

RESULTS

37,265 kWh per Year *

System output may range from 36,244 to 38,249 kWh per year near this location.

Caution: Photovoltaic system performance predictions calculated by PVWatts® include many inherent assumptions and uncertainties and do not reflect variations between PV technologies nor site-specific characteristics, except as represented by PVWatts® inputs. For example, PV modules with better performance are not differentiated within PVWatts® from lesser performing modules. Both NREL and private companies provide more sophisticated PV modeling tools (such as the System Advisor Model at <http://sam.nrel.gov>) that allow for more precise and complex modeling of PV systems.

The expected range is based on 30 years of actual weather data at the given location and is intended to provide an indication of the variation you might see. For more information, please refer to this NREL report: The Error Report.

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The energy output range is based on analysis of 30 years of historical weather data for nearby, and is intended to provide an indication of the possible interannual variability in generation for a Fixed (open rack) PV system at this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)	Energy Value (\$)
January	4.68	2,736	N/A
February	5.22	2,758	N/A
March	5.92	3,444	N/A
April	6.05	3,414	N/A
May	5.77	3,346	N/A
June	5.99	3,381	N/A
July	6.08	3,523	N/A
August	5.94	3,431	N/A
September	5.78	3,234	N/A
October	5.14	2,981	N/A
November	4.47	2,514	N/A
December	4.30	2,503	N/A
Annual	5.45	37,265	0

Location and Station Identification

PV System Specifications (Residential)

DC System Size	23.544 kW
Module Type	Premium
Array Type	Fixed (open rack)
Array Tilt	7°
Array Azimuth	180°
System Losses	8.68%
Inverter Efficiency	93%
DC to AC Size Ratio	1.1

Economics

Average Cost of Electricity Purchased from Utility	No utility data available
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Performance Metrics

Capacity Factor	18.1%
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