

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) HVDC Transmission System Market 2018, Forecast to 2023

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Abstracts

HVDC Transmission System uses direct current for the bulk transmission of electrical power, in contrast with the more common alternating current (AC) systems. For long-distance transmission, HVDC systems may be less expensive and suffer lower electrical losses. For underwater power cables, HVDC avoids the heavy currents required to charge and discharge the cable capacitance each cycle. For shorter distances, the higher cost of DC conversion equipment compared to an AC system may still be justified, due to other benefits of direct current links.

SCOPE OF THE REPORT:

This report focuses on the HVDC Transmission System in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The increasing demand for cost-effective solutions for long distance power transmission and integration of VSC technology across grids to enable system security are the major factors that drives the HVDC transmission system market.

In Asia Pacific (APAC), China and India are the major contributors to the growth of the HVDC transmission system market due to the growing demand for power in these countries. Some other factors affecting the growth of the market in this region include aging power infrastructure, increase in power consumption pattern, economic uncertainties, and low carbon emission initiatives. High power quality along with reliable and stable power transmission are some of the key requirements in the power industry. This factor is driving the growth of the HVDC transmission market in the APAC region. In China and India, high-power rating projects are more popular as it can supply more power for the huge population. While in Europe, most projects are the low-power rating

projects and used for the new energy transmission like the wind energy. Major players operating in the HVDC transmission market are ABB, Siemens, XD Group, NR Electric, GE Grid Solution, NKT, TBEA, etc. These Chinese players are rising faster through technology joint with the foreign players like ABB and Siemens. And the laterers are also expanding their market through this method.

The worldwide market for HVDC Transmission System is expected to grow at a CAGR of roughly 9.9% over the next five years, will reach 13500 million US\$ in 2023, from 7650 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ABB

Siemens

XD Group

NR Electric

GE Grid Solution

NKT

TBEA

Xuji Group

Hitachi

Nexans

Toshiba

Mitsubishi Electric

Abengoa

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

High-power Rating Projects

Low power Rating Projects

Market Segment by Applications, can be divided into

Overhead Transmission

Underground Transmission

Subsea Transmission

There are 15 Chapters to deeply display the global HVDC Transmission System market.

Chapter 1, to describe HVDC Transmission System Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of HVDC Transmission System, with sales, revenue, and price of HVDC Transmission System, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of HVDC Transmission System, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, HVDC Transmission System market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe HVDC Transmission System sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 HVDC Transmission System Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 High-power Rating Projects
 - 1.2.2 Low power Rating Projects
- 1.3 Market Analysis by Applications
 - 1.3.1 Overhead Transmission
 - 1.3.2 Underground Transmission
 - 1.3.3 Subsea Transmission
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 ABB

2.1.1 Business Overview

2.1.1.1 ABB Description

2.1.1.2 ABB Headquarter, Main Business and Finance Overview

2.1.2 ABB HVDC Transmission System Product Introduction

2.1.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.1.2.2 HVDC Transmission System Product Information

2.1.3 ABB HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 ABB HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global ABB HVDC Transmission System Market Share in 2017

2.2 Siemens

2.2.1 Business Overview

2.2.1.1 Siemens Description

2.2.1.2 Siemens Headquarter, Main Business and Finance Overview

2.2.2 Siemens HVDC Transmission System Product Introduction

2.2.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.2.2.2 HVDC Transmission System Product Information

2.2.3 Siemens HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Siemens HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Siemens HVDC Transmission System Market Share in 2017

2.3 XD Group

2.3.1 Business Overview

2.3.1.1 XD Group Description

2.3.1.2 XD Group Headquarter, Main Business and Finance Overview

2.3.2 XD Group HVDC Transmission System Product Introduction

2.3.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.3.2.2 HVDC Transmission System Product Information

2.3.3 XD Group HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 XD Group HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global XD Group HVDC Transmission System Market Share in 2017

2.4 NR Electric

2.4.1 Business Overview

2.4.1.1 NR Electric Description

2.4.1.2 NR Electric Headquarter, Main Business and Finance Overview

2.4.2 NR Electric HVDC Transmission System Product Introduction

2.4.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.4.2.2 HVDC Transmission System Product Information

2.4.3 NR Electric HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 NR Electric HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global NR Electric HVDC Transmission System Market Share in 2017

