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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, 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

# 7,707 kWh/Year\*

*System output may range from 7,355 to 7,860 kWh per year near this location.*

Month	Solar Radiation ( kWh / m <sup>2</sup> / day )	AC Energy ( kWh )
January	4.30	553
February	4.82	549
March	5.41	655
April	6.10	716
May	6.41	762
June	6.13	690
July	5.84	684
August	5.93	684
September	5.87	670
October	5.56	665
November	4.77	570
December	3.99	509
<b>Annual</b>	<b>5.43</b>	<b>7,707</b>

## Location and Station Identification

Requested Location	5643 Pratt Dr, New Orleans, LA, 70122
Weather Data Source	Lat, Lng: 30.01, -90.06 0.8 mi
Latitude	30.01° N
Longitude	90.06° W

## PV System Specifications

DC System Size	5.18 kW
Module Type	Standard
Array Type	Fixed (open rack)
Array Tilt	20°
Array Azimuth	174°
System Losses	14.08%
Inverter Efficiency	96%
DC to AC Size Ratio	1.2

## Performance Metrics

Capacity Factor	17.0%
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