

UK Renewable Energy Market Size, Share & Trends Analysis Report By Product (Hydropower, Wind Power, Solar Power, Bioenergy), By Application (Industrial, Residential, Commercial), And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/U99D586D9560EN.html>

Date: May 2025

Pages: 110

Price: US\$ 5,950.00 (Single User License)

ID: U99D586D9560EN

Abstracts

This report can be delivered to the clients within 6 Business Days

UK Renewable Energy Market Size & Trends

The UK renewable energy market size was estimated at USD 23.86 billion in 2024 and is expected to grow at a CAGR of 20.6% from 2025 to 2030. The growing demand for renewable energy is attributed to the high living standards of consumers and rapid economic growth. The shift towards low-carbon fuels and the presence of stringent environmental regulations in the UK have greatly boosted the growth of the renewable energy industry in the country.

Another growth factor responsible for the rising demand for renewable energy in the country is the economic benefits and opportunities provided by solar energy projects in the UK. With PV modules becoming cheap, the installation rates have gone up in the country, and the upgradation of old power plants is expected to drive the market. Notable solar companies present in the country include First4Solar and Maxeon Solar Technologies, Ltd. The use of solar panels in the country is increasingly attributed to the strategic geographical location of the country, as it is exposed to the maximum amount of sunlight throughout the year.

Increasing construction of hydropower plants in the country is also expected to foster the demand for renewable energy in the UK hydropower market during the forecast

period. Increasing construction of micro and an increase in spending on mini hydro power plants will fuel the demand for the overall hydropower market in the country in the near future.

The high initial investment to produce renewable energy restrained the growth of the global renewable energy market. A similar trend is expected to be seen in the UK market for renewable energy. The cost of renewable energy production comprises land, materials, equipment, and labor. Financial assistance is required for the development and expansion of biogas plants. The process of procuring and converting raw materials is costly and time-consuming. Regulation and financial assistance are required for sorting, collecting, processing, supplying, and distributing the feedstock; the construction & operation of the plant; and the sale & distribution of renewable energy. Plant output needs to be sufficient and consistent to cover installation and operating costs.

UK Renewable Energy Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the UK renewable energy market report based on product and application:

Product Outlook (Volume, TWh; Revenue, USD Million, 2018 - 2030)

Hydropower

Wind Power

Solar Power

Bioenergy

Others

Application Outlook (Volume, TWh; Revenue, USD Million, 2018 - 2030)

Industrial

Residential

Commercial

Companies Mentioned

ABB
Acconia
Enel Spa
General Electric
Invenergy
Schneider Electric
Siemens Gamesa Renewable Energy
Suzlon Energy Ltd.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Information Procurement
 - 1.1.1. Purchased Database
 - 1.1.2. GVR's Internal Database
 - 1.1.3. Secondary Sources & Third-Party Perspectives
 - 1.1.4. Primary Research
- 1.2. Information Analysis & Data Analysis Models
- 1.3. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Insights
- 2.2. Market Outlook
- 2.3. Segmental Outlook
- 2.4. Competitive Outlook

CHAPTER 3. MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Industry Value Chain Analysis
 - 3.2.1. Raw Material Trends
- 3.3. Technology Overview
- 3.4. Regulatory Framework
- 3.5. Market Dynamics
 - 3.5.1. Market Driver Analysis
 - 3.5.2. Market Restraint Analysis
 - 3.5.3. Industry Challenges
- 3.6. Business Environment Analysis: UK Renewable Energy Market
 - 3.6.1. Industry Analysis - Porter's Five Force Analysis
 - 3.6.1.1. Bargaining Power of Suppliers
 - 3.6.1.2. Bargaining Power of Buyers
 - 3.6.1.3. Competitive Rivalry
 - 3.6.1.4. Threat of Substitutes
 - 3.6.1.5. Threat of New Entrants
 - 3.6.2. PESTEL Analysis
 - 3.6.2.1. Political Analysis

- 3.6.2.2. Economic Analysis
- 3.6.2.3. Social Analysis
- 3.6.2.4. Technology Analysis
- 3.6.2.5. Environment Analysis
- 3.6.2.6. Legal Analysis

CHAPTER 4. UK RENEWABLE ENERGY MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1. Definition & Scope
- 4.2. Product Movement & Market Share Analysis, 2024 & 2030
 - 4.2.1. Hydropower
 - 4.2.1.1. UK Renewable Energy Market Estimates and Forecasts, in Hydropower, 2018 - 2030 (TWh) (USD Million)
 - 4.2.2. Wind Power
 - 4.2.2.1. UK Renewable Energy Market Estimates and Forecasts, in Wind Power, 2018 - 2030 (TWh) (USD Million)
 - 4.2.3. Solar Power
 - 4.2.3.1. UK Renewable Energy Market Estimates and Forecasts, in Solar Power, 2018 - 2030 (TWh) (USD Million)
 - 4.2.4. Bioenergy
 - 4.2.4.1. UK Renewable Energy Market Estimates and Forecasts, in Bioenergy, 2018 - 2030 (TWh) (USD Million)
 - 4.2.5. Others
 - 4.2.5.1. UK Renewable Energy Market Estimates and Forecasts, in Others, 2018 - 2030 (TWh) (USD Million)

