

Market Data

TWE Golden Valley Wind Power Project, South Africa

December 10, 2021

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TWE Golden Valley Wind Power Project is a 120MW onshore wind power project. It is located in Eastern Cape, South Africa. The project is currently active. It has been developed in single phase. The project construction commenced in 2018 and subsequently entered into commercial operation in May 2021.

Project Type	Total Capacity (MW)	Active Capacity (MW)	Pipeline Capacity (MW)	Project Status	Project Location	Project Developer
Onshore	120	120	-	Active	Eastern Cape, South Africa	BioTherm Energy

Description

The project is developed and owned by BioTherm Energy. The company has a stake of 60%.

The project generates 477GWh of electricity. The project cost is \$220.332m.

The project has 100m high towers.


Development Status


The project is currently active. The project construction commenced in 2018 and subsequently entered into commercial operation in May 2021.

Power Purchase Agreement

The power generated from the project is sold to [Eskom Holdings SOC](#) under a power purchase agreement for a period of 20 years, starting from 2021.

See Also:

[EnBW Energie Baden-Wurttemberg gets grant for method for unblocking geological deep wells using carboxylic acids](#) · 

[CECO Environmental gets grant for water treatment using ferrate-based redox process and filtration](#) · 

Contractors Involved

Xinjiang Goldwind Science & Technology was selected to render EPC services for the wind power project.

Xinjiang Goldwind Science & Technology was selected as the turbine supplier for the wind power project. The company provided 48 units of GW 2.5/121 turbines, each with 2.5MW nameplate capacity.

About BioTherm Energy

BioTherm Energy (Pty) Ltd (BioTherm) is a renewable energy company that generates electric power from wind and solar projects. It offers various stages of development maturity across wind and solar resources. It offers services such as investments and monetization of carbon credits. BioTherm's projects include Aries solar photovoltaic, Klipheuwel wind, Konkoonsies solar photovoltaic, Dassiesklip wind energy facility and PetroSA biogas. The company's projects are located in Northern Cape Province and Western Cape Province. It also operates and maintains a MethCap plant that generates electricity from biogas waste. The company works with governments, local partners and industry associations. BioTherm is headquartered in Fourways, South Africa.

Methodology

All power projects included in this report are drawn from GlobalData's Power Intelligence Center. The information regarding the project parameters is sourced through secondary information sources such as electric utilities, equipment manufacturers, developers, project proponent's – news, deals and financial reporting, regulatory body, associations, government planning reports and publications. Wherever needed the information is further validated through primary from various stakeholders across the power value chain and professionals from leading players within the power sector.

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