

# And suddenly our household is independent of the power grid!

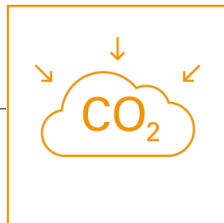
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One of the main argument for modern own-consumption optimisation: is regular and tangible communication with your customers!

There are many good arguments for optimising own-consumption. In addition to cost optimisation and CO<sub>2</sub> reduction, you make an active contribution to relieving the strain on the grids and better integrating renewables.

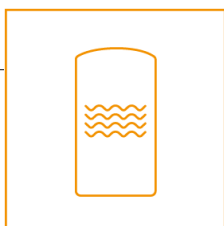
If designed appropriately, such a system also serves as a backup power supply in the event of a „blackout“ and creates security.

But the most important thing: you communicate regularly with your customers and become „tangible“!



In own-consumption optimisation, consumption peaks are timed so that as much of one's own electricity as possible is consumed.

Thermal storage systems in particular show a favourable utilisation behaviour.



Own-consumption optimisation adjusts consumption to the generation situation (PV) as well as energy prices and grid tariffs.

Controllable consumers such as heat pumps, boilers, batteries and e-vehicles are switched on and off without any loss of comfort. The entire energy household on one platform.



The visualisation of the energy flows employing an appealing user APP ensures that the end customer is sensitised to the topic, adjusts his user behaviour accordingly and establishes a communication channel with his energy service provider.

