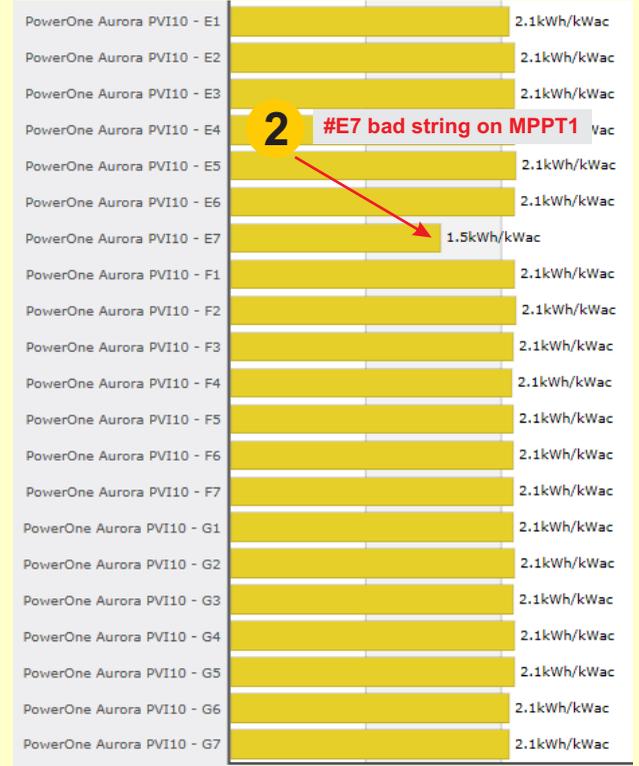
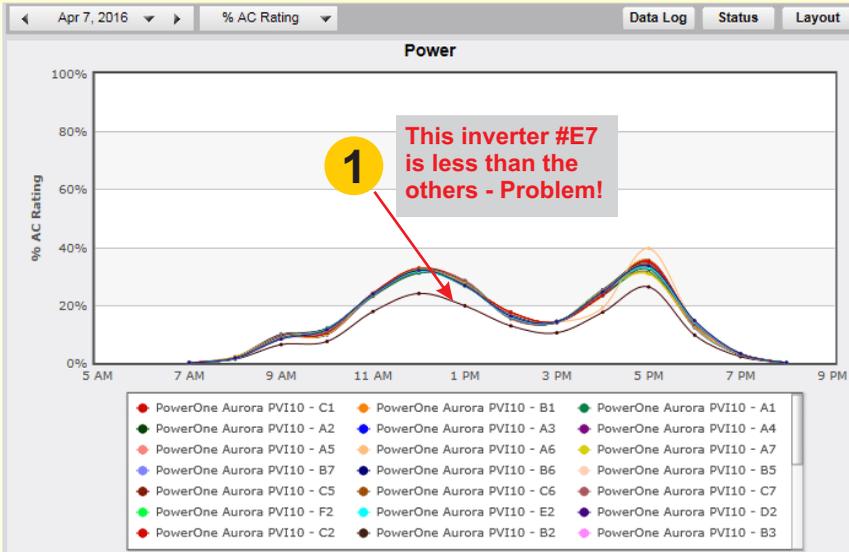


Firing On All Cylinders?

With the trend to string inverters for large roof and solar farm projects, how do you know that every panel is producing? Individual string monitoring is too expensive to install. Left undetected, a bad string costs over \$2,000 per year in lost revenue. Is every inverter operating correctly? The answer is as simple as it is easy to use - the new SolarVu **PowerWatch** feature. **PowerWatch** compares power from each inverter to see how closely they track graphically. Each day, it compares total energy output by inverter and computes the Energy Ratio which if much less than 100% indicates a problem. Here is an example of using **PowerWatch** to find a problem on a real site so maintenance staff know exactly what needs attention.

48x10kW inverters, 480kW ground mount system
PowerWatch immediately finds a defective string out of 1,750 panels

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.



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

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

Low energy ratio indicates a problem



SolarVu stores lifetime system data on cloud servers with frequent new features added. **PowerWatch** is a new ANALYZER tool that is standard on new and existing SolarVu energy portals.