



DEVELOPED BY:

Mainstream Renewable Power and Lekela Power

CONSTRUCTION MANAGED BY:

Siemens Gamesa

TECHNOLOGY SUPPLIER:

Siemens Gamesa

OWNED BY:

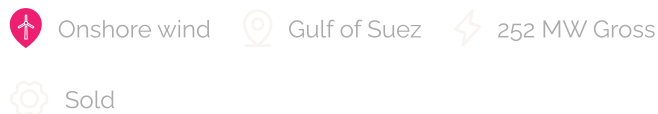
Lekela Power consortium

COMMERCIAL OPERATION DATE:

Q3, 2021

The West Bakr Wind Farm at 252 MW is the largest operational wind farm in the Lekela Power portfolio. It started construction in late 2020 and reached commercial operation in 2021.

The wind farm is part of the Egyptian Government's Build, Own, Operate (BOO) framework and takes advantage of a world class wind resource in the Gulf of Suez.



Powering 350,000 Egyptian homes each year

The benefits of the wind farm include providing socio-economic activities in the surrounding area, employment – during peak construction it employed up to 550 people and, it provides more competitively priced power in the country.

Taking advantage of the excellent wind resource in the Gulf of Suez, the wind farm will increase Egypt's wind energy capacity by 18% and will be a key pillar of Egypt's renewable energy ambitions.

The wind farm was built by wind turbine manufacturer, Siemens Gamesa and construction lasted for almost 2 years. The electricity is sold to the Egyptian Electricity Transmission Company (EETC) under a 20-year power purchase agreement.

The project generates 1,000 GWh electricity, supplies enough clean energy to power 350,000 homes and offsets 550,000 tonnes of carbon dioxide emissions annually.

BY THE NUMBERS

1,000 **550,000** ~~to~~ **250,000**

gwh

power
generated
each year

avoided each year

local homes powered
each year

EMMET CURLEY
Head of
Communications and
Positioning

+353 (0)86 2411 690

emmet.curley@mainstreamrp.com

[Back to
Map](#)

AFRICA

South Africa

APAC

Australia

Philippines

Singapore

South Korea

Vietnam

EUROPE

Ireland

Norway

Sweden

United
Kingdom

LATAM

Chile

Colombia

OFFSHORE

Ireland

Norway

South Korea

Sweden

United

Kingdom

Vietnam

Quick links

- [Contact us](#)
- [Our vision, mission and values](#)
- [Careers](#)
- [Investors](#)
- [Sustainability](#)
- [Media](#)

Essentials

- [Affiliate websites](#)
- [Sustainability Policy](#)
- [Modern Slavery Act Statement](#)
- [Mainstream Speak Up Line](#)
- [SBTi commitment letter](#)
- [Privacy Policy](#)
- [Contact us](#)

Newsletter

Sign up for the latest news and updates straight to your inbox.

[Sign up now](#)

© Copyright Mainstream Renewable Power 2024. All Rights Reserved.

Web design by TWK