

Joskin, Belgium

1.8 MWp - 3.2 MWh



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A real solution for storing and managing green electricity

The Project

John Cockerill has equipped the buildings of Establishments Joskin (Belgium) with an integrated energy system comprising photovoltaic panels, storage batteries, charging stations for electric vehicles, as well as intelligent management and control of the whole system through its Energy Management System.

For this first project in Wallonia, John Cockerill's teams have carried out a detailed study and installed 4200 photovoltaic panels, stationary storage batteries, and charging stations for electric vehicles. The entire installation is managed and controlled by an expert system, called Energy Management System (EMS), a smart management system entirely designed by John Cockerill's engineers in Seraing (Belgium).

Benefits of this solution

This energy system enables the Joskin Establishments to consume their own electricity production and participate in the services to the electricity network for ELIA, i.e. that Joskin is able to bring stability and balance to the electricity network according to the supply and demand of electricity. Finally, the electricity produced by our customer can be redistributed to the grid in case of surplus production.

These green energy production, storage and recovery solutions developed by John Cockerill allow to combine the various use cases required by the operation of an industrial site, to erase the intermittence of production linked to renewable energies, increase your revenues by adding services to the network, and finally reduce your energy bill by decarbonizing activities.

Photovoltaics

4200 panels

Storage

3 containers batteries (1.8 MW/3.2MWh)
12 AC charging stations (22kW)
1 DC charging station (120kW)

Annual PV Productability

1615 MWh/year

Schedule

- Contract Award January 2023
- Beginning of installation on site May 2023
- First PV injection & chargers in operation August 2023
- Batteries Commissioning November 2023
- Provisional Acceptance Certificate February 2024



Didier Joskin, Managing Director of Ets JOSKIN: « John Cockerill proposed a real solution for storing and managing our green electricity. These installations are a real added value for JOSKIN: they do not only allow us to increase our energy self-sufficiency but also help the grid operator to meet the present and future challenges of increasing renewable energy production. The MIRiS pilot site has been a real asset in convincing us of the maturity of such a project. We are looking forward to putting the first three Joskin Eco Power Stations into operation as soon as possible and to further contributing to the necessary energy transition.»

