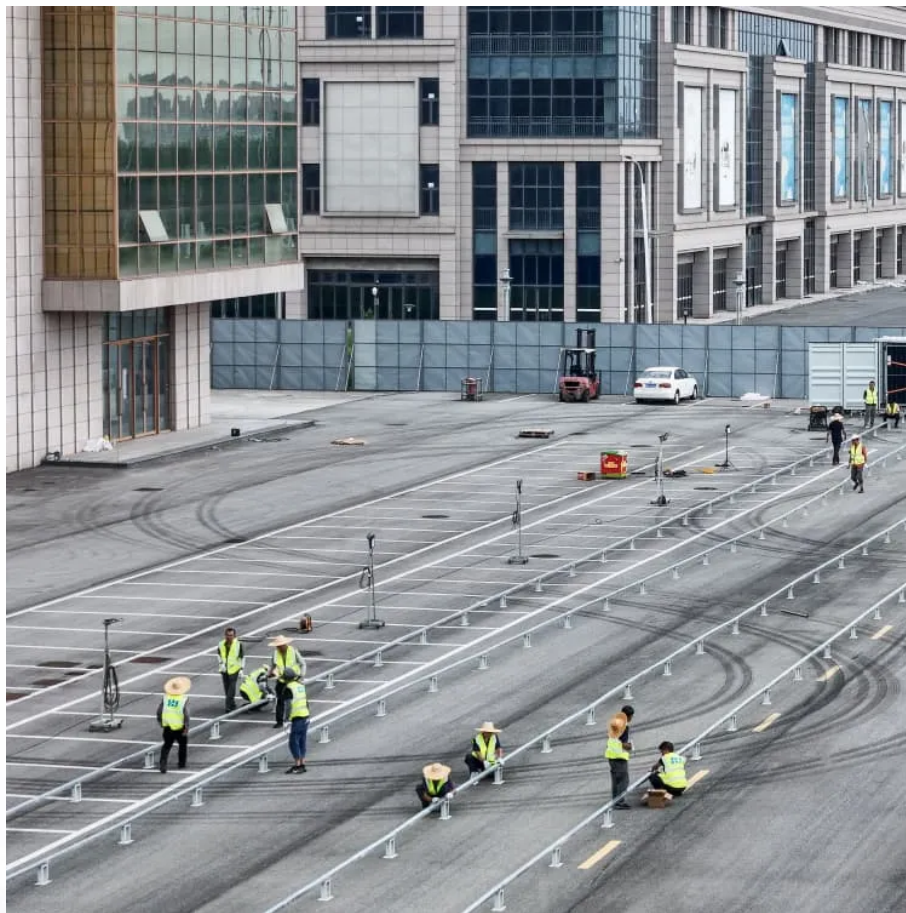


Should I install photovoltaic solar panels





Overview

Should you install solar panels on your roof?

Using an irradiance map can help determine how much sunlight a roof receives, and that data can be used by homeowners to discover if it's worth installing solar panels. Homes located in states with little to no rain or cloud cover—and without a lot of shade covering the roof—are prime candidates for solar panels.

Is a home suitable for solar panels?

A home is suitable for solar panels if its roof is clear of obstructions and has good sun exposure. Roof orientation is crucial; north-facing roofs receive less sunlight compared to south-facing roofs.

Are solar panels right for You?

Solar panels are best for people who live in good solar states with solar-friendly policies, like net metering and solar incentive programs. Homes with south-facing roofs and lots of unshaded space are also ideal for solar. Homeowners with high electricity bills are among those who can benefit the most from going solar.

Do I need a new roof for my solar project?

Before installing solar panels, your roof should be inspected to determine if it can withstand the weight. If your roof needs replacement within the next five years, it's recommended to do so before installing solar panels. Otherwise, a new roof is not necessary for a solar project.

How do I choose a solar panel for my home?

When choosing solar panels for your home, consider the following factors: the direction and shade on your roof. Homes with south, southeast, or southwest facing roofs are ideal. Also, consider how trees, neighboring homes, and other tall objects may impact the sunlight hitting your roof.



Do solar panels add value to your home?

According to the US Department of Energy's Lawrence Berkeley National Laboratory, solar panels can add serious value to your home and sell quicker than homes without solar. A recent study found that, based on the average home cost, homes with solar sell for 6.8% more, adding a value of around \$25,000. Solar panels can add to your home's value.



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[Are Solar Panels Worth It? \(And 7 Reasons Not to Buy Them\)](#)

Solar panels are worth it for most homeowners, as long-term savings and increases in property value make up for the high initial installation costs. Whether solar panels are worth it depends ...

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