

Medium Voltage Switchgear Market to Hit \$31.7 Billion by 2031, Driven by Infrastructure Growth

□ *Rising Energy Demand & Urbanization Propel Medium Voltage Switchgear Industry to \$31.7 Billion* □

WILMINGTON, DE, UNITED STATES, July 1, 2025 /EINPresswire.com/ -- □
Medium Voltage Switchgear Industry Overview □

According to a new report published by Allied Market Research, the [medium voltage switchgear market](#) size was

valued at \$14.5 billion in 2021 and is projected to reach \$31.7 billion by 2031, growing at a CAGR of 8.2% from 2022 to 2031. Medium voltage switchgear plays a vital role in managing, protecting, and isolating electrical circuits in the 3kV to 40kV range, making it essential for both transmission and distribution utilities.

“

The global medium voltage switchgear market is projected to reach \$31.7B by 2031, fueled by rising power demand & infrastructure expansion.”

Allied Market Research

Download PDF Brochure:

<https://www.alliedmarketresearch.com/request-sample/31750>

Medium voltage switchgear includes various components such as switches, [circuit breakers](#), fuses, disconnectors, relays, lightning arresters, and control cabinets. These systems ensure safe and efficient power distribution, especially in growing urban and industrial infrastructures.



□ Report Summary – 5 Key Takeaways □

□ Market Size: Projected to grow from \$14.5B in 2021 to \$31.7B by 2031 at a CAGR of 8.2%.

□ Asia-Pacific: Fastest-growing region with high infrastructure and industrial demand.

□ Voltage Segment: 3kV–5kV segment to grow at the highest CAGR of 9.1%.

□ Air Insulated Switchgear: Expected to dominate due to affordability and reliability.

□ Transmission & Distribution Utilities: Largest application segment, fueling consistent demand.

□ Market Drivers and Opportunities □

□ Rapid Urbanization & Infrastructure Growth

With rising electricity consumption driven by rapid urbanization, industrialization, and large-scale infrastructure projects globally, the demand for efficient medium voltage switchgear solutions is increasing. Nations are investing in modernizing grids to meet energy efficiency standards, bolstering market expansion.

□ Smart Grid Integration

Smart grids are reshaping energy distribution systems by offering real-time data and optimized energy flow. The integration of medium voltage switchgear with smart grid technology is opening doors for intelligent automation and predictive maintenance.

□ Renewable Energy Projects

As countries shift towards renewable energy sources, the need for robust switchgear systems becomes vital to ensure the safe and stable integration of solar, wind, and [hydroelectric power](#) into the grid. Switchgear ensures fault isolation and system protection during load fluctuations.

□□ Construction & Industrial Development

The global rise in commercial and residential construction is boosting demand for indoor and outdoor medium voltage switchgear systems. The need for reliable power in high-rise buildings, shopping malls, factories, and data centers further accelerates market growth.

Buy This Report (480 Pages PDF with Insights, Charts, Tables, and Figures):

<https://bit.ly/41tcd4m>

□ Segmentation Highlights □

□ By Voltage Range

3kV – 5kV is the fastest-growing segment, with an expected CAGR of 9.1% due to widespread usage in compact industrial units.

Other segments include 6kV – 15kV, 16kV – 27kV, and 28kV – 40kV.

□ By Installation Type

Indoor switchgear is ideal for commercial buildings and enclosed environments.

Outdoor switchgear dominates industrial and utility-scale installations.

□ By Insulation Type

Air-insulated switchgear (AIS) is expected to dominate due to its cost-effectiveness and ease of maintenance.

Gas-insulated switchgear (GIS) is gaining traction for its compactness and superior reliability.

Other types include oil and solid insulation.

□ By End-use Industry

Transmission & distribution utilities segment leads the market share and is expected to maintain dominance.

Other key industries include commercial & residential, and others (such as mining and railways).

□ By Current Type

AC segment is projected to dominate the medium voltage switchgear market throughout the forecast period, owing to its widespread adoption.

□ Regional Insights □

□ Asia-Pacific Leading the Charge

The Asia-Pacific region is projected to grow at the highest CAGR of 8.8%, driven by growing investments in electrification, smart city infrastructure, and industrial expansion in countries like China, India, and South Korea. The region already accounts for a significant share of global switchgear installations.

□□ Europe & □□ North America

These regions remain strong contributors due to established smart grid frameworks and

renewable energy mandates. The U.S. and Germany are key players, with utility and industrial sectors rapidly adopting new switchgear technologies.

Enquiry Before Buying: <https://www.alliedmarketresearch.com/purchase-enquiry/A31300>

□ Impact of COVID-19 on the Market □

The COVID-19 pandemic posed moderate challenges for the medium voltage switchgear market, causing supply chain disruptions and halting construction and industrial projects. Labor shortages, raw material delays, and halted transportation slowed production and deployment. However, post-pandemic recovery has been robust, fueled by government investments in infrastructure and energy resilience.

□ Key Players in the Market □

Some of the major players profiled in the medium voltage switchgear industry include:

ABB Ltd.

General Electric

Schneider Electric

Siemens AG

Toshiba Corporation

Mitsubishi Electric

Eaton Corporation

Fuji Electric

Hyundai Electric

Chint Group

Bharat Heavy Electricals Ltd.

These players are investing in R&D to innovate smarter, compact, and environment-friendly switchgear systems to stay ahead in the competitive landscape.

Trending Reports in Energy and Power Industry:

Air Insulated Switchgear Market

<https://www.alliedmarketresearch.com/air-insulated-switchgear-market-A08335>

Gas Insulated Switchgear Market

<https://www.alliedmarketresearch.com/gas-insulated-switchgear-market-A304202>

Paralleling Switchgear Market

<https://www.alliedmarketresearch.com/paralleling-switchgear-market-A12880>

Ring Main Unit (RMU) Market

<https://www.alliedmarketresearch.com/ring-main-unit-RMU-market>

Medium Voltage Switchgear Market

<https://www.alliedmarketresearch.com/medium-voltage-switchgear-market-A31300>

Hybrid Switchgear Market

<https://www.alliedmarketresearch.com/hybrid-switchgear-market-A15550>

Switchgear Market

<https://www.alliedmarketresearch.com/switchgear-market>

Electrical House (E-House) Market

<https://www.alliedmarketresearch.com/e-house-market>

Aluminum Bare Wire Conductor Market

<https://www.alliedmarketresearch.com/aluminum-bare-wire-conductor-market-A325757>

Three Phase Sectionalizer Market

<https://www.alliedmarketresearch.com/three-phase-sectionalizer-market-A159903>

Capacitor Bank Market

<https://www.alliedmarketresearch.com/capacitor-bank-market-A31818>

Circuit Breakers Market

<https://www.alliedmarketresearch.com/circuit-breakers-market>

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Market Research

+ 1800-792-5285

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/827250067>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.