

## **Denmark Power - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 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 Denmark Power Market is expected to register a CAGR of 5.3% during the forecast period.

#### Key Highlights

- Over the medium term, integrating renewable energy sources and supportive government policies is expected to drive the market during the forecasted period.
- On the other hand, the cost associated with the increasing infrastructure for power generation facilities and land availability in the country is expected to hinder the growth of the power market.
- Nevertheless, offshore wind energy development presents significant opportunities for the Denmark power market.

#### Denmark Power Market Trends

##### Wind Energy to Dominate the Market

- Denmark is located in a region with favorable wind conditions, particularly offshore areas. The country includes a long coastline and shallow waters, ideal for developing offshore wind farms. The abundance of wind resources provides a reliable and sustainable energy source, making wind power a compelling option for electricity generation.
- Moreover, Denmark includes a long history of pioneering wind energy technologies and established a robust wind industry. Danish companies contain expertise in designing, manufacturing, and installing wind turbines onshore and offshore. This expertise and the country's favorable wind conditions positioned Denmark as a global leader in the wind energy sector.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- According to International Renewable Energy Agency, the wind energy installed capacity grew from 6123 MW in 2018 to 7088 MW in 2022. It represents a growth rate of more than 15%, signifying the increasing wind energy deployment in the country.
- Additionally, the Danish government is highly supportive of wind energy development. It implemented feed-in tariffs, subsidies, and favorable regulatory frameworks to encourage investment in wind power projects. These supportive measures facilitated the growth of the wind energy sector and created a conducive environment for wind power to dominate the market.
- For instance, in February 2023, the Ministry of Climate, Energy, and Utilities in Denmark intends to initiate tenders for an additional 9 GW of offshore wind capacity by the end of this year. This ambitious plan aims to increase Denmark's offshore wind capacity by five times, reaching a significant milestone by 2030.
- Therefore, as per the points discussed above, wind energy is expected to dominate the power market in Denmark.

#### Increasing Renewable Power Generation to Drive the Market

- Denmark includes a rich history of renewable energy development and utilization. In 2020, the Danish Parliament enacted the Climate Act, establishing ambitious targets to combat climate change. According to this act, Denmark aims to achieve a 70% reduction in greenhouse gas emissions by 2030 compared to the levels recorded in 1990. Furthermore, the country is legally bound to meet these reduction targets. Additionally, Denmark set its sights on attaining climate neutrality by 2050, marking a significant commitment to addressing the global challenge of climate change.
- The growing global awareness of the urgent need to address climate change and reduce greenhouse gas emissions. Renewable power generation, such as solar, wind, hydro, and biomass, offers a cleaner and more sustainable alternative to traditional fossil fuel-based generation. Governments, businesses, and individuals increasingly prioritize renewable energy sources to mitigate environmental impacts and promote a low-carbon future.
- According to International Renewable Energy Agency, the renewable energy installed capacity grew from 10882 MW in 2021 to 11734 MW in 2022. It represents a growth rate of more than 8%, signifying the country's increasing deployment of renewable energy.
- Moreover, the cost of renewable energy technologies, particularly solar and wind, significantly declined over the years. Improved manufacturing processes, economies of scale, and technological advancements led to cost reductions in renewable power generation. As a result, renewable energy sources became more competitive with conventional fossil fuel-based generation, driving their adoption and market growth.
- For instance, in December 2022, Denmark announced that it is constructing two energy islands that could expedite Europe's transition to green energy. These islands, comprising an artificial island in the North Sea and another on the island of Bornholm in the Baltic Sea, will be hubs for wind energy generation. Furthermore, there are plans for these energy islands to produce green hydrogen power in the future, showcasing Denmark's commitment to sustainable and renewable energy sources.
- Therefore increasing adaption of renewable energy is expected to drive the market during the forecasted period.

#### Denmark Power Industry Overview

The Denmark power market is partially fragmented. The major companies (in no particular order) include Vestas Wind Systems A/S, Oersted A/S, Siemens Gamesa Renewable Energy SA, Arcon-Sunmark A/S, and Vattenfall A / S.

#### Additional Benefits:

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

#### **Table of Contents:**

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

## 1 INTRODUCTION

1.1 Scope of the Study

1.2 Market Definition

1.3 Study Assumptions

## 2 RESEARCH METHODOLOGY

## 3 EXECUTIVE SUMMARY

## 4 MARKET OVERVIEW

4.1 Introduction

4.2 Installed Capacity and Forecast in GW, till 2028

4.3 Recent Trends and Developments

4.4 Government Policies and Regulations

4.5 Market Dynamics

4.5.1 Drivers

4.5.1.1 Integration of Renewable Energy

4.5.1.2 Supportive government policies in Power Plants

4.5.2 Restraints

4.5.2.1 Limited Land Availability

4.6 Supply Chain Analysis

4.7 PESTLE Analysis

## 5 MARKET SEGMENTATION

5.1 Generation

5.1.1 Wind

5.1.2 Solar

5.1.3 Coal

5.1.4 Others

5.2 Transmission and Distribution

## 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 A/S

6.3.2 Oersted A/S

6.3.3 Siemens Gamesa Renewable Energy SA

6.3.4 Arcon-Sunmark A/S.

6.3.5 Vattenfall A / S

6.3.6 BIGADAN A/S

6.3.7 General Electric Company

## 7 MARKET OPPORTUNITIES AND FUTURE TRENDS

7.1 Offshore Wind Development Across the Country

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

**Denmark Power - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 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@scott's-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@scott's-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="2026-02-26"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

