



Noor Midelt Phase 1

Kingdom of Morocco

In 2019, the Moroccan Agency for Sustainable Energy (MASEN) announced that the consortium of EDF Renewables, Masdar, and Green of Africa had been awarded the tender for the design, financing, construction, operation and maintenance of the Noor Midelt Phase 1 multi-technologies solar power plant.

The project, which will have a total installed capacity of 800 megawatts (MW), is the world's first advanced hybridisation of concentrated solar power (CSP) and photovoltaic (PV) technologies.

On completion, it will provide dispatchable solar energy during the day and until five hours after sunset for a record-low tariff at peak hours of 0.68 Moroccan dirhams per kilowatt-hour.

Construction of the Noor Midelt Phase 1 plant, located 20km north of the town of Midelt in central Morocco, is expected to start towards the end of 2019, while delivery of the first electricity to the grid is planned from 2022.

Noor Midelt Phase 1 is the third project that EDF Renewables and Masdar will be working on together. EDF Renewables is a partner in Shua'a Energy 2, the joint venture led by Dubai Electricity Water Authority (DEWA) developing the 800MW third phase of the Mohammed bin Rashid Al Maktoum Solar Park in Dubai.

QUICK FACTS

- The world's first advanced hybridisation of CSP and PV technologies
- 800MW total installed capacity
- Located 20km north of Midelt in central Morocco
- Will displace 350,000 tonnes of CO2 annually
- Will power over 215,000 homes

The two companies are also partnering in the Dumat Al Jandal wind farm, which, at 400MW, will be Saudi Arabia's first and the MENA region's largest wind energy project.