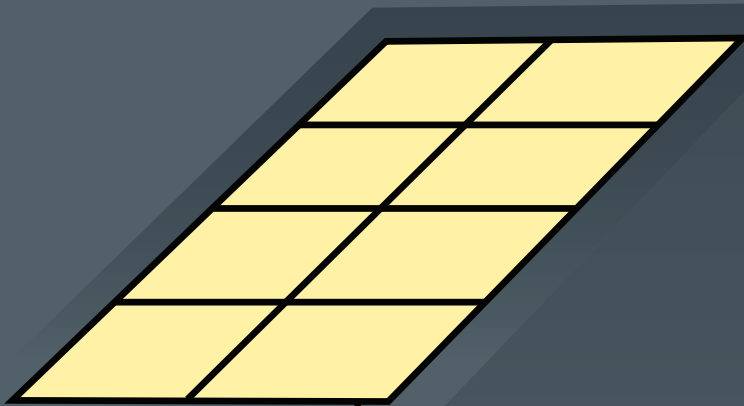


MONITORING YOUR SOLAR PANELS 101

Although it might seem complicated, there's not much you need to do to ensure your solar panels are in tip-top shape! Here are a few things you *probably should know* when it comes to your solar panels.



Checking Your Solar Panels



External Debris

Checking your solar panels seasonally to ensure they are free of debris like leaves can help maximize your production.



System Integrity

It's a good idea to inspect your system annually to remove tree branches and shrubbery that may give pest access to your roof and panels.



Weather Damage

If you live in a region that's prone to serious hail storms, you'll be glad to know that modern solar panels can take quite a beating from hail and other severe weather events without any impact to the panels or their performance.

Solar Inverter

Your inverter continuously measures the frequency and the voltage from the grid and adjusts the generated power accordingly—requiring little to no monitoring or maintenance.



Monitoring Your Usage and Production

A solar monitoring system can help make you more aware of your household energy habits as well as your PV (photovoltaic) system's performance. It offers information about energy consumption and generation, optimizing energy usage, and damage to your solar system, among other topics.



Energy Usage

Monitor your energy consumption to identify patterns.



Energy Production

Monitor and track your energy output on a daily, monthly, and annual basis.



Panel Performance

Monitor and track your systems performance to identify potential problems.



WARNINGS & ALERTS

Your monitoring system can report various alerts via email and texts. Contact your monitoring system's customer hotline for additional information if alerts remain unresolved.

Solar Glossary



kWh (kilowatt-hour)

The amount of kilowatts produced or used per hour. You can see this unit on your monthly power bill and see how much power you're currently using.



Net Metering

An agreement with your power company that allows you to "sell" excess solar energy to them. Not all states allow net metering.



Peak Shaving

Reducing how much energy you use during "peak" hours, when utilities tend to charge higher prices. Peak hours are usually from noon to 6pm.



Photovoltaics

Technology that converts sunlight into direct current electricity by use of semiconductors.

Contact All Energy Solar today!

For professional advice on how to get the most out of your solar panel system, get in touch with one of our helpful representatives today.

Contact information:
1.800.620.3370
www.allenergysolar.com

