



RESULTS

5,734 kWh/Year*

System output may range from 5,472 to 5,848 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 <https://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)	Value (\$)
January	3.13	334	33
February	3.81	363	36
March	4.74	483	47
April	5.73	564	55
May	6.43	640	63
June	6.39	603	59
July	5.94	582	57
August	5.78	560	55
September	5.24	503	49
October	4.47	450	44
November	3.48	347	34
December	2.88	305	30
Annual	4.84	5,734	\$ 562

Location and Station Identification

Requested Location	542 Warrington Dr, New Orleans, LA 70122 , USA	
Weather Data Source	Lat, Lon: 30.01, -90.06	0.7 mi
Latitude	30.01° N	
Longitude	90.06° W	

PV System Specifications (Residential)

DC System Size	4.32 kW
Module Type	Standard
Array Type	Fixed (open rack)
Array Tilt	20°
Array Azimuth	90°
System Losses	14.08%
Inverter Efficiency	96%
DC to AC Size Ratio	1.2

Economics

Average Retail Electricity Rate	0.098 \$/kWh
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Performance Metrics

Capacity Factor	15.2%
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