# How do my solar panels work?

Solar energy is energy from the sun in the form of heat and light. You need solar panels and a transformer in order to generate solar energy. That's how you can generate power in a cheap and environmentally-friendly way. Whether you live in a terraced home or a block of flats, you can have solar panels in both cases.



## What do I need to know about my solar panels?

826 kWH

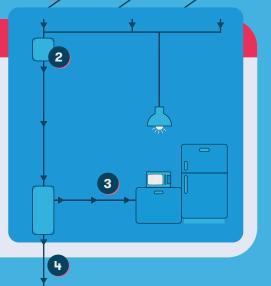


#### Are my solar panels working?

Check that the solar panels are still working at least once a month. To find out whether your solar panels and transformer are connected, you can check the transformer's screen to see whether any power is being generated. In some cases, you can also use an app on your phone that keeps track of all the details.

#### Hoe werken mijn zonnepanelen?

- 1 A solar panel consists of cells that take in sunlight and convert it into electricity.
- 2 The transformer underneath your panels converts the current generated by the solar panels into usable power.
- 3 The power is used in your home for your appliances and lighting.
- Solar power that isn't needed or won't be used immediately is returned to the energy company.





How do I check how much energy my solar panels are generating?

You can check on the kilowatt-hour meter in the meter cupboard whether the power from the solar panels is being recorded.

## How do I register my solar panels with the energy supplier?

You need to register the solar panels with your energy supplier yourself. Tell them how many solar panels you have and what the expected output will be. The supplier might also ask what type of transformer you have.

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#### What do my solar panels cost?

Generating solar energy will reduce your electricity bill. Nijestee will pay for the solar panels to be installed and charge this back by increasing your rent. Our approach point is that you have to pay less for energy. This does depend on how your energy supplier handles supplying electricity back to the grid. This used to be free. But more and more energy suppliers are charging money for this.

## Who do I call if the solar panels break down?

We will be happy to help you. Get in touch with Energiewacht:

(088) 555 30 00