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# Solar NC Site Energy Prices





## Overview

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How much do solar panels cost in North Carolina?

As of July 2024, the average solar panel system costs \$2.49/W including installation in North Carolina. For a 5 kW installation, this comes out to about \$12,442 before incentives, though prices range from \$10,576 to \$14,308. After the federal tax credit, the average price drops by 30%. You'll probably pay even less than what we show here.

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 there solar incentives in North Carolina?

North Carolina has plenty of local incentives to lower your overall solar system cost. You can also take advantage of tax incentives and rebate programs through your utility company. The chart below offers more information on the top solar incentives in North Carolina. North Carolina has a property tax exemption for solar systems.

Are solar batteries worth it in North Carolina?

Many solar customers in North Carolina also choose to install solar batteries to provide energy through blackouts, and these can drive up costs by tens of thousands of dollars. North Carolina experiences 213 sunny days per year — above the national average of 205 days.



## Solar NC Site Energy Prices



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

North Carolina's abundant sunshine and favorable climate make it an ideal location for solar energy. As a top solar state in the Southeast, homeowners here have a unique opportunity to ...

### [The Cost of Solar Panels in North Carolina \(2025 Guide\)](#)

Sep 18, 2025 · What's the real cost of solar panels in North Carolina? Our 2025 guide details average prices, the 30% tax credit & the valuable Duke Energy rebate.



### [North Carolina Solar Savings & Installation Quote Calculator ...](#)

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.

### [North Carolina Solar Calculator 2025 , Duke Energy](#)

Jul 2, 2025 · North Carolina's most accurate solar calculator. Get instant estimates with Duke Energy, Dominion Energy pricing. 30% federal credit + NC solar rebates = maximum savings.



## [Solar Panel Cost in North Carolina \(2025 Local Savings Guide\)](#)

Dec 29, 2023 · How Much Do Solar Panels Cost in North Carolina? The average cost of solar panels in North Carolina is \$3.21 per watt. Solar panel systems in North Carolina typically ...



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

The Amount of Electricity Your Home Uses  
The Type of Solar Panels You Buy  
The Quality of Your Solar Installation  
Federal, State, and Local Solar Incentives  
Homes that use more electricity will need more solar panels to cover their energy needs. Although solar panels do get cheaper on a per-watt basis, the overall cost of the system will increase as more panels are added. However, the higher a home's energy usage, the more solar panels can save homeowners energy bills. See more on solarreviews ConsumerAffairs

## **North Carolina Solar Panel Costs: Is It Worth ...**

Sep 23, 2024 · The average solar panel installation costs \$2.34 per watt in North Carolina. "Cost per watt" is similar to the price per square foot when ...

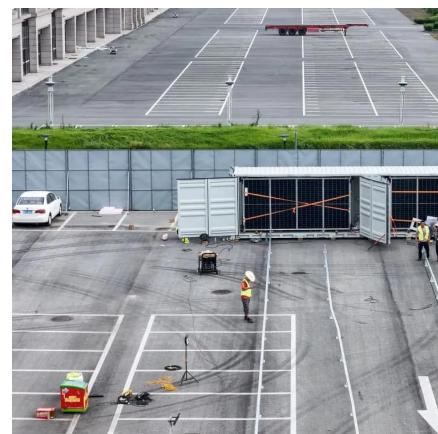


## [North Carolina Solar Panel Cost: Savings and Payback ...](#)

4 days ago · Learn about North Carolina's 2025 solar panel costs, with rates around \$3.18 per watt and a 5 kW system costing about \$11,970 after tax credits.

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

Solar panel installation cost in North Carolina by system size in 2025 The size of a solar panel system also plays a role in how much the installation will cost. Larger solar installations ...



## [North Carolina Solar Panel Costs: Is It Worth It? \(2025\)](#)

Sep 23, 2024 · The average solar panel installation costs \$2.34 per watt in North Carolina. "Cost per watt" is similar to the price per square foot when you buy a house. It helps you compare ...

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