



# What to do if the solar panel power generation is low

What should I do if my solar system underperforms?

Address issues like shading, dirt, and debris on the panels, panel degradation, inverter problems, and system design and configuration. If your system still underperforms, consider adding more panels, upgrading to high-efficiency panels, optimizing energy consumption, or installing a solar battery storage system.

What should I do if I don't have solar system monitoring?

If you do not have solar system monitoring installed, the first step is to check for any obvious issues with the solar panels, such as a build-up of dirt, dust, mould, or leaves. Maybe a good wash with a soft broom and water is all that they need. Also, check no nearby trees have grown significantly and are shading the panels.

What should I do if my solar panels don't work?

Dust, dirt, bird droppings, or other debris can block sunlight and reduce your system's performance. Regularly clean your solar panels with a soft brush or cloth and water to maintain their efficiency. If your panels are difficult to access, consider hiring a professional cleaning service.

Why are my solar panels not producing enough energy?

Solar panels are a great way to generate clean, renewable energy. However, you may sometimes notice that your solar panel system isn't producing the expected amount of energy. It is important to check for any visible issues, such as shading or dirt on the panels.

When should I Fix my solar panels?

Every second your solar energy system is down costs you money, so it's important to fix your solar panels as soon as you notice your solar panels are not producing full power. To help, we've rounded up some of the most common solar panel problems and how to solve them. Need professional solar maintenance in Arizona?

Do solar panels lose energy?

Solar power systems incur energy losses during the conversion. Inverters may lose up to 10% energy, and cables could lose 2% or more. Even if your solar panel produces at its rated output, energy losses in other parts of your solar system will reduce the electricity that reaches the battery and your appliances.



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