


Power Technology

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Power plant profile: Roggeveld Wind Farm, South Africa

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Wind - Onshore

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Roggeveld Wind Farm is a 700MW onshore wind power project. It is planned in Western Cape, South Africa. **According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently at the partially active stage. It will be developed in multiple phases. The project construction is likely to commence in 2019 and is expected to enter into commercial operation in February 2022. [Buy the profile here.](#)**

Project details

Project Type	Onshore
Total Capacity (MW)	700
Active Capacity (MW)	147
Pipeline Capacity (MW)	553
Project Status	Partially Active
Project Location	Western Cape, South Africa
Project Developer	Building Energy; G7 renewable energies; Karreebosch Wind Farm

Source: GlobalData Power Intelligence Center

Description

The project is being developed by Building Energy, G7 renewable energies and Karreebosch Wind Farm. G7 renewable energies, Karreebosch Wind Farm and Red Rocket South Africa are currently owning the project.

Roggeveld Wind Farm (Roggeveld II) consists of 65 turbines.

The Concrete structure to be installed at the Roggeveld Wind Farm (Roggeveld IA), site are expected to be 100m high.

The Concrete structure to be installed at the Roggeveld Wind Farm (Roggeveld IB), site are expected to be 100m high.

The Roggeveld Wind Farm (Roggeveld II), will have 125m high towers.

Development status

The project construction is expected to commence from 2019. Subsequent to that it will enter into commercial operation by February 2022.

Power purchase agreement

The power generated from the Roggeveld Wind Farm (Roggeveld IA) will be sold to [Eskom Holdings SOC](#) under a power purchase agreement for a period of 20 years.

The power generated from the Roggeveld Wind Farm (Roggeveld IB) will be sold to [Eskom Holdings SOC](#) under a power purchase agreement for a period of 20 years.

See Also:

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Contractors involved

Nordex Energy South Africa RF is expected to render engineering procurement construction services for the Roggeveld Wind Farm (Roggeveld IA) project.

Nordex Energy South Africa RF is expected to render engineering procurement construction services for the Roggeveld Wind Farm (Roggeveld IB) project.

Roggeveld Wind Farm (Roggeveld IA) will be equipped with Nordex AW125/3150 turbines. The phase consists of 40 turbines with 3.15MW nameplate capacity.

Roggeveld Wind Farm (Roggeveld IB) will be equipped with Nordex AW-125/3000 turbines. The phase consists of 7 turbines with 3MW nameplate capacity.

Nordex is expected to perform operations and maintenance for the Roggeveld Wind Farm (Roggeveld IA) for a period of 15 years.

Nordex is expected to perform operations and maintenance for the Roggeveld Wind Farm (Roggeveld IB) for a period of 15 years.

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

About Building Energy

Building Energy SpA (Building Energy) is a renewable energy company that operates and develops renewable energy projects such as biomass, hydro,

wind and solar projects. The company provides operation and maintenance services such as real-time performance monitoring, performance guarantee, preventive and corrective maintenance, and spare parts management. It offers asset management services including finance and administration, operational supervision, technical analysis and reporting, and contract management. Building Energy also provides security system maintenance, commissioning, energy rebuying, and due diligence, among others. The company owns and operates power plants in Africa, the Americas and Europe. It has operations in Italy, Serbia, the US, the UK, Chile and South Africa. Building Energy is headquartered in Milan, Italy.

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