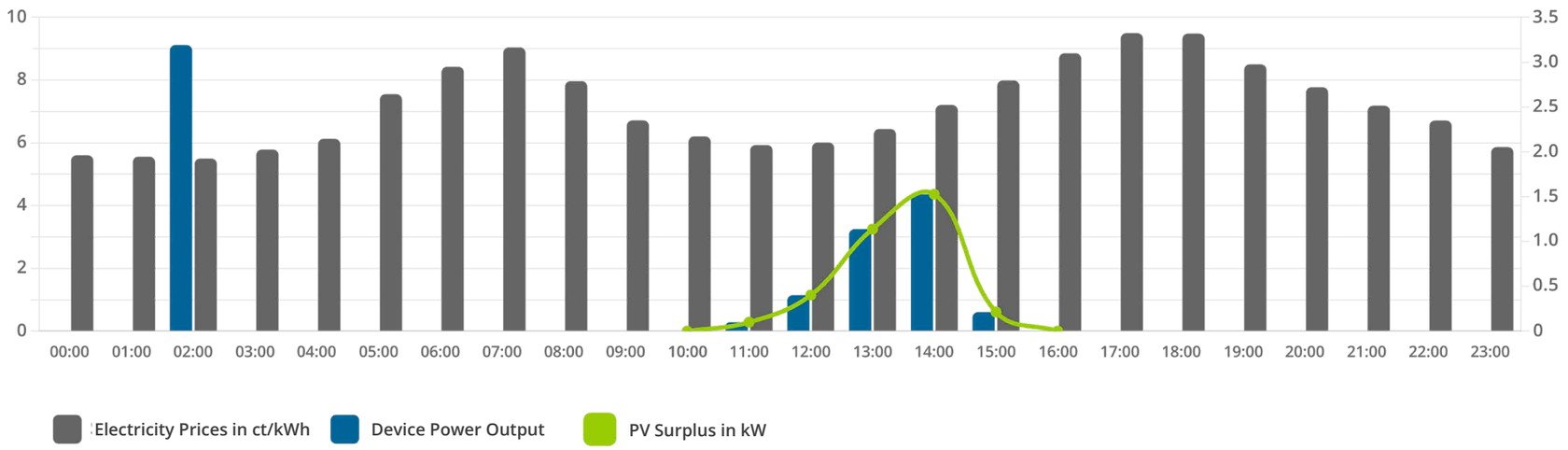
Achieving savings with dynamic electricity tariffs



The graphic illustrates the interaction between electricity market prices, PV surplus, and the performance of the my-PV device. With the my-PV DTO, this interaction operates seamlessly and fully automatically. The my-PV device uses either the renewable, low-cost electricity from the grid or surplus energy from the PV system for heating, provided a PV system is installed.

Try the simulation on our website and calculate your savings with the my-PV DTO!

Your benefits with the my-PV DTO

- Maximum comfort through fully automatic control of heat generation with the my-PV Cloud
- Heat generation always at the most economical times
- Easy setup through the my-PV Cloud
- Access all operational data anytime via the my-PV Cloud
- Savings of up to 35%
- Electricity tariffs available in 22 countries
- With a PV system: Affordable and renewable energy even during low-sun periods
- Without a PV system: Benefit from low-cost and renewable energy

MYPV
Empowering the Solar Future

my-PV DTO

Using dynamic electricity tariffs for heating

NEW:
HEA•THOR IoT

my-PV DTO: Dynamic Tariff Optimizer

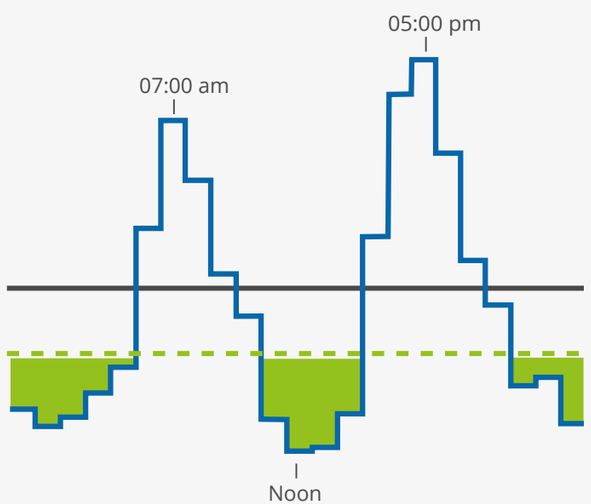
What is the my-PV DTO?

The my-PV DTO allows users with dynamic electricity tariffs to optimize the use of renewable and cost-effective energy. It specifically optimizes water and space heating by aligning consumption with the most economical tariff periods.

How does the my-PV DTO work?

The my-PV DTO analyzes user behaviour and technical parameters such as storage volume and temperature. Based on the current market electricity prices, it identifies the optimal time to supply heat.

For users, this means maximum comfort: There is no need to constantly monitor electricity prices. The my-PV DTO automatically manages heat generation, ensuring it always operates during the lowest-cost time slots.



The my-PV DTO activates the heating element in the boiler exactly when electricity prices are at their lowest!

Exchange Price

Fixed price

my-PV DTO

my-PV DTO in Two Variants

1 my-PV DTO with a PV System
Utilizing renewable energy even during low-sun periods

If you have a photovoltaic system, the my-PV DTO enables you to use affordable electricity from the grid for heating, even during bad weather or at night when your PV system isn't producing enough power.

In combination with a PV system, the my-PV DTO forecasts the next day's PV yield based on weather data.

Using this information, it determines whether electricity needs to be drawn from the grid or if the PV surplus is sufficient for heat generation.

Good to know:

- The my-PV DTO is activated in the my-PV Cloud
- Use low-cost electricity for heating even during low-sun periods
- Compatible with all IoT-enabled my-PV devices: **AC ELWA 2, AC•THOR, AC•THOR 9s,** and **SOL•THOR**

2 my-PV DTO without a PV System
In combination with HEA • THOR IoT

Even households without a PV system can benefit from affordable, renewable energy with the my-PV DTO – when used together with HEA•THOR IoT.

Good to know:

- Works only with HEA•THOR IoT, our network-enabled heating element
- Available in 3.5 kW and 9 kW variants
- Communicates with the my-PV DTO via LAN/WiFi
- Easy installation thanks to sector separation
- Quick commissioning through the my-PV Cloud
- Integrated temperature display
- Operational data accessible anytime in the my-PV Cloud