CHAPTER 5. UK RENEWABLE ENERGY MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 5.1. Definition & Scope
- 5.2. Application Movement & Market Share Analysis, 2024 & 2030
 - 5.2.1. Industrial
 - 5.2.1.1. UK Renewable Energy Market Estimates and Forecasts, in Industrial, 2018 - 2030 (TWh) (USD Million)
 - 5.2.2. Residential
 - 5.2.2.1. UK Renewable Energy Market Estimates and Forecasts, in Residential, 2018 - 2030 (TWh) (USD Million)
 - 5.2.3. Commercial

5.2.3.1. UK Renewable Energy Market Estimates and Forecasts, in Commercial, 2018 - 2030 (TWh) (USD Million)

CHAPTER 6. COMPETITIVE LANDSCAPE

6.1. Recent Developments & Impact Analysis, By Key Market Participants

6.2. Company Categorization

6.3. Participant's Overview

6.4. Financial Performance

6.5. Product Benchmarking

6.5.1. ABB

6.5.2. Acconia

6.5.3. Enel Spa

6.5.4. General Electric

6.5.5. Invenergy

6.5.6. Schneider Electric

6.5.7. Siemens Gamesa Renewable Energy

6.5.8. Suzlon Energy Ltd.

6.6. Company Market Positioning

6.7. Company Market Share Analysis, 2022

6.8. Company Heat Map Analysis

6.9. Strategy Mapping

6.9.1. Expansion

6.9.2. Mergers & Acquisition

6.9.3. Collaborations

6.9.4. New Product Launches

6.9.5. Research & Development

List Of Tables

LIST OF TABLES

Table 1 List of Abbreviations

Table 2 UK Renewable Energy Market Revenue Estimates and Forecasts, by Product, 2018 - 2030 (TWh)

Table 3 UK Renewable Energy Market Revenue Estimates and Forecasts, by Product, 2018 - 2030 (USD Million)

Table 4 UK Renewable Energy Market Revenue Estimates and Forecasts, by Application, 2018 - 2030 (TWh)

Table 5 UK Renewable Energy Market Revenue Estimates and Forecasts, by Application, 2018 - 2030 (USD Million)

Table 6 Recent Developments & Impact Analysis by Key Market Participants

Table 7 Company Heat Map Analysis

Table 8 Key companies undergoing expansion

Table 9 Key companies involved in M&A

Table 10 Key companies undergoing collaborations

Table 11 Key companies launching new products

Table 12 Key companies undertaking R&D activities

List Of Figures

LIST OF FIGURES

- Fig. 1 Renewable Energy Market Segmentation
- Fig. 2 Information procurement
- Fig. 3 Data Analysis Models
- Fig. 4 Market Formulation and Validation
- Fig. 5 Primary research pattern
- Fig. 6 Primary research process
- Fig. 7 Primary research approaches
- Fig. 8 Market Snapshot
- Fig. 9 Segment Snapshot
- Fig. 10 Competitive Landscape Snapshot
- Fig. 11 Energy market Volume, 2024 (TWh)
- Fig. 12 UK Renewable energy market - Industry Value Chain Analysis
- Fig. 13 UK Renewable Energy - Market Dynamics
- Fig. 14 UK Renewable Energy Market - Porter's Analysis
- Fig. 15 UK Renewable Energy Market - PESTEL analysis
- Fig. 16 UK Renewable Energy Market, by Product: Key Takeaways
- Fig. 17 UK Renewable Energy Market Share, by Product, 2024 & 2030 (%)
- Fig. 18 UK Hydropower Market Estimates & Forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 19 UK Wind Power Market Estimates & Forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 20 UK Solar Power Market Estimates & Forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 21 UK Bioenergy Market Estimates & Forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 22 UK Others Market Estimates & Forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 23 UK Renewable Energy Market, by Application: Key Takeaways
- Fig. 24 UK Renewable Energy Market Share, by Application, 2024 & 2030 (%)
- Fig. 25 Residential market estimates & forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 26 Commercial market estimates & forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 27 Industrial market estimates & forecasts, 2018 - 2030 (TWh) (USD Million)
- Fig. 28 Key Company Categorization
- Fig. 29 Company Market Positioning
- Fig. 30 Strategic Framework

I would like to order

Product name: UK Renewable Energy Market Size, Share & Trends Analysis Report By Product (Hydropower, Wind Power, Solar Power, Bioenergy), By Application (Industrial, Residential, Commercial), And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/U99D586D9560EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U99D586D9560EN.html>