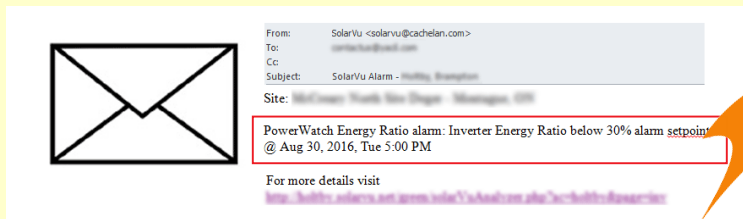


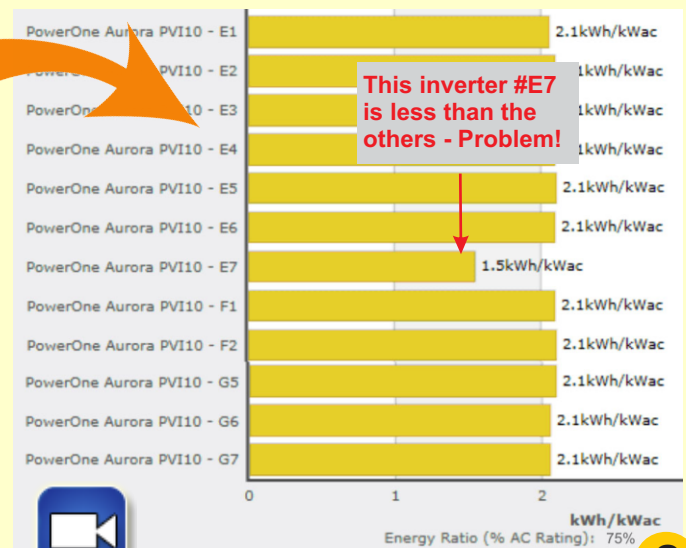
Don't Waste Money on Testing

On multi-inverter solar systems, owners often arrange for annual verification that each string is performing correctly. This labour intensive process is expensive and unnecessary with the new **PowerWatch Energy Ratio Alarm**. At the end of each day, the daily energy from each inverter is compared to the others. If the daily energy output from one inverter is less than the others by a percentage set with the user adjustable energy ratio alarm setpoint, a warning email will be sent. Not only can you have confidence the system is working correctly, but when a fault like a bad string occurs, an immediate warning is sent so no revenue is lost from faults that take months before they are identified the old way with annual testing. **PowerWatch** is a standard feature on SolarVu energy portals.

1 Receive a Low Energy Ratio Alarm at the end of the day with a link to the energy output graph for analysis



Low output inverters are obvious in the Energy Ratio chart. Click on the low output inverter bar to go to that inverter 30 day log to analyse inverter values.



This inverter #E7 is less than the others - Problem!

Low energy ratio indicates a problem **2**

SEE IT LIVE

Inverter log shows cause of low output identified by the Energy Ratio Alarm

DC Input	Power	Voltage	Current
Power 1	683	354.9	2.0
Power 2	1,365	355.1	4.0

#E7-MPPT1 (50% of MPPT2) Blown fuse, bad connection or panel.

3



Cloud technology allows new features like the **PowerWatch Energy Ratio Alarm** to be added to existing sites.

4 Adjust Energy Ratio alarm settings in SETUP to the desired sensitivity

