

SolarOS™

SITE OWNER APPLICATION

The SolarOS site owner app is a web-based service enabling solar PV system owners and site hosts to track energy generation and environmental benefits. The app displays performance data in an attractive and easy to understand interface which can be viewed on any web-enabled device.



KEY FEATURES:

MODULAR INTERFACE

The site owner app’s home screen is comprised of series of live data and educational content modules which track energy generation, weather information and environmental offset equivalencies. PV site owners and hosts can easily log on to visualize system performance through the various gauges and charts.

CURRENT AND HISTORICAL DATA

The site owner app tracks both instantaneous power output and energy generated over time. Real-time energy output is updated regularly and then with one click, users can look back at daily, weekly, monthly, yearly and lifetime production data.

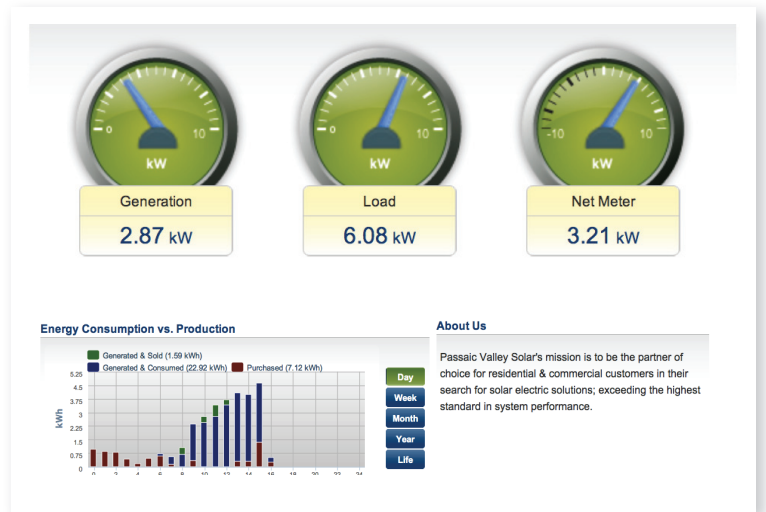
CUSTOMIZATION OPTIONS

Site owners and hosts have the option of further customizing their home screen by selecting different environmental benefit ratios and adding project descriptions. In addition to common equivalencies such as CO2, SOx and NOx, users can choose from 10 other benefits to better understand the positive environmental impact of their system.

REPORTING TOOLS

In addition to a variety of graphical displays, the site owner app also allows users to run custom reports and download data for offline access. The Reports page also features a financial conversion tool so owners and hosts can track performance in terms of dollars saved.

NET METER DATA - Site owners and hosts can opt to monitor both energy generation and consumption of their home or facility. The net meter module compares the current power output of the PV system against total electrical load. Users can also track the total amount of energy produced, purchased and sold back to the grid over various timeframes.



ENVIRONMENTAL BENEFITS

The site owner app makes it very easy for users to translate the energy produced by their PV system into understandable environmental equivalencies. Daily, weekly, monthly, yearly and lifetime totals are updated every 15 minutes.

WEATHER DATA - Live weather data is streamed into the site owner app from environmental sensors and government weather feeds. The weather module displays solar irradiance, panel temperature, ambient temperature and wind speed.

