



SolarVu PayCheck Included with SCADA

If the CIA for your solar PV project requires a SCADA interface from the LDC there is no choice but to comply. However, if you purchase the SCADA equipment from Cachelan with a [SolarVu energy portal](#) for managing the system the [PayCheck option](#) is provided at no charge (normally a \$1,795 option).

PayCheck uses the SCADA revenue grade meter to include 3 valuable tools for site management.

- 1) Utility payment verification
- 2) Meter log for O&M troubleshooting
- 3) Performance Analysis - forecast to actual output variance

PayCheck - O&M Troubleshooting

Diagnose difficult to find intermittent problems with a 90 day log of all measured revenue grade meter parameters every 10 minutes

PayCheck - Log		(Slave ID: 1, Meter: Acuvim II)						Installation	
Export Power 196 kW	Voltage	L1-N	358.8 V	L2-N	356.0 V	L3-N	355.4 V		
Total Export Energy 2,100 MWh		L1-L2	616.1 V	L2-L3	618.5 V	L3-L1	616.9 V		
Total Import Energy 3,736 kWh	Current	L1 Current	193.5 A	L2 Current	186.4 A	L3 Current	173.9 A		
		Power	L1 Active	68.9 kW	L1 Reactive	3.48 kVar	L1 Apparent	69.5 kVA	
		L2 Active	65.9 kW	L2 Reactive	4.1 kVar	L2 Apparent	66.3 kVA		
		L3 Active	61.3 kW	L3 Reactive	2.53 kVar	L3 Apparent	61.9 kVA		
		Total Power	196 kW	Total Reactive	1.92 kVar	Total Apparent	197.7 kVA		
	Measured	Power Factor	-0.99	Frequency	59.97 Hz				
		Import	3,736 kWh	Export	2,100 MWh	Run Time	15696.44 Hrs		

PayCheck - Payment Verification

Check that the utility payment received is correct. Download daily output to use for dispute resolution

PayCheck - Payment Verification				
Start	End	Period		
07/01/2016	07/31/2016	31 Days		
Utility	SolarVu*	Difference	Variation %	
\$ 107,452.00	\$ 108,303.40	=	-\$ 851.40	-0.8 %
Energy	136042 kWh	=	1,000 kWh	0.7 %

PayCheck - Performance Analysis

Compare variance of the PVsyst forecast to actual output



PayCheck[™]



LIVE SITES