

Power Technology

Market Data December 17, 2021

Tom Burke Solar PV Park, South Africa

Carmen



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Tom Burke Solar PV Park is a 66MW solar PV power project. It is located in Limpopo, South Africa. The project is currently active. It has been developed in single phase. Post completion of construction, the project got commissioned in August 2016.

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South Africa**

Project Type	Total Capacity (MW)	Active Capacity (MW)	Pipeline Capacity (MW)	Project Status	Project Location	Project Developer
Solar PV	66	66	-	Active	Limpopo, South Africa	Enel

Description

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

Tom Burke Solar PV Park is a ground-mounted solar project which is spread over an area of 148 hectares.



The project generates 122GWh electricity and supplies enough clean energy to power 38,000 households, offsetting 111,000t of carbon dioxide emissions (CO₂) a year. The project cost is \$122.1m.

Development Status

The project got commissioned in August 2016.

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 66MW.

Contractors Involved


algoWatt and [Pele Green Energy](#) were selected to render EPC services for the solar PV power project.

3Sun was selected as the supplier of the PV modules for the project. The company installed 500,000 modules at the site.

The inverters were procured from [Elettronica Santerno](#) for the project.

algoWatt and Pele Green Energy were contracted to render operations & maintenance services for the project.

About Enel

Enel SpA (Enel) is an integrated electricity and gas company. It produces, transports and distributes electricity, and sells and trades electric energy and natural gas, green certificates, and CO₂ emission rights. The company generates power using hydro, wind, nuclear, geothermal, solar, thermoelectric, and other renewable sources at its coal-fired, fuel-oil and turbo-gas plants, combined-cycle plants, and nuclear plants. Enel delivers energy in regulated and free markets, and to end users. It also provides advanced energy services and operates in the electric mobility sector. The company has operational presence in Europe, North America, Latin America, Africa, Asia and Oceania. Enel is headquartered in  , Lazio, Italy.

Solar PV in South Africa, Market Outlook to 2025 - Capacity, Generation, Levelized Cost of Energy (LCOE), Investment Trends, Regulations and Company Profiles

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Companies Intelligence

Elettronica Santerno SpA

Pele Green Energy

Eskom Holdings SOC Ltd

Enel SpA

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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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