

SiteView™ Energy

FAQs



What is SiteView Energy?

SiteView Energy is the first in a suite of applications that is hosted on nLight ECLYPSE™. SiteView Energy as a solution includes a real-time informational dashboard and up to 5 energy meters to monitor lighting or any other electric load. SiteView Energy aggregates the electrical metering data from the meters connected to the nLight ECLYPSE controllers and displays this data in an easy to read graphical user interface.

What is SiteView Energy designed to achieve?

SiteView Energy is intended to compliment the nLight® offering with the addition of metering or submetering. Any electrical load can be metered using SiteView energy which is increasingly becoming a requirement in regional energy codes like LL88 in NYC and Title 24. SiteView Energy is also designed to be an informational dashboard to engage occupants and change habits to promote energy and sustainability initiatives.

What is required for SiteView Energy?

When ordering nLight ECLYPSE, select SVEA for SiteView Energy application, then select the number of meters (SVEM) to match the number of electrical panels or circuits you will be monitoring.

Where is the dashboard hosted? Do I need an additional computer?

The graphical user interface is hosted directly within the nLight ECLYPSE controller, all that is required is a device (computer, tablet or smart TV) and browser which supports HTML 5 graphics.

Who installs the metering devices?

A licensed electrician will perform the installation of the meters and components required to support SiteView Energy.

Do I need any special tools or software?

No. The SiteView Energy application, accessible via a standard web browser supporting HTML5 graphics is all that is required in order to configure the application. The program, graphics and meters have been chosen and designed to work together for best first cost and ease of installation and set up.

Does this mean that my nLight ECLYPSE can do both metering and lighting in a single controller?

Yes! SiteView Energy and nLight ECLYPSE have been designed to operate concurrently meaning you do not require additional nLight ECLYPSE controllers to host your metering application.

Are the metering devices revenue grade?

Yes, the devices that compliment SiteView Energy are both revenue and industrial grade which means these qualify for tenant billing. (Tenant billing applications are provided by others)

How many nLight devices can be handled on the new nLight ECLYPSE?

nLight ECLYPSE now contains a powerful built-in graphical tool set and edge application to enhance your installation and end user experience. When running these edge applications concurrently, Acuity Brands recommends no more than 750 devices per nLight ECLYPSE for an optimal user experience for the life of the controls system.

If there is no expectation to leverage these applications, the nLight ECLYPSE will continue to support up to 1500 total nLight devices.

Will SiteView Energy work with the nGWY2?

No. You must specify and order SiteView energy with nLight ECLYPSE.

Can I create other graphics, like floorplan when using nLight ECLYPSE?

Absolutely! You can use the ENVYISION environment to create a floorplan and any other graphics required for the project concurrently.

Is the data from SiteView Energy available via BACnet™?

Yes, all data and histories are available as a BACnet object. This permits the sharing of not only lighting information but metering data and histories (up to ten years!) with other systems which use a BACnet interface.

How do I specify SiteView Energy with nLight ECLYPSE?

You may use the standard CSI guide specification language available on the Acuity Brands® website.

Can I use BACnet MS/TP for BMS integration and SiteView Energy meters simultaneously?

No. nLight ECLYPSE has one RS-485 port which can be used for BACnet MS/TP or Modbus (meters), but not for both simultaneously.

Can SiteView Energy be added on an existing unit?

Yes. An SVEA license upgrade can be purchased for units with production date codes on or after 2017W12. Units with earlier date codes (2017W11 and before) cannot be field upgraded, and a new nLight ECLYPSE controller must be purchased to use SiteView Energy. You can find the production date code on the label located on the side of the nLight ECLYPSE controller.

Question: What is the kW and kWh logging frequency with SiteView Energy?

SiteView Energy kW and kWh logging goes as follow:

- every 15 minutes instantaneous kW for 60 days
- every 1 hour, highest hourly kW (based on Demand Window) and cumulative kWh for 3 yrs
- every 1 day, highest daily kW (based on Demand Window) and cumulative kWh for up to 10 yrs(configurable)
- kWh reset to 0 at the end of the month