

# Romania Power - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

<https://marketpublishers.com/r/RE0A4DB643CEEN.html>

Date: July 2024

Pages: 95

Price: US\$ 4,750.00 (Single User License)

ID: RE0A4DB643CEEN

## Abstracts

The Romania Power Market size is estimated at 19.02 gigawatt in 2024, and is expected to reach 25.04 gigawatt by 2029, growing at a CAGR of 5.66% during the forecast period (2024-2029).

### Key Highlights

Over the medium period, factors such as the growing demand for renewable energy, upcoming investments in the energy sector, and supportive renewable energy policies drive the market's growth.

On the other hand, the high initial investment cost, long investment return period on projects, and limited natural resources are expected to restrain the Romanian power market during the forecast period.

Nevertheless, the Romanian government announced plans to invest over EUR 22.6 billion (USD 26.7 billion) in the power sector between 2020-2030. This is expected to create immense opportunities for the Romanian power market in the future.

### Romania Power Market Trends

#### Hydropower to Witness Significant Growth

Romania's energy mix is dominated by hydrocarbon energy sources such as coal, oil, and natural gas. This scenario is changing fast with the growth of hydropower and solar energy.

Hydropower is the largest source of renewable energy in Romania. Romania has great potential for more than 9GW, but as of 2022, only 70% of the total hydropower capacity was utilized. Hence, the country has the potential to explore more areas to capture hydroelectric power.

Romania is seeking to derive more of its energy needs from renewable sources. Romania is seen as a fast-growing market for hydropower in the Southeast European region.

According to the International Renewable Energy Agency (IRENA) Renewable Energy Statistics 2023, the total capacity of hydropower energy sources, as of 2022, was 6,661 megawatts (MW). This is expected to grow significantly with upcoming projects during the forecast period.

In January 2023, Romania and Bulgaria agreed to develop two Danube hydropower projects. Hidroelectrica, a Romanian state-owned firm, will be the principal contractor for both Danube projects. The two hydropower plants are expected to take five to six years to build. The first power plant will be between Romania's Turnu M?gurele and Bulgaria's Nikopol. It will have an 840 MW capacity.

Thus, owing to the above points, the hydropower segment is expected to witness significant growth during the forecast period.

### Supportive Renewable Energy Policies to Drive the Market

Romania has announced numerous policies to support the renewable energy sector. These policies help meet the obligations set by the European Union (EU) in terms of greenhouse gas emissions through its legislative package.

Romania's Integrated National Plan in the field of Energy and Climate Change (PNIESC) proposes 5.1 GWh of solar and 5.3 GWh of wind capacities by 2030 and increasing the number of energy prosumers.

Under CfD, the producers enter a private contract with the nominated counterparty, under which the parties agree on a strike price. The producer sells the electricity at market prices. If the market prices are below the strike price, then the counterparty pays the difference to the producer, and if the market price is above the strike price, the

producer pays the difference to the counterparty.

The CfD ensures a consistent electricity price to power plant owners, protecting them from market risks associated with electricity price volatility. Given the success of the CfD in the United Kingdom and the existing obstacles presented by uncertain electricity prices for the power market, CfD is expected to be a major market driver.

According to the International Renewable Energy Agency (IRENA) Renewable Energy Statistics 2023, the total capacity of renewable energy sources, as of 2022, was 11,1411 megawatts (MW). This is expected to grow significantly with supportive government policies and upcoming projects during the forecast period.

Therefore, the above supportive renewable policies are expected to drive the Romanian power market in the forecast period.

## Romania Power Industry Overview

The Romanian power market is moderately fragmented. Some of the key players in the market (in no particular order) include Romelectro SA, SGS SA, Enel SpA, Siemens Gamesa Renewable Energy SA, and Vestas Wind Systems AS.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

## Contents

### **1 INTRODUCTION**

- 1.1 Scope of the Study
- 1.2 Market Definition
- 1.3 Study Assumptions

### **2 EXECUTIVE SUMMARY**

### **3 RESEARCH METHODOLOGY**

### **4 MARKET OVERVIEW**

- 4.1 Introduction
- 4.2 Romania Installed Power Generation and Forecast, till 2028
- 4.3 Romania Energy Mix 2022
- 4.4 Recent Trends and Developments
- 4.5 Government Policies and Regulations
- 4.6 Market Dynamics
  - 4.6.1 Drivers
    - 4.6.1.1 Growing Demand for Renewable Energy
    - 4.6.1.2 Upcoming Investments in the Energy Sector and Supportive Renewable Energy Policies
  - 4.6.2 Restraints
    - 4.6.2.1 High Initial Investment Cost and Long Investment Return Period on Projects
- 4.7 Supply Chain Analysis
- 4.8 PESTLE Analysis

### **5 MARKET SEGMENTATION**

- 5.1 Source
  - 5.1.1 Thermal
  - 5.1.2 Renewables
  - 5.1.3 Hydropower
  - 5.1.4 Nuclear
  - 5.1.5 Other Sources (Natural Gas and Oil)
- 5.2 Power Transmission and Distribution (T&D)

## **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 Romelectro SA

6.3.2 SGS SA

6.3.3 Enel SpA

6.3.4 Siemens Gamesa Renewable Energy SA

6.3.5 Vestas Wind Systems AS

6.3.6 Electroalfa

6.3.7 Sunshine Solar Energy Srl

6.3.8 Danagroup.hu

6.3.9 NIVUS GmbH

6.3.10 CEZ Romania

## **7 MARKET OPPORTUNITIES AND FUTURE TRENDS**

7.1 Romanian Government Announced Plans to Invest Over EUR 22.6 Billion (USD 26.7 billion) in the Power Sector

## I would like to order

Product name: Romania Power - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

Product link: <https://marketpublishers.com/r/RE0A4DB643CEEN.html>

Price: US\$ 4,750.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/RE0A4DB643CEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

