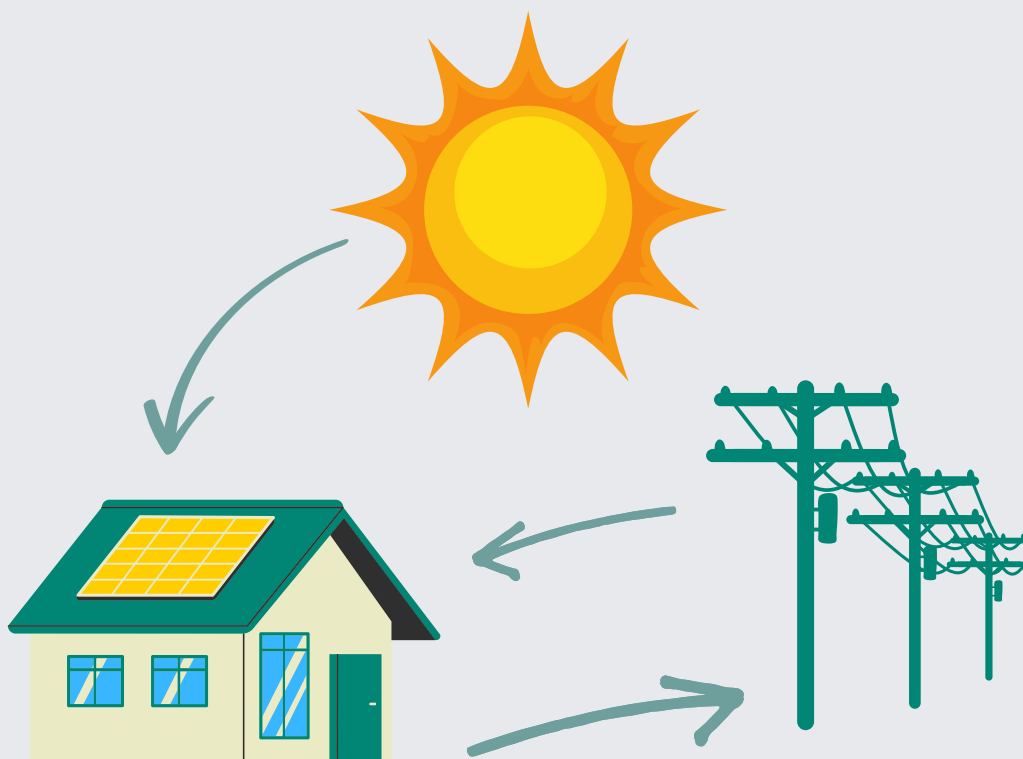


How Solar Works

Harnessing the Power of the Sun



QUESTIONS?

- 1 How does solar energy turn sunlight into electricity?
- 2 What are the main parts of a solar energy system?
- 3 Can solar panels work on cloudy days?



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How does solar energy turn sunlight into electricity?

Solar panels use photovoltaic (PV) cells to absorb sunlight and convert it into direct current (DC) electricity, which is then turned into usable alternating current (AC) electricity by an inverter.

What are the main parts of a solar energy system?

A solar system typically includes solar panels, an inverter, a battery (optional), and sometimes a monitoring system.

Can solar panels work on cloudy days?

Yes! Solar panels still generate electricity on cloudy days, although they produce less energy compared to sunny days. At night, your home will seamlessly rely on the regular power grid, or any power saved in your battery, if you have one. In fact, there will be times when your home uses sunlight and when it uses the regular power grid, but you will not sense a difference.