2.5 GE Grid Solution

2.5.1 Business Overview

2.5.1.1 GE Grid Solution Description

2.5.1.2 GE Grid Solution Headquarter, Main Business and Finance Overview

2.5.2 GE Grid Solution HVDC Transmission System Product Introduction

2.5.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.5.2.2 HVDC Transmission System Product Information

2.5.3 GE Grid Solution HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 GE Grid Solution HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global GE Grid Solution HVDC Transmission System Market Share in 2017

2.6 NKT

2.6.1 Business Overview

2.6.1.1 NKT Description

2.6.1.2 NKT Headquarter, Main Business and Finance Overview

2.6.2 NKT HVDC Transmission System Product Introduction

2.6.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.6.2.2 HVDC Transmission System Product Information

2.6.3 NKT HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 NKT HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global NKT HVDC Transmission System Market Share in 2017

2.7 TBEA

2.7.1 Business Overview

2.7.1.1 TBEA Description

2.7.1.2 TBEA Headquarter, Main Business and Finance Overview

2.7.2 TBEA HVDC Transmission System Product Introduction

2.7.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.7.2.2 HVDC Transmission System Product Information

2.7.3 TBEA HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 TBEA HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global TBEA HVDC Transmission System Market Share in 2017

2.8 Xuji Group

2.8.1 Business Overview

2.8.1.1 Xuji Group Description

2.8.1.2 Xuji Group Headquarter, Main Business and Finance Overview

2.8.2 Xuji Group HVDC Transmission System Product Introduction

2.8.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.8.2.2 HVDC Transmission System Product Information

2.8.3 Xuji Group HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Xuji Group HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Xuji Group HVDC Transmission System Market Share in 2017

2.9 Hitachi

2.9.1 Business Overview

2.9.1.1 Hitachi Description

2.9.1.2 Hitachi Headquarter, Main Business and Finance Overview

2.9.2 Hitachi HVDC Transmission System Product Introduction

2.9.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.9.2.2 HVDC Transmission System Product Information

2.9.3 Hitachi HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 Hitachi HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Hitachi HVDC Transmission System Market Share in 2017

2.10 Nexans

2.10.1 Business Overview

2.10.1.1 Nexans Description

2.10.1.2 Nexans Headquarter, Main Business and Finance Overview

2.10.2 Nexans HVDC Transmission System Product Introduction

2.10.2.1 HVDC Transmission System Production Bases, Sales Regions and Major Competitors

2.10.2.2 HVDC Transmission System Product Information

2.10.3 Nexans HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 Nexans HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global Nexans HVDC Transmission System Market Share in 2017

2.11 Toshiba

2.11.1 Business Overview

2.11.2 Toshiba HVDC Transmission System Product Introduction

2.11.3 Toshiba HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 Mitsubishi Electric

2.12.1 Business Overview

2.12.2 Mitsubishi Electric HVDC Transmission System Product Introduction

2.12.3 Mitsubishi Electric HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.13 Abengoa

2.13.1 Business Overview

2.13.2 Abengoa HVDC Transmission System Product Introduction

2.13.3 Abengoa HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL HVDC TRANSMISSION SYSTEM MARKET COMPETITION, BY MANUFACTURER

3.1 Global HVDC Transmission System Sales and Market Share by Manufacturer (2016-2017)

3.2 Global HVDC Transmission System Revenue and Market Share by Manufacturer (2016-2017)

- 3.3 Global HVDC Transmission System Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 HVDC Transmission System Manufacturer Market Share in 2017
 - 3.4.2 Top 5 HVDC Transmission System Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL HVDC TRANSMISSION SYSTEM MARKET ANALYSIS BY REGIONS

- 4.1 Global HVDC Transmission System Sales, Revenue and Market Share by Regions
 - 4.1.1 Global HVDC Transmission System Sales by Regions (2013-2018)
 - 4.1.2 Global HVDC Transmission System Revenue by Regions (2013-2018)
- 4.2 North America HVDC Transmission System Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe HVDC Transmission System Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific HVDC Transmission System Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America HVDC Transmission System Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa HVDC Transmission System Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA HVDC TRANSMISSION SYSTEM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America HVDC Transmission System Sales, Revenue and Market Share by Countries
 - 5.1.1 North America HVDC Transmission System Sales by Countries (2013-2018)
 - 5.1.2 North America HVDC Transmission System Revenue by Countries (2013-2018)
 - 5.1.3 United States HVDC Transmission System Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada HVDC Transmission System Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico HVDC Transmission System Sales and Growth Rate (2013-2018)
- 5.2 North America HVDC Transmission System Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America HVDC Transmission System Sales by Manufacturers (2016-2017)
 - 5.2.2 North America HVDC Transmission System Revenue by Manufacturers (2016-2017)
- 5.3 North America HVDC Transmission System Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America HVDC Transmission System Sales and Sales Share by Type

