

SolarTech Power Solutions

Oman Communication Base Station Wind Turbine Room



Overview

How many mw can a wind turbine produce in Oman?

Mawarid Turbine Company has teamed up with state-owned energy company OQ to launch the first phase of a wind turbine factory in Oman with an annual production capacity of up to 1,000 MW. Image source: Oman's Ministry of Energy and Minerals.

Where is the first wind turbine factory in the Middle East?

Recently, the first wind turbine manufacturing factory in the Middle East was officially established in the Special Economic Zone at Duqm (SEZAD), Oman. This modern factory, led by Mawarid Turbine Company, will become the core engine driving the transformation of Oman's energy structure. The project plan demonstrates strong development momentum.

How many jobs will Oman's new wind power plant create?

The project will create around 1,080 jobs. Engineer Salem Alaufi, Minister of Energy and Minerals and patron of the launch event, said that the factory will focus on infrastructure related to the development of wind energy production in the Sultanate of Oman, with a production capacity of 1,000 megawatts per year.

When will Oman's first wind farm start production?

We hope the first phase of the factory will begin production by the end of next year," said energy minister Salim Al Afi. The project is part of Oman Vision 2040's plan to develop renewable energy and enhance national capabilities. Oman's first utility-scale wind farm, the 50 MW Dhofar I, began operations in 2019.

How much money is needed to build a new Oman power plant?

This modern factory, led by Mawarid Turbine Company, will become the core engine driving the transformation of Oman's energy structure. The project

plan demonstrates strong development momentum. The investment in the first phase exceeds \$200 million.

How will GE's Dhofar project benefit Oman?

The turbines represent the latest development in GE's wind turbine platform, increasing both annual energy production and flexibility in operation. The electricity generated by the Dhofar project will support Oman's increasing energy demand and economic growth.

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