

Not Your Grampa's Weather Station

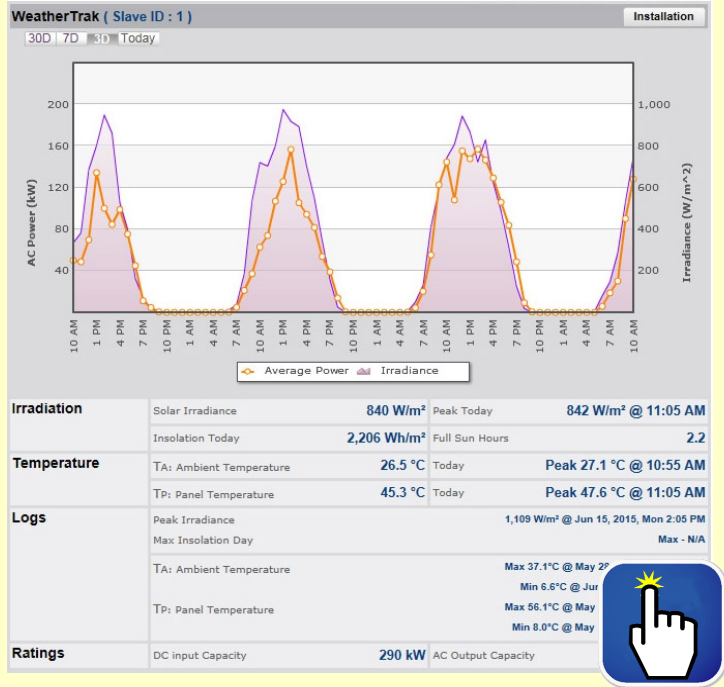
Add the [WeatherTrak](#) option to a SolarVu energy portal and get much more than a display or irradiance, panel and ambient temperature from the sensors. Use the min/max log to see how hot and cold the panels get. Check energy output on the maximum insolation day. Download readings in spreadsheet format to do your own performance calculations or collect readings automatically from the server. SolarVu compares the output of each inverter to the measured irradiance and sends an alarm if any inverter output is below expected with adjustable user settings.

Watch the [WeatherTrak video](#) to see how it works.

Download data to analyze lifetime performance

SolarVu O&M Data Download							
Summerville, Missouri - summerville.solarvu.net Rating: 250kWac							
Last 12 months(daily) - Energy - Jun 19, 2015, Fri 12:46 PM							
Timestamp	Date	Life Energy(kWh)	Daily Energy(kWh)	Life Insolation(WH/m ²)	Daily Insolation(WH/m ²)	Expected Output (kW)	Performance Ratio
1434600000	Jun 18/15	171,253	1,604	820,502	6,485	1,621	101%
1434513600	Jun 17/15	169,649	1,901	814,016	7,621	1,905	100%
1434427200	Jun 16/15	167,748	1,763	806,396	8,052	2,013	114%
1434340800	Jun 15/15	165,985	1,303	798,344	5,456	1,364	105%
1434254400	Jun 14/15	164,651	574	792,888	2,133	533	93%
1434168000	Jun 13/15	164,106	1,614	790,755	6,965	1,741	100%
1434081600	Jun 12/15	162,492	527	783,790	1,930	483	92%
1433995200	Jun 11/15	161,965	1,762	781,860	6,977	1,744	99%
1433908800	Jun 10/15	160,203	1,424	774,883	5,857	1,464	103%
1433822400	Jun 9/15	158,779	894	769,026	3,871	968	108%
1433736000	Jun 8/15	157,885	747	765,155	2,817	704	94%
1433649600	Jun 7/15	157,136	1,621	762,338	6,081	1,520	94%
1433563200	Jun 6/15	155,515	2,075	757,257	8,407	2,102	101%
1433476800	Jun 5/15	153,439	1,258	747,850	5,027	1,257	100%
1433390400	Jun 4/15	152,181	1,898	742,823	7,561	1,890	100%
1433304000	Jun 3/15	150,282	2,106	735,262	8,471	2,118	101%
1433217600	Jun 2/15	148,176	1,481	726,792	6,281	2,070	101%
1433131200	Jun 1/15	146,125	1,147	718,510	4,364	1,091	95%
1433044800	May 31/15	144,978	477	714,146	1,721	430	90%
1432958400	May 30/15	144,500	946	712,425	3,820	955	101%
1432872000	May 29/15	143,553	1,423	708,605	5,626	1,407	99%
1432785600	May 28/15	142,130	1,799	702,979	7,422	1,856	103%
1432699200	May 27/15	140,330	1,297	695,558	5,352	1,338	103%
1432612800	May 26/15	139,033	1,775	690,206	7,690	1,923	106%
1432526400	May 25/15	137,258	1,124	682,516	4,521	1,130	101%
1432440000	May 24/15	136,134	1,526	677,995	6,180	1,545	101%

Compare output to irradiance. Log min/max values



Email alarm if any inverter is below expected output

