


# Power plant profile: Kangnas Wind Farm, South Africa

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Wind - Onshore

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**K**angnas Wind Farm is a 140.3MW onshore wind power project. It is located in Northern Cape, South Africa. **According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the project is currently active. It has been developed in a single phase. The project construction commenced in 2018 and subsequently entered into commercial operation in November 2020. [Buy the profile here.](#)**

## Project details

Project Type	Onshore
Total Capacity (MW)	140.3
Active Capacity (MW)	140.3
Pipeline Capacity (MW)	-
Project Status	Active
Project Location	Northern Cape, South Africa
Project Developer	H1 Holdings; Lekela Power

Source: GlobalData Power Intelligence Center

## **Description**

The project was developed by H1 Holdings and Lekela Power. The project is currently owned by African Infrastructure Investment Managers with a stake of 20%, H1 Holdings and Lekela Power.

The project generates 513GWh electricity and supplies enough clean energy to power 154,625 households, offsetting 550,000t of carbon dioxide emissions (CO<sub>2</sub>) a year.

## **Development status**

The project is currently active. The project construction commenced in 2018 and subsequently entered into commercial operation in November 2020.

## **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. The contracted capacity is 140.3MW.

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## **Contractors involved**

Siemens Gamesa Renewable Energy was selected as the turbine supplier for the wind power project. The company provided 61 units of SWT-2.3-108 turbines, each with 2.3MW nameplate capacity.

Siemens Gamesa Renewable Energy Invest is the O&M contractor for the wind power project for a period of

10 years.

The wind power project consists of Tubular Steel towers supplied by GRI Towers South Africa. These towers are around 115m high.

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

### **About H1 Holdings**

H1 Holdings Pty Ltd (H1 Holdings) is a clean energy company which focuses to improve the quality of life by producing cleaner energy. The company is headquartered in Cape Town, Western Cape, South Africa.

### **About Lekela Power**

Lekela Power BV (Lekela), a subsidiary of Infinity Group International Ltd., operates as a renewable power generation company. The company constructs, develops, owns, and operates wind and solar assets. It provides services such as project development, project management, repair and maintenance, and operation and maintenance of wind and solar plants. Lekela project portfolio includes Noupoot, Loeriesfontein 2, Khobab, Parc Eolien Taiba N'Diaye, Ayitepa, and others. It serves government, utilities and large-scale industrial projects. governments, utilities, and large-scale industrial projects. It operates wind and solar projects in Egypt, Ghana, South Africa, and Senegal. Lekela is headquartered in Amsterdam, Aruba, the Netherlands.

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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.

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