MY SMART SOCKET / MOJE CHYTRÁ ZÁSUVKA

Moje chytrá zásuvka

Smart management of electricity consumption in households with regard to the integration of renewable electricity sources.

My Smart Socket allows households without their own PV to consume large amounts of electricity at times when it is cheapest on the energy market. This saves customers' wallets while hundreds of thousands of households optimised in this way can make a significant contribution to smoothing out fluctuations in the grid. Today, this role is played by coal or gas-fired power plants or artificially built electricity meters. Yet only boilers in Czech households offer the same grid balancing capacity as the entire Temelín nuclear power plant.

Unique selling points:

- Plug&play solution, fully automated.
- The initial cost of connecting one household starts from CZK 490.
- Possibility to control non-IoT devices (conventional boilers, boilers, direct-fired boilers, heat pumps).
- Aimed at households without their own photovoltaics.

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Product

AI cloud service using smart hardware

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation