

High Voltage Direct Current (HVDC) Transmission - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global High Voltage Direct Current (HVDC) Transmission market is accounted for \$7.66 billion in 2017 and is expected to reach \$16.25 billion by 2026 growing at a CAGR of 8.7% during the forecast period. Steady government strategies and activities for HVDC transmission and difficulties with atomic and non-renewable energy source encouraged power plants are impacting the market growth. However, stunning expense of Installing HVDC Transmission Systems is restricting the market growth.

A high-voltage, direct flow (HVDC) electric power transmission framework (additionally called a power superhighway or an electrical superhighway) utilizes direct flow for the mass transmission of electrical power, conversely with the more typical exchanging flow (AC) frameworks. For long-remove transmission, HVDC frameworks might be more affordable and endure lower electrical misfortunes. For submerged power links, HVDC maintains a strategic distance from the substantial flows required to charge and release the link capacitance each cycle. For shorter separations, the greater expense of DC transformation gear contrasted with an AC framework may even now be advocated, because of different advantages of direct current connections. HVDC utilizes voltages between 100 kV and 1,500 kV.

Amongst Application, Infeed Urban Areas segment accounted for the significant market share in the global market due to it is perfect for bolstering power into thickly populated urban areas, where the thickness of required overhead wires could cause noteworthy obstacles. Regardless of being progressively costly, underground electrical cables usage is expanding in urban territories.

By geography, Asia Pacific acquired the largest market share in the global market owing

to improvement of intensity foundation in this district offers numerous development open doors for market players. China is putting energetically in sustainable power source and executing most recent UHVDC innovation for power transmission.

Some of the key players in the global High Voltage Direct Current (HVDC) Transmission market include Prysmian Group, C-Epri Electric Power Engineering, NR Electric, NKT A/S, Nexans, Mitsubishi Electric, Hitachi, General Electric, Siemens, ABB, PSC Group, Aecom, Epcos, Toshiba and Schneider Electric.

Project Types Covered:

Multi-Terminal Systems

Back-To-Back Stations

Point-To-Point Transmission

Voltage Rating Types:

200 KV

500 KV

640 KV

Components Covered:

Substations

Transmission Cables

Converter Stations

Overhead Cables

Other Components

Underground cables

Harmonic Filters

Other Components

Projects Covered:

Non Regional Project

Regional Project

Project%li%Public Policy Requirements

Multi Driver

Single Driver

Products Covered:

High-power Rating Projects

Low power Rating Projects

Technologies Covered:

Line Commutated Converter (LCC)

Capacitor Commutated Converter (CCC)

Voltage Source Converter

Other Technologies

Applications Covered:

Infeed Urban Areas

Interconnecting Grids

Bulk Power Transmission

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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