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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

5,188,967 kWh/Year*

Location and Station Identification Requested Location 4818 Warrington Drive, New Orleans, LA, 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 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%			om 4,951,831 to 5,292,227 kW	
January 3.09 303,551 29,809 February 3.76 328,536 32,262 March 4.68 437,277 42,941 April 5.62 508,247 49,910 May 6.32 577,391 56,700 June 6.31 546,177 53,635 July 5.85 525,938 51,647 August 5.71 506,798 49,768 September 5.17 454,850 44,666 October 4.41 407,140 39,981 November 3.44 314,709 30,904 December 2.86 276,353 27,334 Annual 4.77 5,188,967 \$509,55 South of the control of	Month			
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March 4.68 437,277 42,941 April 5.62 508,247 49,910 May 6.32 577,391 56,700 June 6.31 546,177 53,635 July 5.85 525,938 51,647 August 5.71 506,798 49,768 September 5.17 454,850 44,666 October 4.41 407,140 39,981 November 3.44 314,709 30,904 December 2.86 278,353 27,334 Annual 4.77 5,188,967 \$509,55 Annual 4.77 5,188,967 \$509,55 Location and Station Identification Requested Location 4818 Warrington Drive, New Orleans, LA, USA Weather Data Source Lat, Lon: 30.01, -90.06 0.6 mi August 5.71 590,65 Annual 4.77 5,188,967 \$509,55 DC System Specifications (Residential) DC System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Tilt 25° Array Azimuth 90° System Losses 14.08%	_	3.09	303,551	29,809
April 5.62 508,247 49,910 May 6.32 577,391 56,700 June 6.31 546,177 53,635 July 5.85 525,938 51,647 August 5.71 506,798 49,768 September 5.17 454,850 44,666 October 4.41 407,140 39,981 November 3.44 314,709 30,904 December 2.86 278,353 27,334 Annual 4.77 5,188,967 \$509,55 Location and Station Identification Requested Location 4818 Warrington Drive, New Orleans, LA, USA Weather Data Source Lat, Lon: 30.01, -90.06 0.6 mi Latitude 30.01° N PV System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	February	3.76	328,536	32,262
May 6.32 577,391 56,700 June 6.31 546,177 53,635 July 5.85 525,938 51,647 August 5.71 506,798 49,768 September 5.17 454,850 44,666 October 4.41 407,140 39,981 November 3.44 314,709 30,904 December 2.86 278,353 27,334 Annual 4.77 5,188,967 \$ 509,55 Cocation and Station Identification Lat, Lon: 30.01, -90.06 0.6 mi Weather Data Source Lat, Lon: 30.01, -90.06 0.6 mi Latitude 30.01° N 90.06° W PV System Specifications (Residential) 90.06° W PV System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	March	4.68	437,277	42,941
June 6.31 546,177 53,635 July 5.85 525,938 51,647 August 5.71 506,798 49,768 September 5.17 454,850 44,666 October 4.41 407,140 39,981 November 3.44 314,709 30,904 December 2.86 278,353 27,334 Annual 4.77 5,188,967 \$ 509,55 Location and Station Identification Requested Location 4818 Warrington Drive, New Orleans, LA, USA Weather Data Source Lat, Lon: 30.01, -90.06 0.6 mi Latitude 30.01° N 30.01° N Longitude 90.06° W PV System Specifications (Residential) DC System Size Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	April	5.62	508,247	49,910
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Annual 4.77 5,188,967 \$ 509,55 Location and Station Identification Requested Location 4818 Warrington Drive, New Orleans, LA, 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 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	November	3.44	314,709	30,904
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Requested Location 4818 Warrington Drive, New Orleans, LA, USA Weather Data Source Lat, Lon: 30.01, -90.06 0.6 mi Latitude 30.01° N PV System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Annual	4.77	5,188,967	\$ 509,55
Weather Data Source Lat, Lon: 30.01, -90.06 0.6 mi Actitude 30.01° N 90.06° W DV System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Location and Station Id	entification		
Latitude 30.01° N Longitude 90.06° W PV System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Requested Location	4818 Wa	arrington Drive, New Orlea	ans, LA, USA
Longitude 90.06° W PV System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Weather Data Source	Lat, Lon	Lat, Lon: 30.01, -90.06 0.6 mi	
PV System Specifications (Residential) DC System Size 3960 kW Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Latitude	30.01° N	I	
DC System Size Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Longitude	90.06° V	V	
Module Type Standard Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	PV System Specificatio	ns (Residential)		
Array Type Fixed (open rack) Array Tilt 25° Array Azimuth 90° System Losses 14.08%	DC System Size	3960 kW	I	
Array Tilt 25° Array Azimuth 90° System Losses 14.08%	Module Type	Standar	Standard	
Array Azimuth 90° System Losses 14.08%	Array Type	Fixed (o	pen rack)	
System Losses 14.08%	Array Tilt	25°		
	Array Azimuth	90°		
Inverter Efficiency 96%	System Losses	14.08%		
	Inverter Efficiency	96%		

Economics

Average Retail Electricity Rate	0.098 \$/kWh
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Performance Metrics

DC to AC Size Ratio

Capacity Factor	15.0%
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