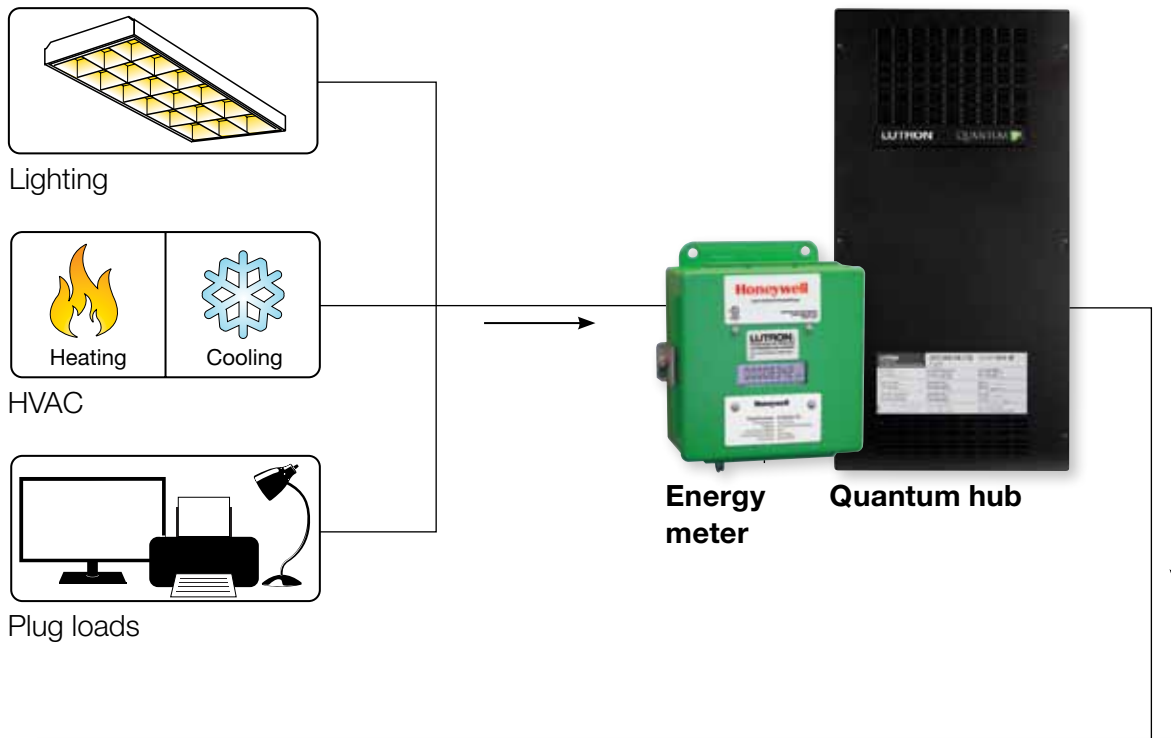


Quantum® energy metering

Measure real-time energy use of critical building loads



GreenGlance® display software

Quantum® energy metering

The NEW Quantum energy metering feature provides real-time, actual energy measurement.

- High-accuracy metering of lighting, HVAC, and/or plug loads
- Can contribute to LEED certification, and help meet current and future requirements for industry regulation
- Help qualify for regional rebates and incentives

Quantum now offers two options for energy measurement and verification. Users choose an option based on project needs and budget.

- **Metered** – The NEW Quantum meters work with the Quantum server to collect, aggregate, and deliver actual metered energy data to the customer
- **Modeled/Calculated** – All Quantum systems can provide an energy-use calculation to help evaluate and monitor overall lighting energy use



Energy meter and Quantum hub combine for real-time energy measurement

Quantum energy metering system Features and benefits

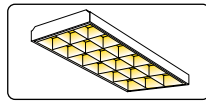
- **Accurate energy monitoring** of all electrical loads provided by revenue grade meters
- **Run reports and monitor energy usage** throughout the building by using Quantum Q-Admin software
- **Captures where energy is being used** and allows you to create a savings program
- **Constant monitoring** to gauge ongoing effectiveness of energy-savings initiatives
- **Scalable up to 50 meters** throughout the building (number of meters depends on the size of the project and granularity of the measurements desired)
- **Name and group meters** for customized display and reporting
- **Complies with current and future energy codes**, standards and rating systems: LEED, ASHRAE, EPA 2005, FEMP, IgCC
- **5 years of historical information** provided for long-term analysis and historical LEED reports
- Promote your company's commitment to sustainability with GreenGlance® display software

Quantum® energy metering

By installing a Quantum meter on critical loads in your building, you can track and monitor energy data using familiar tools such as Quantum GreenGlance software and the Q-Admin control and monitoring software.

1

Critical loads connected to energy meter



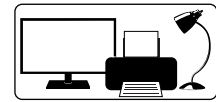
Lighting



Heating
HVAC



Cooling



Plug loads

2

Meter reports energy-use data to the Quantum Server (see pg. 4)



3

Quantum server
Server aggregates data and makes it available to Quantum software tools.



4



Q-Admin system reports provide a variety of formats depending on how the user wants to view and analyze energy data



GreenGlance display software allows the user to view and analyze real-time data in an accessible, simple format

Quantum® energy metering

Quantum energy meter

Features

- Meters are certified to ANSI C12 accuracy standards ($\pm .5\%$)
- Provides power (kW) information to the Quantum system
- Direct-read LCD display provides cumulative kWh information
- Meters work on 3 phase distribution systems [delta or Y (wye) configurations] at 120/208V, 277/480V, and 347/600V
- Up to 3 sets of current sensors can be used to aggregate and monitor multiple feeds/panels with one meter

Benefits

- Monitor essentially any size circuit in a building (100A up to 3200A)
- Split-core current sensors make installation easy, no need to rewire during installation
- Compact meters (7" x 7" x 3.25") install in practically any available space



NEW Quantum energy meter provides real-time high accuracy energy metering for Quantum systems

www.lutron.com

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Customer Service/Quotes 1.888.LUTRON1

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