

PDEOZE PowerContainer

Prices for installing solar panels in three locations



Overview

How much does it cost to get solar panels in different states?

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Solar panels generate “free” electricity, but installing a system still costs money. A typical American household needs a 10-kilowatt (kW) system to adequately power their home, which costs \$28,241 in 2025. That price effectively drops to \$19,873 after considering the full federal solar tax credit.

Solar power system cost based on your location, roof, power usage, and current local offers. Last updated: October 2025 As of 2025, the average cost of solar panels in New York is \$3.30 per watt, making a typical 6.9 kilowatt (kW) solar system \$16,632 after claiming the 30% federal solar tax credit.

For homeowners in New York, the average cost for a professionally installed residential rooftop solar system typically ranges from \$19,000 to \$35,000 before any tax credits or incentives are applied. This guide will provide a comprehensive breakdown of what that investment includes, the key factors.

Click the button below to get connected to a highly rated solar panel company in your area for a personalized estimate. When going solar, many homeowners choose to hire a solar company since installing a solar system yourself can be a challenging project. A solar company can also help save you. How much does a solar panel installation cost?

One of the biggest cost factors for your solar panel installation is the size of the system you have installed. System size is measured in kilowatts (kW) and is determined by household energy consumption. The average cost per watt is \$3.04, but larger systems often have a lower cost per watt.

How much do solar panels cost in New York?

As of 2024, the average cost of solar panels in New York is \$3.30 per watt, making a typical 6.9 kilowatt (kW) solar system \$16,632 after claiming the 30% federal solar tax credit now available. This is higher than the average price of residential solar power systems across the United States, which is currently \$3.00 per watt.

How much does solar cost per square foot?

The average system cost only drops by \$1,000 and the cost per square foot increases to \$12.83. Installing less solar will lower your cost but on a non-linear basis as there are a lot of fixed costs for installers to design, permit, and install your system.

Does solar cost a lot?

The overall cost of solar can be influenced by the solar incentives available. Across the U.S., homeowners can apply for the federal solar tax credit. The solar tax credit makes installing solar more cost-effective by providing homeowners with a tax credit equal to 30% of the cost of their installed solar panel system.

How much does a 10 kW solar system cost?

It costs \$36,500 for a 10-kW solar system after the ITC is applied. Broadly speaking, the cost is about \$18,250 for a 5-kW system. Other solar equipment, higher quality panels, or above-average energy needs will increase the cost. Conversely, a smaller solar panel system or less efficient solar panels will decrease the cost.

How much does a solar system cost per watt?

As of publishing, the average cost per watt is \$2.84. Most solar companies set the price according to the solar system's wattage. A solar installation's "cost per watt" is a little like the "price per square foot" when you buy a house. It helps compare the value of solar energy systems in different sizes.

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Need to know about the cost of solar panels in New York? This guide covers everything from installation prices to whether or not panels are worth it in NY.

This guide will provide a comprehensive breakdown of what that investment includes, the key factors that influence your final price, and how powerful incentives can make ...

Thinking about installing solar panels in New York? Find everything you need to know about incentives, cost, top companies, and more.

If you enter your details into the solar calculator below, you will get a solar cost and savings estimate and find out how much solar panels will cost for your home based on current offers ...

Our team of full-time local researchers collects solar price and installation data for every city in America then compiles it to create these digestible city guides.

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The falling cost of solar panels, coupled with the recent spike in grid electricity prices, have made home solar a reliable means of reducing your essential energy costs.

Going solar in New York now averages about \$3.73 per watt. That means you can expect to pay roughly \$3,729 per kilowatt (kW) of installed capacity before incentives. For ...

On the left side below, you can find a detailed price breakdown for various solar panel system sizes set up in New York. More extensive solar installations come with a higher price, yet they ...

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Find out how much solar panels cost in 2025, from average prices to a full cost breakdown. Learn how to save money with the federal tax credit and local incentives.

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