

OPTIMIZING AN INDUSTRIAL SITE'S ENERGY SUPPLY

OUR SOLUTION FOR SAFE RENEWABLE ENERGY AT THE BEST PRICE



Energy accounts for a large proportion of many industrial sites' production costs, so smart energy management and storage installation can significantly reduce energy bills.

The benefits are multiple: they minimize electricity bills by limiting the fixed power charge and optimizing tariffs; provide new flexibility for power drawn from the grid, making it possible to provide new services to the electricity system and tap into new revenue streams; and, thanks to the availability of an additional local power source, they guarantee an electricity supply so that operations can continue in the event of a power cut.

In addition, when teamed with the rollout of renewable energy, storage management enables you to maximize self-consumption of renewables.

SMARTER PRODUCTION AT ALL TIMES

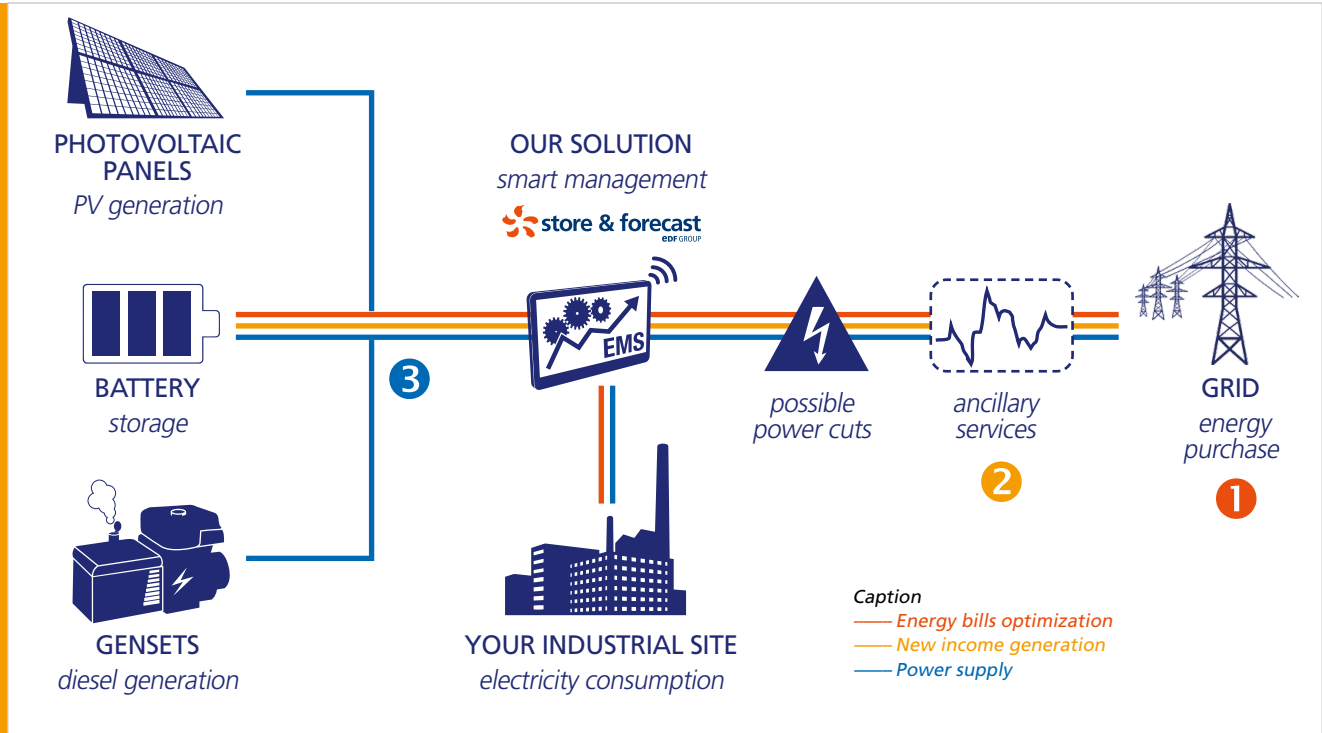
Our energy management software autonomously manages the site's flexibility of use, optimal generation of renewable energy and employment of storage facilities, 24 hours a day, 7 days a week.

- Optimizes energy bills
- Generates new income
- Ensures that operations can continue in the event of a power cut
- Maximizes self-consumption of renewables

Software features

- Consumption forecasting
- Peak shaving
- Tariff optimization
- Load management
- Ancillary services
- Emergency supply
- Renewable energy forecasting
- Management of the intermittence of renewable energy generation
- Optimization of genset efficiency

HOW INDUSTRIAL SITES ARE MANAGED



Smart management teamed with a battery improves your industrial site's energy management by:

1 optimizing energy bills, by constantly limiting the power that is drawn and moving the amount of power extracted from the grid to periods when tariffs are cheapest.

2 generating new income by providing the electricity system with new services (such as primary and secondary reserves) thanks to management of the storage method

3 supplying energy by linking local renewable generation to consumption as much as possible, optimizing the output of gensets, and ensuring an emergency supply in the event of a power cut.

CREDENTIALS

AIRPORT ENERGY MANAGEMENT



Generation: Gensets (15.7 MW)
Photovoltaic (2 MWp)

Location: France, PACA

Status: Study delivered in 2018 / 2019

DES GERMANY



Sites: Rostock / Heidenau

Storage: Li-Ion battery (200 kW–313 kWh) / per site

Location: Germany (North / South)

Commissioning: December 2019

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