

Global Coal Fired Power Generation Market Size study, by Technology (Pulverized Coal Systems, Cyclone Furnaces, and Others), Application (Residential and Commercial) and Regional Forecasts 2021-2027

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Abstracts

Global Coal Fired Power Generation Market is valued approximately USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of more than 1 % over the forecast period 2021-2027. Coal-fired power generation is a thermal power station plant that generates electricity by burning coal. Some of the technologies utilised in power generation include gasification, pulverised coal burning, coal cyclone furnaces, and fluidized bed combustion. Rising demand for electricity is expected to augment the market growth of coal-fired power generation. Because of their lower pollution requirements, coal gasification and fluidized bed combustion are in high demand. Because of the government's rigorous laws and restrictions, such technologies are anticipated to expand rapidly. This has altered the priorities of energy providers toward green technologies such as coal gasification and fluidized bed combustion. According to the World Coal Association, Coal-fired power plants presently provide 37% of global electricity, and according to the IEA, coal will still generate 22% of global electricity in 2040, preserving coal's status as the single greatest source of electricity globally. According to the US Energy Information Administration, 19% of the electricity production in the US was carried out using coal during 2020. However, the development of ecologically friendly technology, as well as the health hazards linked with coal-fired power generation, which emits hazardous gases that cause a variety of respiratory ailments such as asthma hinders the growth of the market over the forecast period of 2021-2027. Also, progress in combustion technology, increased R&D to improve efficiency and minimize operating costs, and an increase in the number of coal-fired power plants is likely to increase the market growth during the forecast period.

The regional analysis of global Coal Fired Power Generation market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia-Pacific is the dominating region across the world in terms of market share attributing to the low-cost coal availability, rising electricity usage, upcoming power production projects, and increased industrialization. Whereas, Europe is also anticipated to exhibit highest growth rate over the forecast period 2021-2027. Factors such as commercial applications, an increasing number of foreign participants, increased concern about greenhouse gas emissions, and growth in the residential sector would create lucrative growth prospects for the Coal Fired Power Generation market across Asia-Pacific region.

Major market player included in this report are:

National Thermal Power Corporation Limited

China Datang Corporation

China Huaneng Group

Dominion Energy Solutions

Duke Energy Corporation

ON SE

Eskom Holdings SOC Ltd.

Georgia Power Company

Jindal India Thermal Power Limited

Korea Electric Power Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Pulverized Coal Systems

Cyclone Furnaces

Others

By Application:

Residential

Commercial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Coal Fired Power Generation Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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