

Global Power System Simulator Market 2021

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Abstracts

Electrical power system simulation involves power system modeling and network simulation in order to analyze electrical power systems using design/offline or real-time data. The global power system simulator market is poised to grow by US\$ 460 million during 2021-2027, progressing at a CAGR of 6.6% during the forecast period, according to data and analytics company StrategyHelix.

The report provides up-to-date market size data for period 2017-2020 and forecast to 2027 covering key market aspects like sales value for power system simulator. The global power system simulator market is segmented on the basis of component, product, module, application, and region. By component, the global power system simulator market has been segmented into hardware, software, services. The software segment was the largest contributor to the global power system simulator market in 2020. Based upon product, the global power system simulator market is categorized into hardware-in-the-loop (HIL), power hardware in the loop (PHIL). On the basis of module, the global power system simulator market has been segmented into load flow, short circuit, arc flash, device coordination selectivity, harmonics, others. By application, the global power system simulator market has been segmented into power, industrial, others. Geographically, the global power system simulator market is segmented into North America, Asia Pacific, Europe, Rest of the World (ROW).

The global power system simulator market is highly competitive. The prominent players operating in the global power system simulator market include ABB Ltd., Atos SE, Eaton Corporation PLC, Energy Exemplar Proprietary Limited, ETAP/Operation Technology Inc., Fuji Electric Co. Ltd., General Electric Company, Neplan AG, OPAL-RT TECHNOLOGIES Inc., Open Systems International Inc., PowerWorld Corporation, RTDS Technologies Inc., Schneider Electric SE, Siemens AG, The MathWorks Inc.

Report Scope

Component: hardware, software, services

Product: hardware-in-the-loop (HIL), power hardware in the loop (PHiL)

Module: load flow, short circuit, arc flash, device coordination selectivity, harmonics, others

Application: power, industrial, others

Region: North America, Asia Pacific, Europe, Rest of the World (ROW)

Years considered: this report covers the period 2017 to 2027

Key Benefits for Stakeholders

Get a comprehensive picture of the global power system simulator market

Pinpoint growth sectors and trends for investment

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Services

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Hardware-in-the-loop (HIL)
Power hardware in the loop (PHiL)

PART 5. MARKET BREAKDOWN BY MODULE

Load flow
Short circuit
Arc flash
Device coordination selectivity
Harmonics
Others

PART 6. MARKET BREAKDOWN BY APPLICATION

Power
Industrial
Others

PART 7. MARKET BREAKDOWN BY REGION

North America

Asia Pacific

Europe

Rest of the World (ROW)

PART 8. KEY COMPANIES

ABB Ltd.

Atos SE

Eaton Corporation PLC

Energy Exemplar Proprietary Limited

ETAP/Operation Technology, Inc.

Fuji Electric Co., Ltd.

General Electric Company

Neplan AG

OPAL-RT TECHNOLOGIES, Inc.

Open Systems International, Inc.

PowerWorld Corporation

RTDS Technologies Inc.

Schneider Electric SE

Siemens AG

The MathWorks, Inc.

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