

## Solar Sherlock Holmes



Even a great detective needs the right tools to solve a mystery. To help you determine if intermittent problems are causing lower than optimal output from a portfolio of solar projects, a new 30 day Error Log has been added to each SolarVu energy portal. A description of every fault condition with date and time is listed for screen display or printout. Links allow you to review the actual conditions at the time of each fault. Armed with this information, it does not take legendary deductive powers to diagnose what is wrong and direct O&M staff to fix the problem.

New SolarVu Error Log shows all site faults for the last 30 days with links to status conditions at time of fault and the fault record for each inverter. Quickly diagnose problems on each project for effective O&M.



**SurePoint<sup>™</sup>**  
ASSET MANAGEMENT & REPORTING

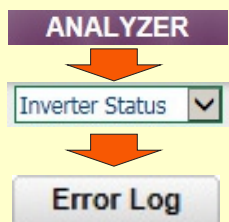
**3 Inverter status at time of fault**

Power Now: 0 W, DC Input: 0 W, AC Output: 0 W, Voltage: 336 V, Current: 0.0 A

Status: Error exists (Status Code: 307)  
Fault: DC Low

Log: Jul 24, 2017, Mon 6:26 AM

**1 Select Analyzer, Status, Error Log**



**SolarVu Fault Log**  
- Click on device name for 30 days device log  
- Click on time for fault status at that time

Date	Time	Device	Fault Description
Jul 26, 2017	@ 5:56 AM	Fronius IG Plus V AC03 - INV13	Error exists - Grid Error, DC Low, Frequency High, AC Voltage High, Power Stage Fault, ARC Detected
Jul 26, 2017	@ 12:56 PM	Fronius IG Plus V AC04 - INV16	SunLowPower: Irradiance of 379W/m <sup>2</sup> , but no power from inverter
Jul 25, 2017	@ 6:16 AM	Fronius IG Plus V AC01 - INV22	Error exists - DC Low, ARC Detected
Jul 25, 2017	@ 6:26 AM	Fronius IG Plus V AC03 - INV13	Error exists - Grid Error, Power Low, Frequency High, AC Voltage High, Power Stage Fault, ARC Detected
Jul 24, 2017	@ 3:16 PM	Fronius IG Plus V AC04 - INV16	SunLowPower: Irradiance of 631W/m <sup>2</sup> , but no power from inverter
Jul 24, 2017	@ 6:26 AM	Fronius IG Plus V AC01 - INV22	Error exists - DC Low, ARC Detected
Jul 23, 2017	@ 6:26 AM	Fronius IG Plus V AC03 - INV13	Error exists - Grid Error, DC Low, Frequency High, AC Voltage High, Power Stage Fault, ARC Detected
Jul 23, 2017	@ 6:05 AM	Fronius IG Plus V AC01 - INV22	Error exists - DC Low, ARC Detected
Jul 23, 2017	@ 6:05 AM	Fronius IG Plus V AC03 - INV13	Error exists - DC Low, Frequency High, AC Voltage High, Power Stage Fault, ARC Detected
Jul 21, 2017	@ 6:05 AM	Fronius IG Plus V AC01 - INV22	Error exists - DC Low, ARC Detected
Jul 21, 2017	@ 6:05 AM	Fronius IG Plus V AC03 - INV13	Error exists - DC Low, Frequency High, AC Voltage High, Power Stage Fault, ARC Detected

**2 Site Error Log Faults last 30 days**

**SolarVu Inverter Fault Log - Fronius IG Plus V AC01 - INV22**  
Wednesday, July 26, 2017 4:34:56 PM

Date	Time	Fault Description
Tue, Jul 25, 2017	6:16 AM	Error exists - DC Low, ARC Detected
Tue, Jul 25, 2017	8:45 PM	Error exists - Communication Fault, ARC Detected
Mon, Jul 24, 2017	6:25 AM	Error exists - DC Low, ARC Detected
Mon, Jul 24, 2017	8:56 PM	Error exists - Communication Fault, ARC Detected
Sun, Jul 23, 2017	6:05 AM	Error exists - DC Low, ARC Detected
Sun, Jul 23, 2017	8:45 PM	Error exists - Communication Fault, ARC Detected
Sat, Jul 22, 2017	6:05 AM	Error exists - DC Low, ARC Detected
Fri, Jul 21, 2017	5:55 AM	Error exists - DC Low, ARC Detected
Fri, Jul 21, 2017	8:55 PM	Error exists - Communication Fault, ARC Detected
Thu, Jul 20, 2017	5:45 AM	Error exists - Power Stage Fault, ARC Detected
Thu, Jul 20, 2017	8:55 PM	Error exists - Communication Fault, ARC Detected
Mon, Jul 17, 2017	6:06 AM	Error exists - DC Low, ARC Detected
Mon, Jul 17, 2017	6:16 AM	Error exists - Power Low, ARC Detected
Mon, Jul 17, 2017	9:06 PM	Error exists - Communication Fault, ARC Detected

**4 All faults for selected inverter**

See it Live