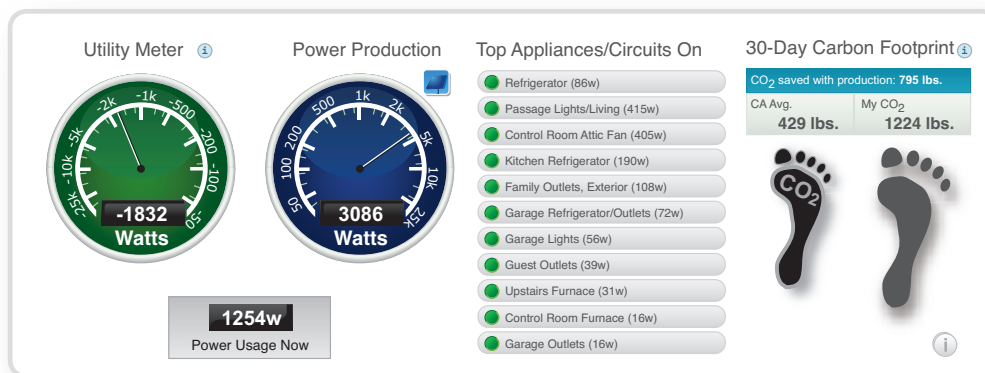


A Revolutionary Breakthrough in Home Energy Management

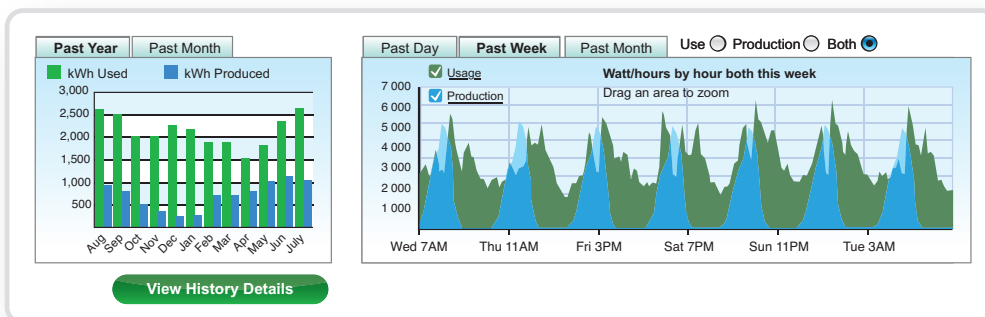
Solar PV is only one component of a home's energy system So why monitor only one piece of the puzzle?

The eMonitor enables homeowners to monitor and manage all uses and sources of energy in their homes from a single interface.

Unlike most PV monitoring systems, the eMonitor is designed from the outset to help consumers better understand their overall energy usage and find ways to save. This makes the eMonitor a powerful value-added service to provide your customers.



By uniquely monitoring electricity at the *circuit* level, the eMonitor captures both appliance and device usage and production of PV or other generating systems. This level of granularity provides *actionable intelligence*: in addition to usage, cost, production and savings information,

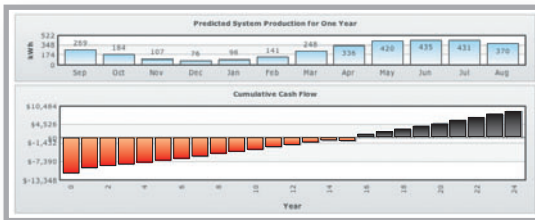


The eMonitor helps customers benefit from a tightly integrated combination of energy efficiency and renewable energy, with information which can maximize the potential of their PV system. At the same time, the Installer can provide a co-branded monitoring solution that provides true benefits to themselves and their customers.

From Pre-Sales Opportunities...

- > Help customers find ways to lower their energy usage and therefore reduce the size and cost of the PV system they would need
- > Allow customers to do their own sizing and estimates based on their actual usage and a comprehensive model that incorporates all available rebates and credits
- > Obtain leads from other eMonitor customers who are interested in further exploration of PV or Solar Hot Water options
- > Be able to offer customers a value-added solution that integrates the benefits of renewable energy with the benefits of energy efficiency

Solar ROI Calculator



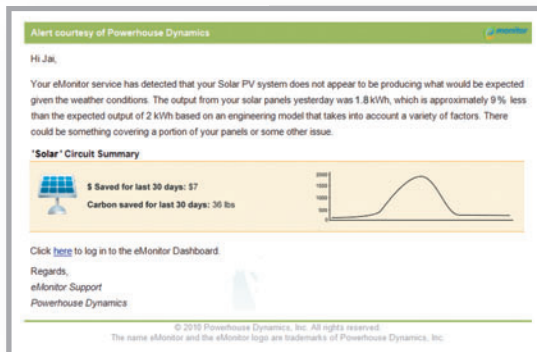
...To Post-Sales Support

- > Help customers find ways to lower their energy usage at key times and directly benefit from more exports to the grid
- > Easily keep tabs on every system in the field – from a web browser
- > Identify system problems before customers know they're occurring
- > Proactively support customers in overall energy management

Analysis

Production Savings		Close
Past 7 days		
kWh Produced	189	
Dollars Saved	\$34	
lbs CO2 Saved	138	
kWh Exported To Grid	32	
Dollars Exported To Grid	\$6	

Real-Time Alerts



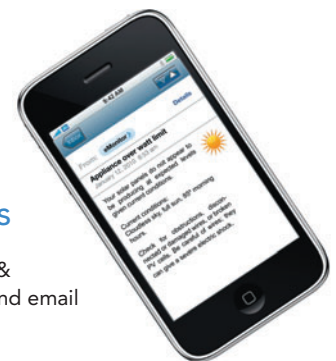
...And More

- > Be alerted to problems before the customer is aware
- > Easily see the status of all systems in the field
- > Gain independence from Inverter manufacturer monitoring: a single branded system for all customers

Key Features

- > 24 x 7 monitoring of PV system and energy use for the whole house, at the circuit level and at the appliance level
- > Web-based display of current and historical energy production and energy usage by circuit, down to the minute-by-minute level
- > Calculation of CO₂ levels and reductions resulting from PV system
- > Measurement and reporting of Net Purchases and Net Exports, along with associated energy bill reductions
- > Alerts on problems with PV system; appliances left on or not performing as expected; circuits nearing or over capacity; dollars spent thresholds, and more
- > The eMonitor Dashboard and alerts provided with Installer's branding
- > Installer portal summarizes characteristics and status of each system, with ability to aggregate production and customer savings and to view all customer systems' details and histories
- > Weather monitoring: track ambient temperature and irradiation; perform Performance Ratio analysis


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Recommendations

- > Recommendations, alerts & reports by text message and email