



# RESULTS

# 4,707 kWh/Year\*

System output may range from 4,492 to 4,801 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 <sup>2</sup> / day )	AC Energy ( kWh )	Value ( \$ )
January	3.00	266	26
February	3.70	294	29
March	4.66	396	39
April	5.69	467	46
May	6.41	533	52
June	6.39	503	49
July	5.93	485	48
August	5.75	464	46
September	5.17	414	41
October	4.35	365	36
November	3.35	278	27
December	2.76	243	24
<b>Annual</b>	<b>4.76</b>	<b>4,708</b>	<b>\$ 463</b>

## Location and Station Identification

Requested Location	5320 Warrington Dr, New Orleans, LA 70122, USA	
Weather Data Source	Lat, Lon: 30.01, -90.06	0.6 mi
Latitude	30.01° N	
Longitude	90.06° W	

## PV System Specifications (Residential)

DC System Size	3.6 kW
Module Type	Standard
Array Type	Fixed (open rack)
Array Tilt	20°
Array Azimuth	84°
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	14.9%
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