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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.

# RESULTS

# 821 kWh/Year\*

System output may range from 784 to 838 kWh per year near this location.

Month	Solar Radiation ( kWh / m <sup>2</sup> / day )	AC Energy ( kWh )	Value ( \$ )
January	1.82	31	3
February	2.70	43	4
March	3.89	68	7
April	5.25	90	9
May	6.22	108	11
June	6.27	103	10
July	5.78	99	10
August	5.27	89	9
September	4.43	73	7
October	3.24	55	5
November	2.15	34	3
December	1.64	28	3
<b>Annual</b>	<b>4.06</b>	<b>821</b>	<b>\$ 81</b>

## Location and Station Identification

Requested Location	5310 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	0.75 kW
Module Type	Standard
Array Type	Fixed (open rack)
Array Tilt	20°
Array Azimuth	355°
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	12.5%
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