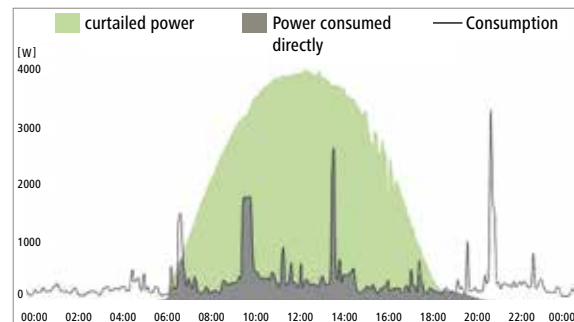


INCREASED SELF-SUFFICIENCY WITH THE FRONIUS OHMPILOT

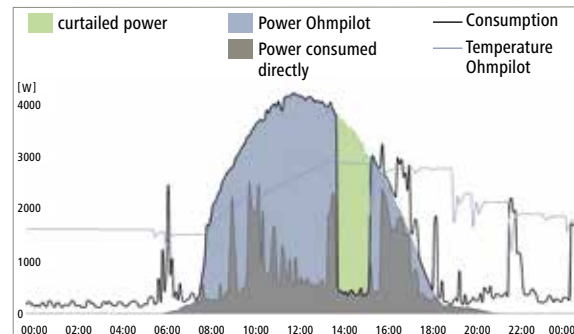
A sunny day: ☀️

Before the Fronius Ohmpilot is installed



The PV system supplies power to the electrical loads in the property while the surplus energy has to be curtailed due to the zero feed-in limitation.

After the Fronius Ohmpilot is installed



The surplus power is not curtailed. Instead, it is used by the water heating system to increase the water temperature to a pre-set temperature.

Self-consumption can be increased to over **60%**, even on a sunny day.



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/ Perfect Welding / Solar Energy / Perfect Charging



LET THE SUNSHINE
INTO YOUR BATHROOM.

Use solar energy even more efficiently
with the Fronius Ohmpilot.



HEAT WATER THE INTELLIGENT WAY

Use your solar energy even more efficiently by heating water with the Fronius Ohmpilot. Surplus solar energy is converted into heat, increasing self-sufficiency in the process.

As soon as your photovoltaic system is producing more solar energy than you are using in your home, the Fronius Ohmpilot will transfer the available surplus to a heating element, towel rail or any other ohmic consumer of your choice. When your water is heated with solar energy, your heating no longer needs to be started up during the sunny months. This extends the service life of your heating system.

Thanks to the continuously adjustable regulation from 0 to 9 kW, up to **100 %** of the solar power generated by the PV system can be used in the property.



YOUR ADVANTAGES AT A GLANCE

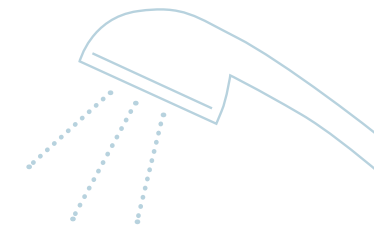
- / Lower your overall energy costs
- / Increase self-sufficiency
- / Reduce CO₂ emissions
- / Store surplus PV power without using a battery



The majority of a household's hot water consumption (Ø) can be covered by solar power
10+ months*

*depends on the climatic conditions in your country

HOT WATER AS A STORAGE MEDIUM



- / An average four-person household with a 300-litre hot water boiler
- / 5 kWp PV system with a Fronius Ohmpilot

The surplus energy obtained in an average day can be used for:

| | PV SURPLUS | WATER HEATING |
|--------------------|------------|--------------------|
| Overcast ☁ | 5 kWh | 150 litres to 40°C |
| Slightly cloudy ☁☀ | 10 kWh | 170 litres to 60°C |
| Sunny ☀ | 17 kWh | 300 litres to 60°C |

On average, **50 litres** of hot water are required for a **single** shower.

