

Whether solar panels generate excess electricity





Overview

What is excess solar energy?

Excess solar energy is all the electricity produced by your solar panels that you don't consume at that moment. So, if your solar panels generate a large amount of electricity between noon and 4 pm, when your only energy use is a fridge, everything not used by the fridge is excess solar energy.

Are You generating too much solar energy?

As you might be thinking, excess solar energy is incredibly common. If your system is designed to supply a large fraction of your house's power, you're likely producing excess energy during the sunniest parts of the day.

Why do solar panels draw from the grid?

If your system is designed to supply a large fraction of your house's power, you're likely producing excess energy during the sunniest parts of the day. Not producing enough energy is even more predictable—solar panels can't help much if you use any energy at night, so you end up drawing from the grid.

Can excess solar energy reduce your energy bills?

More energy can mean more savings if you manage it right. Here's how excess solar production can dramatically reduce your energy bills and accelerate your return on investment. The biggest benefit of excess solar energy is its positive impact on your utility bills.



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