

South Africa Wind Energy Market - Growth, Trends, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 95 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The wind energy market in South Africa is expected to grow at a CAGR of more than 3% during the forecast period.

COVID-19 negatively impacted the market in 2020. Currently, the market has reached pre-pandemic levels.

Key Highlights

Over the long term, increasing population, energy crisis, rising power demand, and auctioned wind energy projects will be the market's key drivers in the forecast period. With auctions for multiple projects and ambitious goals to achieve in the future, South Africa is investing significantly in the growth of wind energy.

On the other hand, the high initial cost of wind energy installation, the development of new grid networks, and delays in new projects are expected to restrain the market.

Nevertheless, Government Initiatives, favorable policies, and upcoming projects are likely to provide opportunities for the wind energy market during the forecast period.

South Africa Wind Energy Market Trends

Onshore Segment is Likely to Dominate the Market

Onshore wind energy in South Africa will dominate the market during the forecast period. In 2021 the country's total wind energy production was about 2,956 MW, out of which 440 MW of new onshore wind installation was done in 2021.

In December 2022, South Africa had signed legal agreements on additional 13 projects under the 5th Bid Window of the Renewable Energy IPP Procurement Programme. The program consists of 784 MW onshore wind installations out of a total of 1,759 MW renewable capacity to be developed. This will pave the way for the addition of new generation capacity by 2025.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Additionally, in November 2022, Red Rocket Consortium signed three multibillion-rand wind project agreements worth USD 540 million. The onshore capacity of 364MW will be developed under Renewable Energy Independent Power Producer Procurement Programme and is expected to get completed in 2024. It will significantly solve the problem of load shedding and the energy crisis in South Africa.

The South Africa Department of Energy published an integrated resource plan in 2021, which states that overall renewable energy sources will grow by 26% of total energy over the next twelve years. The country aims to reach the 11.5 GW capacity of the onshore wind segment under the plan. Thus, the onshore segment will grow during the forecast period.

Also, with the involvement of international market players and rapid adaptation of renewables, the LCOE for wind has witnessed a significant drop, resulting in the growth of the wind market in the forecast period.

With upcoming onshore projects and decreasing wind power costs, considerable growth is anticipated in the future.

Government Initiatives and Upcoming Projects to Drive the Market

Wind energy is expected to play a critical role in South Africa's energy mix. The Integrated Resource Plan of the country envisions the addition of 14,400 MW of wind power in South Africa by 2030. It will significantly increase renewable energy generation in the country. In 2021, the total electricity generation increased by 2% from the previous year and reached about 244 TWh.

In September 2022, The South African government declared to double the wind energy allocation under the initiative Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) 6th Bid Window to 3,200 MW. This development tackled South Africa's energy challenges and harnessed electricity from renewables.

Furthermore, in December 2022, under the 6th Bid Window, a total of 56 wind and solar projects were submitted by potential bidders for 9,600 MW of projects. Of the 56 projects, 23 wind projects have a cumulative capacity of more than 4,100 MW.

Similarly, In November 2021, under the Renewable Energy Independent Power Producer Procurement Program (REIPPP), South Africa picked 2.58 GW of wind and solar projects in the auction. Private developers will develop a total of 25 projects in the country.

With active initiatives by the government of South Africa focussing on installing renewable energy projects, the wind energy market can be seen driving ahead in the future.

South Africa Wind Energy Market Competitor Analysis

The South African wind energy market is partially fragmented. Some of the major companies include (in no particular order) Nordex SE, Vestas Wind Systems AS, Electricite de France SA, Siemens Gamesa Renewable Energy SA, Enel SpA, and others.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Scope of the Study

1.2 Market Definition

1.3 Study Assumptions

2 EXECUTIVE SUMMARY

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

3 RESEARCH METHODOLOGY

4 MARKET OVERVIEW

4.1 Introduction

4.2 Renewable Energy Mix, 2020

4.3 Installed Capacity and Forecast in MW, till 2027

4.4 Recent Trends and Developments

4.5 Government Policies and Regulations

4.6 Market Dynamics

4.6.1 Drivers

4.6.2 Restraints

4.7 Supply Chain Analysis

4.8 PESTLE Analysis

5 MARKET SEGMENTATION

5.1 Location

5.1.1 Onshore

5.1.2 Offshore

6 COMPETITIVE LANDSCAPE

6.1 Mergers and Acquisitions, Joint Ventures, Collaborations, and Agreements

6.2 Strategies Adopted by Leading Players

6.3 Company Profiles

6.3.1 Vestas Wind Systems AS

6.3.2 Enel SpA

6.3.3 Siemens Gamesa Renewable Energy SA

6.3.4 Electricite de France SA

6.3.5 Nordex SE

6.3.6 Mainstream Renewable Power Ltd

6.3.7 Eskom Holdings SOC Ltd

6.3.8 Hexicon AB

7 MARKET OPPORTUNITIES AND FUTURE TRENDS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

South Africa Wind Energy Market - Growth, Trends, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 95 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-03"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

