



Average kwh per square foot of solar panel in illinois

How much does it cost to install solar panels in Illinois?

The average cost to install solar panels is \$20,476 in Illinois before factoring in the federal investment tax credit (ITC). After the ITC, the upfront cost drops to \$14,333. Going solar in the Prairie State is about 14% cheaper than the national average.

How much does a 6kW Solar System cost in Illinois?

Given the average residential price-per-watt of \$3.76 in Illinois, a 6kW system can cost around \$22,533 depending on applicable rebates and other factors. Select your county by clicking on the map and see the potential generated solar power and panel pricing. See how it compares with the US state average.

How much energy does solar produce in Illinois?

You can expect to generate more than 7,000 kWh of energy per year on a property with generous sunlight. Illinois residents pay an average electricity rate of 15.13 cents per kWh. At that rate, a solar output of 7,000 kWh per year could save you \$1,059 in energy costs. You also receive 7 SRECs for the 7,000 kWh generated.

How much does a solar array cost in Illinois?

Most Illinois residents pay between \$9,500 and \$21,000 for their solar arrays. As you can see by the range we've provided, your total cost can vary based on several factors. The best way to get an accurate estimate is to use a customized solar calculator or have an installer provide a quote for you.

How much does a solar loan cost in Illinois?

Solar loans are popular in Illinois, where a cash purchase might not be realistic for residents. Instead, most financing agencies and solar panel companies provide monthly payments that sit at or below your current monthly energy charges. For most Illinois residents, that would be around \$107.

Is going solar cheaper in Illinois?

Going solar is cheaper here than in many other states, and Illinois offers tax incentives to help make paying for your system easier. When choosing a system, be sure to factor in equipment, labor, permit and roof repair or replacement costs to ensure you can afford solar before signing a contract.

Solar Power Levels in Chicago The average monthly solar radiation level in Chicago, IL, of 4.74 kilowatt hours per square meter per day (kWh/m²/day) is approximately 21% greater than the average level of 3.93 kWh/m²/day in a city ...



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