

Are solar panels worth it in Tennessee?

Solar panels are worth it in most areas, including Tennessee. Certain factors, including the cost of electricity, incentives, climate, and the angle at which the sun hits your roof impact how quickly you break even on your investment relative to other areas around the U.S.

Do solar panels pay off in Tennessee?

Based on feedback from dozens of solar customers in Tennessee, solar panel investments tend to pay off over time. Assuming an upfront purchase, it takes about 12.5 years to break even (when your savings with solar panels make up for the cost). The average solar panel installation costs \$3.26 per watt in Tennessee.

How much does solar cost in Tennessee?

Take control of your energy costs with solar power. Average solar panel installation costs range from \$11,410 to \$32,600 in Tennessee. Your total costs depend on the size of your system, what incentives you're eligible for, how you pay and other factors.

Is solar a good investment in Tennessee?

Plus, energy usage in Tennessee is the second-highest in the entire country, which means installing solar will be more valuable in Tennessee than in almost every other state in terms of electricity consumption. How Much Is It To Go Solar in Tennessee?

Should you go solar in Tennessee?

Going solar in sunny Tennessee reduces your carbon footprint and your reliance on the utility electric grid. Factor in the federal solar tax credit, and Tennesseans can cut the cost of solar by thousands of dollars, speeding up your payback period and increasing the value of your investment. Here's our guide to going solar in the Volunteer State.

Are solar panels tax deductible in Tennessee?

There are some solar incentives available from the state and federal governments that make installing solar panels more appealing throughout Tennessee. One of the most substantial solar incentives is the federal solar tax credit (ITC). The ITC is a credit to your federal income taxes, and it totals 30% of your installation expenses.

All costs included, a 10kW solar panel system can cost between \$17,612 and \$23,236, with the federal solar tax credit (I'll explain that in a second). Naturally, if you opt for a smaller 6kW system, the average cost will ...

The TDEC Office of Energy Programs (OEP) will administer the Solar for All Program to accelerate the deployment of solar infrastructure to benefit low-income households and ...

Electricity Costs in Clarksville, TN & What that Means for Your Solar Panel Pricing . For energy consumers in Clarksville, the average electric bill amounts to \$144.34 per month, ...

In Chattanooga, TN in April, 2025, the average price per watt for solar panel systems is estimated at \$3.84/W. Each 1 kW (1000 watts) of solar power capacity will cost you ...

Fast-forward to 2022, and solar is adding 775 GWh of power to Tennessee's electric grid, producing enough electricity to power more than 72,000 average homes. That's according to data from the federal Energy ...

Are solar panels worth it in Tennessee? Solar panels are worth it in most areas, including Tennessee. Certain factors, including the cost of electricity, incentives, climate, and the angle at which the sun hits your roof ...

As of 2025, the average cost of solar panels in Tennessee is \$2.92 per watt, making a typical 7.2 kilowatt (kW) solar system \$14,717 after claiming the 30% federal solar tax credit now ...

If you pay for your system with cash, you'll save about \$31,263 over 25 years (the warranty term of most solar panels) on electricity costs with a 5 kW system in Tennessee. We generate this estimate based on real solar ...

Tennessee ranks 27th in the nation in terms of solar conversions, and residents pay less for electricity than homeowners in most other states. Since solar panels primarily provide savings by reducing energy bills, many ...

Is solar power worth it in Tennessee? Are solar panels worth it in Tennessee. Solar panels have fallen in price by more than 80% in the last ten years. In 2020 they also remain subsidized by ...

Intro to Solar Power in Tennessee . Tennessee may be one of the smaller United States, but it is one of the more populous and has made quite an impact on the nation overall. Nashville remains a cultural center and a mecca for musicians; ...

Additionally, the state offers an exemption on property taxes, but you'll still have to pay up taxes on 12.5% of the worth of your solar panel system. ... Tennessee solar power FAQs.

Through NEM, you essentially replace your grid electricity rate with a much lower rate for solar power. Over the 25-plus year life of a solar system, that leads to tens of thousands in electricity savings. Increased solar ...

Several residents have told us that solar is worth it in Tennessee. For most, it's about saving on electric bills. Over 25 years, Tennessee ...

However, Tennessee experiences around 205 sunny days per year, which is in line with the national average and means that there is enough annual sunshine in the state to make solar energy ...

The Economics of Solar. According to the Solar Energy Industries Association (SEIA), Tennessee's solar market is valued at \$1.2 billion, and 142 solar companies are currently ...

Is It Worth Going Solar in Tennessee? Yes, solar panels are worth it in Tennessee. ?? By harnessing the power of the sun, homeowners can enjoy substantial savings of 40% to 60% on their electricity bills. Additionally, ...

Tennessee's Energy Efficiency Loan Program (EELP) is operated by Pathway Lending, a private non-profit operating in multiple states. Through the program, small ...

Solar energy surging in Tennessee. A mere decade ago, the share of Tennesseans energy produced from solar was negligible. Fast-forward to 2022, and solar is adding 775 GWh of power to Tennessee's electric grid, producing ...

Tennessee does not offer its own state tax credits for solar energy systems, but homeowners can still take advantage of the federal Solar Investment Tax Credit (ITC), which allows for a 30% deduction of the total solar ...

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