



Dumat Al Jandal Wind Farm

Al Jouf region, Saudi Arabia

In 2019, a consortium of Masdar and EDF Renewables announced that it had won the tender for the Dumat Al Jandal wind farm in Saudi Arabia. With an installed capacity of 400 megawatts (MW), it is Saudi Arabia's first wind farm and the largest in the Middle East.

With grid connection and electricity production achieved in 2019, the project is able to displace approximately 1 million tonnes of carbon dioxide annually.

The wind farm will benefit from a 20-year power purchase agreement (PPA) with the Saudi Power Procurement Company, a subsidiary of SEC (Saudi Electricity Company), the Saudi power generation and distribution company.

Vestas is the contracted wind-turbine technology provider and responsible for the engineering, procurement and construction (EPC) contract. TSK will be responsible for the balance of plant (BOP).

The wind farm is located 900 kilometers north of Riyadh, in the Al Jouf region of north-western Saudi Arabia. The project is 51 percent owned by EDF Renewables and 49 percent owned by Masdar.

QUICK FACTS

- 400 MW capacity wind farm
- Will be the largest wind farm in the Middle East
- Grid connection and electricity production began in 2019
- Will displace approximately 1,000,000 tonnes of CO2 per year