(2013-2018)

5.3.2 North America HVDC Transmission System Revenue and Revenue Share by Type (2013-2018)

5.4 North America HVDC Transmission System Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America HVDC Transmission System Sales and Sales Share by Application (2013-2018)

5.4.2 North America HVDC Transmission System Revenue and Revenue Share by Application (2013-2018)

6 EUROPE HVDC TRANSMISSION SYSTEM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe HVDC Transmission System Sales, Revenue and Market Share by Countries

6.1.1 Europe HVDC Transmission System Sales by Countries (2013-2018)

6.1.2 Europe HVDC Transmission System Revenue by Countries (2013-2018)

6.1.3 Germany HVDC Transmission System Sales and Growth Rate (2013-2018)

6.1.4 UK HVDC Transmission System Sales and Growth Rate (2013-2018)

6.1.5 France HVDC Transmission System Sales and Growth Rate (2013-2018)

6.1.6 Russia HVDC Transmission System Sales and Growth Rate (2013-2018)

6.1.7 Italy HVDC Transmission System Sales and Growth Rate (2013-2018)

6.2 Europe HVDC Transmission System Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe HVDC Transmission System Sales by Manufacturers (2016-2017)

6.2.2 Europe HVDC Transmission System Revenue by Manufacturers (2016-2017)

6.3 Europe HVDC Transmission System Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe HVDC Transmission System Sales and Sales Share by Type (2013-2018)

6.3.2 Europe HVDC Transmission System Revenue and Revenue Share by Type (2013-2018)

6.4 Europe HVDC Transmission System Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe HVDC Transmission System Sales and Sales Share by Application (2013-2018)

6.4.2 Europe HVDC Transmission System Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC HVDC TRANSMISSION SYSTEM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific HVDC Transmission System Sales, Revenue and Market Share by Countries

- 7.1.1 Asia-Pacific HVDC Transmission System Sales by Countries (2013-2018)
- 7.1.2 Asia-Pacific HVDC Transmission System Revenue by Countries (2013-2018)
- 7.1.3 China HVDC Transmission System Sales and Growth Rate (2013-2018)
- 7.1.4 Japan HVDC Transmission System Sales and Growth Rate (2013-2018)
- 7.1.5 Korea HVDC Transmission System Sales and Growth Rate (2013-2018)
- 7.1.6 India HVDC Transmission System Sales and Growth Rate (2013-2018)
- 7.1.7 Southeast Asia HVDC Transmission System Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific HVDC Transmission System Sales and Revenue (Value) by Manufacturers (2016-2017)

- 7.2.1 Asia-Pacific HVDC Transmission System Sales by Manufacturers (2016-2017)
- 7.2.2 Asia-Pacific HVDC Transmission System Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific HVDC Transmission System Sales, Revenue and Market Share by Type (2013-2018)

- 7.3.1 Asia-Pacific HVDC Transmission System Sales and Sales Share by Type (2013-2018)
- 7.3.2 Asia-Pacific HVDC Transmission System Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific HVDC Transmission System Sales, Revenue and Market Share by Application (2013-2018)

- 7.4.1 Asia-Pacific HVDC Transmission System Sales and Sales Share by Application (2013-2018)
- 7.4.2 Asia-Pacific HVDC Transmission System Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA HVDC TRANSMISSION SYSTEM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America HVDC Transmission System Sales, Revenue and Market Share by Countries

- 8.1.1 South America HVDC Transmission System Sales by Countries (2013-2018)
- 8.1.2 South America HVDC Transmission System Revenue by Countries (2013-2018)
- 8.1.3 Brazil HVDC Transmission System Sales and Growth Rate (2013-2018)

