



RESULTS

5,603 kWh/Year*

System output may range from 5,347 to 5,714 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	3.08	328	32
February	3.83	363	36
March	4.68	475	47
April	5.69	559	55
May	6.30	626	61
June	6.08	573	56
July	5.74	561	55
August	5.47	529	52
September	5.16	492	48
October	4.47	448	44
November	3.56	353	35
December	2.82	297	29
Annual	4.74	5,604	\$ 550

Location and Station Identification

Requested Location	2565 Lavender St, New Orleans, LA 70122, USA	
Weather Data Source	Lat, Lon: 30.01, -90.06	1.0 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	270°
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	14.8%
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