



Find the Needle in a Haystack

On large solar PV systems it is difficult to detect if one or more strings is not producing by observing output power alone. **Left unnoticed, a single string can result in lost revenues of \$2,500 per year.**

With **central inverters**, adding string monitoring is a smart financial investment. SolarVu Smart Strings option will immediately identify if any strings are underperforming. It shows O&M staff exactly where to look to fix the problem saving time on a typical roof with over 1,000 panels.



Smart Strings shows the location of the bad string

Watch the Smart Strings video to see how it works!

Alarm email has a link identifying the bad string

C02: SM02		Compare	Installation	Strings	Layout
ID	String Name	DC Current	DC Voltage	DC Power	% Rel
C02-S01	INV02-01	5.35 A	382 V	2,044 W	81 %
C02-S02	INV02-02	5.76 A	382 V	2,199 W	88 %
C02-S03	INV02-03	5.24 A	382 V	2,000 W	80 %
C02-S04	INV02-04	5.36 A	382 V	2,047 W	82 %
C02-S05	INV02-05	7.17 A	345 V	2,471 W	98 %
C02-S06	INV02-06	7.22 A	345 V	2,488 W	99 %
C02-S07	INV02-07	7.29 A	344 V	2,511 W	100 %
C02-S08	INV02-08	0.00 A	343 V	0 W	N/A
Total		43.39 A		15.8 kW	
Average		5.42 A	343 V	1,970 W	

Alarm	Threshold	> 2.00 A Avg	Trigger	< 20 % of Rel	Edit
ID	Modbus Address	2			
STATUS	1 low current alarm				

● Last Data Updated: Mar 22, 2015, Sun 3:25 PM (👆)
● Last Communication: Mar 22, 2015, Sun 3:25 PM (👆)

Fewer site inspections by knowing all strings are OK



All Smart Strings features are included for the first two years following the purchase of a SolarVu[®] portal. After two years, monitoring remains free and lifetime data is stored, but some features of SmartStrings, advanced diagnostic Analyzer tools and reporting are available at a monthly rate with a **SurePoint[™]** subscription.



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