


Power plant profile: Copperton Wind Farm, South Africa

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Wind - Onshore

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Copperton Wind Farm is a 107.1MW onshore wind power project. It is planned in Northern Cape, South Africa. **According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the under construction stage. It will be developed in a single phase. The project construction is likely to commence in 2018 and is expected to enter into commercial operation in 2023. [Buy the profile here.](#)**

Project details

Project Type	Onshore
Total Capacity (MW)	107.1
Active Capacity (MW)	-
Pipeline Capacity (MW)	107.1
Project Status	Under Construction
Project Location	Northern Cape, South Africa
Project Developer	VELD Renewables

Source: GlobalData Power Intelligence Center

Description

The project is being developed by VELD Renewables. Elawan Energy, PLAN 8 and Pele Green Energy are currently owning the project having ownership stake of 35%, 35% and 30% respectively.

The project is expected to generate 375,000MWh electricity and supply enough clean energy to power 110,000 households. The project is expected to offset 38,000t of carbon dioxide emissions (CO₂) a year.

Development status

The project construction is expected to commence from 2018. Subsequent to that it will enter into commercial operation by 2023.

Power purchase agreement

The power generated from the project will be sold to [Eskom Holdings SOC](#) under a power purchase agreement. The power will be sold at the rate of \$0.055kWh for a period of 20 years. The capacity to be procured is 107.1MW.

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Contractors involved

[Nordex](#) will be the turbine supplier for the wind power project. The company is expected to provide 34 units of AW125/3150 turbines, each with 3.15MW nameplate capacity.

[Nordex](#) and Pele Green Energy are expected to be contracted for rendering of operations & maintenance services for the project.

The wind power project will consist of Concrete towers to be supplied [Nordex](#). These towers will be around 100m high.

For more details on Copperton Wind Farm, [buy the profile here](#).

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[GlobalData](#), the leading provider of industry intelligence, provided the underlying research used to produce this article.

This information is drawn from [GlobalData's Power Intelligence Center](#), which provides detailed profiles of over 170,000 active, planned and under construction power plants worldwide from announcement through to operation across all technologies and countries worldwide.
