

North America Power System Simulator Market 2021-2031 by Component (Hardware, Software, Services), Product (HIL, PHIL), Module (Load Flow, Harmonics, Short Circuit, Arc Flash, Device Coordination Selectivity, Others), Application (Power, Industrial, Others), and Country: Trend Forecast and Growth Opportunity

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Abstracts

North America power system simulator market is projected to grow by 6.8% annually in the forecast period and reach \$719.3 million by 2031, driven by the rising necessity for renewable sources of energy such as solar and wind energy, rising investments into power infrastructure, growing demand for cost saving and improved efficiency, and the surging adoption of IoT as well as cloud-based platforms.

Highlighted with 20 tables and 37 figures, this 88-page report “North America Power System Simulator Market 2021-2031 by Component (Hardware, Software, Services), Product (HIL, PHIL), Module (Load Flow, Harmonics, Short Circuit, Arc Flash, Device Coordination Selectivity, Others), Application (Power, Industrial, Others), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America power system simulator market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America power system simulator market in every aspect of the classification from perspectives of by Component, Product, Module, Application, and Country.

Based on Component, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Hardware

Software

Services

Based on Product, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Hardware in the Loop (HIL)

Power Hardware in the Loop (PHIL)

By Module, the North America market is segmented into the following sub-markets with

annual revenue (\$ mn) for 2021-2031 included in each section.

Load Flow

Harmonics

Short Circuit

Arc Flash

Device Coordination Selectivity

Other Modules

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Power

Industrial

Other Applications

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Component, Module, and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and

profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Atos SE

Eaton Corporation plc

Energy Exemplar

ETAP

Fuji Electric Co., Ltd.

General Electric Company (GE)

Neplan AG

OPAL-RT Technologies, Inc.

Open Systems International, Inc. (OSI)

PowerWorld Corporation

RTDS Technologies Inc.

Schneider Electric SE

Siemens AG

The MathWorks, Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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