CLEAR INSIGHTS INTO PRODUCTION AND CONSUMPTION THANKS TO INTELLIGENT SOFTWARE

Petrol station operator enjoys a dramatic drop in energy costs with a smart solar system

La Madrid, Argentina: A PV system at a petrol station may seem something of a paradox at first. For Grupo Herrera, however, they saw no conflict of interest in using renewable energy in the sale of fossil fuels. Since it was commissioned, the 22-kWp PV system has generated enough power to cover 55% of the petrol station's energy needs.

Alexis Custodio from Decu/3 installed a Fronius Smart Meter in order to monitor the PV system's yield and consumption figures as accurately as possible. In combination with the Fronius Solar.web online portal, the power consumption data could be clearly presented, allowing optimisation of the energy management flows.

The ability to ensure zero feed-in was also important. With dynamic power reduction, Fronius offers a solution to establish the perfect feed-in management system. As zero feed-in is already a requirement in several Argentinian provinces, there was only one inverter that could satisfy Grupo Herrera's needs. The Fronius SnapINverters have everything in hand.

OUR SOLUTION:
/ The Fronius Smart Meter ensures optimum management of energy flows
/ The Fronius Solar.web online portal presents the energy flows in a clearly understandable format
/ Zero feed-in available

SYSTEM DATA	LA MADRID, ARGENTINA
Size of installation	21.9 kWp
System type	Field installation
Solution	2 Fronius Symo 20.0-3 inverter with Fronius Smart Meter
Annual yield	59.5 MWh
CO_2 savings / year	31.5 t
Special feature	Zero feed-in available

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