

# Global High Voltage Direct Current (HVDC) Valves Market Growth 2024-2030

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## Abstracts

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The global High Voltage Direct Current (HVDC) Valves market size is projected to grow from US\$ 153.6 million in 2023 to US\$ 249.2 million in 2030; it is expected to grow at a CAGR of 7.2% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “High Voltage Direct Current (HVDC) Valves Industry Forecast” looks at past sales and reviews total world High Voltage Direct Current (HVDC) Valves sales in 2023, providing a comprehensive analysis by region and market sector of projected High Voltage Direct Current (HVDC) Valves sales for 2024 through 2030. With High Voltage Direct Current (HVDC) Valves sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Voltage Direct Current (HVDC) Valves industry.

This Insight Report provides a comprehensive analysis of the global High Voltage Direct Current (HVDC) Valves landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Voltage Direct Current (HVDC) Valves portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Voltage Direct Current (HVDC) Valves market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Voltage Direct Current (HVDC) Valves and breaks

down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High Voltage Direct Current (HVDC) Valves.

**Increasing Demand for HVDC Transmission:** The growing need for long-distance, high-capacity power transmission was driving the demand for HVDC systems globally. HVDC technology offers advantages such as lower transmission losses, improved grid stability, and enhanced integration of renewable energy sources, driving the deployment of HVDC transmission projects and, consequently, the demand for HVDC valves.

**Expansion of Renewable Energy Infrastructure:** The expansion of renewable energy infrastructure, particularly offshore wind farms, was driving the need for HVDC transmission systems to connect remote renewable energy sources to onshore grids. HVDC valves play a critical role in these systems by converting and controlling the flow of power between AC and DC transmission systems, facilitating the integration of renewable energy into the grid.

This report presents a comprehensive overview, market shares, and growth opportunities of High Voltage Direct Current (HVDC) Valves market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by type

Mercury Arc Valves

Thyristor Valves

Other

#### Segmentation by application

Overhead Transmission

Underground Transmission

Subsea Transmission

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

ABB

Siemens

GE Grid Solution

BHEL

Orano

Toshiba

Mitsubishi

XJ Electric

Nari Technology

## Key Questions Addressed in this Report

What is the 10-year outlook for the global High Voltage Direct Current (HVDC) Valves market?

What factors are driving High Voltage Direct Current (HVDC) Valves market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High Voltage Direct Current (HVDC) Valves market opportunities vary by end market size?

How does High Voltage Direct Current (HVDC) Valves break out type, application?

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