



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.

RESULTS

15,135 kWh/Year*

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)	Value (\$)
January	6.07	1,337	51
February	6.91	1,336	51
March	7.24	1,487	56
April	7.01	1,382	53
May	6.64	1,381	52
June	5.39	1,143	43
July	4.28	999	38
August	4.31	994	38
September	5.57	1,200	46
October	6.33	1,356	52
November	5.93	1,256	48
December	5.74	1,264	48

Annual	5.95	15,135	\$ 576
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Location and Station Identification

Requested Location	indore	
Weather Data Source	Lat, Lon: 22.75, 75.85	2.4 mi
Latitude	22.75° N	
Longitude	75.85° E	

PV System Specifications (Residential)

DC System Size	10 kW
Module Type	Standard
Array Type	Fixed (roof mount)
Array Tilt	23°
Array Azimuth	180°
System Losses	14.08%
Inverter Efficiency	96%
DC to AC Size Ratio	1.2

Economics

Average Retail Electricity Rate	0.038 \$/kWh
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Performance Metrics

Capacity Factor	17.3%
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