

# **Solar NC site energy prices**





## Overview

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Going solar in North Carolina now averages about \$3.18 per watt. That means you can expect to pay roughly \$3,177 per kilowatt (kW) of installed capacity before incentives. For example, a 5 kW system typically costs around \$17,100 before applying the 30% federal tax credit. How much does solar cost in North Carolina?

The out-of-pocket investment is lower than in other states, and solar is very popular in North Carolina. The state ranks fourth in the country for solar installations. The average cost per watt is \$2.78 in North Carolina. Solar panels generally pay for themselves within 12 years in North Carolina (if you pay for your system upfront).

How much does a 9kW Solar System cost in North Carolina?

A 9kW Solar System in North Carolina, given the average residential price-per-watt of \$3.76, can cost around \$33,841 depending on applicable rebates and other factors. For more information, select your county from the map to see potential generated solar power and panel pricing.

Are solar panels tax deductible in North Carolina?

If you install a solar panel system to power a primary or secondary residence, you can claim 30% of project costs as a federal tax credit. Home batteries with at least 3 kWh of capacity are also eligible for the incentive. The following six installers are our picks for the best solar companies in North Carolina:

Does North Carolina offer a solar tax credit?

Many people mistakenly refer to this tax credit as the North Carolina solar tax credit but it is actually a federal tax credit. North Carolina itself does not offer a solar tax credit. Levelized cost of power from this typical solar system installed on a home in North Carolina over 25 years is 5.1 cents/kWh.

Do solar panels increase property taxes in North Carolina?



If you install a solar panel system, the resulting increase in home value is exempt from an increase in property taxes. North Carolina homeowners who switch to solar receive billing credits for surplus solar energy sent to the grid.

Is solar a good option in North Carolina?

North Carolina also has many solar incentives to make going solar more affordable. The state offers property tax incentives and discounts to encourage residents to go solar. You can also get rebates on solar water heaters. Plus, there are many low-interest solar loan options for residents of the Tar Heel State.



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### [North Carolina Solar Panel Costs: 2025 Expert Guide](#)

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 ...

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### North Carolina Solar Panel Cost: Savings and Payback (August ...

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### North Carolina Solar Panel Cost Calculator: Estimate Your 2024 ...

Wondering how much solar panels cost in North Carolina? Our 2024 price guide breaks down average costs by system size, reveals incentives and savings, and shares tips to ...

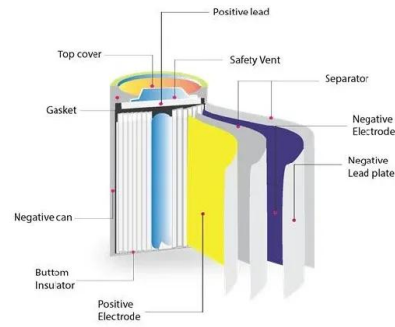
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With electricity prices rising 24% from 2020 to 2024, many residents are turning to home solar panels for long-term savings. This guide covers everything you ...

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Ever wonder how much solar installation costs in North Carolina? Or how much you could save? Wonder no more and get your free online solar quote estimate from 8MSolar.

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### [North Carolina Solar Power: 2025 Costs, Incentives & Savings](#)

With electricity prices rising 24% from 2020 to 2024, many residents are turning to home solar panels for long-term savings. This guide covers everything you need to know about solar ...

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- ✓ 100KWH/215KWH
- ✓ LIQUID/AIR COOLING
- ✓ IP54/IP55
- ✓ BATTERY 6000 CYCLES

### [Solar Panels Cost 11k-20k in North Carolina, June, 2025](#)

How much do solar panels cost in North Carolina in 2025? The average cost per watt of solar in North Carolina in June, 2025 is \$3.18/W. It will cost \$3,180, on average, for ...

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