

Global Power Plant Control System Market Size study, by Plant Type (Coal Natural Gas, Oil, Hydroelectric, Nuclear, Renewable), by Solution (SCADA, DCS, Programmable Controllers, Others), by Application (Boiler & Auxiliaries Control, Turbine & Auxiliaries Control, Generator Excitation & Electrical Control, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Power Plant Control System Market is valued at approximately USD 6.7 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 7.3% over the forecast period 2021-2027. Growing data centers investment is a significant factor propelling the power plant control system market forward. In addition to that, rising need for zero downtime power supply solutions for critical power end-uses coupled with the advantages of rotary UPS such as low costs, higher efficiency, and fewer space requirements is expected to contribute to the market growth.

Strategic acquisitions by market players will also influence the market positively. For instance, in August 2020, Schneider Electric partnered with Temasek to acquire Larsen and Toubro's Electrical and Automation business division. Schneider owns a 65% share of the acquired business sector and the rest by Temasek. This acquisition is aimed to strengthen low-voltage offerings and the industrial automation business and to help Schneider Electric to grow in the Middle East, Africa, and East Asia as L&T offers strong R&D and engineering capabilities. Furthermore, the rising adoption of digital solutions such as IoT and predictive maintenance will open up new growth opportunities for the market in future years. However, concerns regarding cyberattacks and lack of standardization in solutions may hamper the market growth.

The Asia Pacific is expected to emerge as the fastest growing region in the global

power plant control market, with China significantly contributing to its growth. Growing investments in fossil fuel power plants and renewable power plants in the region are anticipated to drive the market growth.

Major market player included in this report are:

Siemens Energy

ABB

Emerson

Rockwell

GE

Schneider Electric

Honeywell

Mitsubishi Electric

Yokogawa Electric Corporation

Endress+Hauser

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 Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Plant Type:

Coal

Natural Gas

Oil

Hydroelectric

Nuclear

Renewable

By Solution:

SCADA

DCS

Programmable Controllers

Others

By Application:

Boiler & Auxiliaries Control

Turbine & Auxiliaries Control

Generator Excitation & Electrical Control

Others

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 Power Plant Control System 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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