



## AC Energy & Cost Savings



(Example) 14.8kW Ground Mount Solar Array

Station Identification	
City:	Pittsburgh
State:	Pennsylvania
Latitude:	40.50° N
Longitude:	80.22° W
Elevation:	373 m
PV System Specifications	
DC Rating:	14.8 kW
DC to AC Derate Factor:	0.770
AC Rating:	11.4 kW
Array Type:	Fixed Tilt
Array Tilt:	30.0°
Array Azimuth:	180.0°
Energy Specifications	
Cost of Electricity:	9.6 ¢/kWh

Results			
Month	Solar Radiation (kWh/m <sup>2</sup> /day)	AC Energy (kWh)	Energy Value (\$)
1	2.49	902	86.59
2	3.36	1103	105.89
3	4.20	1445	138.72
4	5.04	1671	160.42
5	5.45	1779	170.78
6	5.76	1762	169.15
7	5.58	1759	168.86
8	5.58	1768	169.73
9	4.65	1458	139.97
10	4.00	1347	129.31
11	2.52	837	80.35
12	1.80	605	58.08
Year	4.21	16436	1577.86

Output Hourly Performance Data

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Output Results as Text

[About the Hourly Performance Data](#)

[Saving Text from a Browser](#)

Run [PVWATTS v.1](#) for another US location or an International location

Run [PVWATTS v.2](#) (US only)

Please send questions and comments regarding PVWATTS to [Webmaster](#)

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