

WDP, Belgium

1.5 MW_p - 1.38 MWh



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An energy system to decarbonize VPD's last-mile distribution site

The Project

WDP chose John Cockerill to decarbonize VPD Transports & Logistics's last-mile distribution site in Zellik (Belgium) and transform it into a green energy and mobility hub.

John Cockerill equipped this site with over 3,000 PV panels, an energy storage battery also used for grid services to generate extra revenues, 20 charging stations for e-trucks, vans and individual cars (also for public access).

The whole system is managed by our Energy Management System (EMS), developed by our engineers. It enables an optimization of the entire installation and enables to make judicious choices in terms of energy management.

Benefits of this solution

The energy solution provided by John Cockerill makes the WDP site more self-sufficient and allows green and competitive mobility to VPD's last-mile logistics specialist. This project perfectly meets the current challenges of our times in the energy transition context.

Photovoltaics

3360 panels

Storage

1 battery 800kW/1.38 MWh
10 AC charging stations (11kW)
10 DC charging station (150kW, 60kW)

Annual PV Productability

1324 MWh/year

Schedule

- Contract Award August 2022
- Beginning of the installation December 2022
- 6 DC chargers in operation April 2023
- Injection Photovoltaics June 2023
- Provisional Acceptance Certificate September 2023



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