- 8.1.4 Argentina HVDC Transmission System Sales and Growth Rate (2013-2018)
- 8.1.5 Colombia HVDC Transmission System Sales and Growth Rate (2013-2018)
- 8.2 South America HVDC Transmission System Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 8.2.1 South America HVDC Transmission System Sales by Manufacturers (2016-2017)
 - 8.2.2 South America HVDC Transmission System Revenue by Manufacturers (2016-2017)
- 8.3 South America HVDC Transmission System Sales, Revenue and Market Share by Type (2013-2018)
 - 8.3.1 South America HVDC Transmission System Sales and Sales Share by Type (2013-2018)
 - 8.3.2 South America HVDC Transmission System Revenue and Revenue Share by Type (2013-2018)
- 8.4 South America HVDC Transmission System Sales, Revenue and Market Share by Application (2013-2018)
 - 8.4.1 South America HVDC Transmission System Sales and Sales Share by Application (2013-2018)
 - 8.4.2 South America HVDC Transmission System Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA HVDC TRANSMISSION SYSTEM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 9.1 Middle East and Africa HVDC Transmission System Sales, Revenue and Market Share by Countries
 - 9.1.1 Middle East and Africa HVDC Transmission System Sales by Countries (2013-2018)
 - 9.1.2 Middle East and Africa HVDC Transmission System Revenue by Countries (2013-2018)
 - 9.1.3 Saudi Arabia HVDC Transmission System Sales and Growth Rate (2013-2018)
 - 9.1.4 UAE HVDC Transmission System Sales and Growth Rate (2013-2018)
 - 9.1.5 Egypt HVDC Transmission System Sales and Growth Rate (2013-2018)
 - 9.1.6 Nigeria HVDC Transmission System Sales and Growth Rate (2013-2018)
 - 9.1.7 South Africa HVDC Transmission System Sales and Growth Rate (2013-2018)
- 9.2 Middle East and Africa HVDC Transmission System Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 9.2.1 Middle East and Africa HVDC Transmission System Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa HVDC Transmission System Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa HVDC Transmission System Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa HVDC Transmission System Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa HVDC Transmission System Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa HVDC Transmission System Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa HVDC Transmission System Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa HVDC Transmission System Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL HVDC TRANSMISSION SYSTEM MARKET SEGMENT BY TYPE

10.1 Global HVDC Transmission System Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global HVDC Transmission System Sales and Market Share by Type (2013-2018)

10.1.2 Global HVDC Transmission System Revenue and Market Share by Type (2013-2018)

10.2 High-power Rating Projects Sales Growth and Price

10.2.1 Global High-power Rating Projects Sales Growth (2013-2018)

10.2.2 Global High-power Rating Projects Price (2013-2018)

10.3 Low power Rating Projects Sales Growth and Price

10.3.1 Global Low power Rating Projects Sales Growth (2013-2018)

10.3.2 Global Low power Rating Projects Price (2013-2018)

11 GLOBAL HVDC TRANSMISSION SYSTEM MARKET SEGMENT BY APPLICATION

11.1 Global HVDC Transmission System Sales Market Share by Application (2013-2018)

11.2 Overhead Transmission Sales Growth (2013-2018)

11.3 Underground Transmission Sales Growth (2013-2018)

11.4 Subsea Transmission Sales Growth (2013-2018)

12 HVDC TRANSMISSION SYSTEM MARKET FORECAST (2018-2023)

12.1 Global HVDC Transmission System Sales, Revenue and Growth Rate (2018-2023)

12.2 HVDC Transmission System Market Forecast by Regions (2018-2023)

12.2.1 North America HVDC Transmission System Market Forecast (2018-2023)

12.2.2 Europe HVDC Transmission System Market Forecast (2018-2023)

12.2.3 Asia-Pacific HVDC Transmission System Market Forecast (2018-2023)

12.2.4 South America HVDC Transmission System Market Forecast (2018-2023)

12.2.5 Middle East and Africa HVDC Transmission System Market Forecast
(2018-2023)

12.3 HVDC Transmission System Market Forecast by Type (2018-2023)

12.3.1 Global HVDC Transmission System Sales Forecast by Type (2018-2023)

12.3.2 Global HVDC Transmission System Market Share Forecast by Type
(2018-2023)

12.4 HVDC Transmission System Market Forecast by Application (2018-2023)

12.4.1 Global HVDC Transmission System Sales Forecast by Application (2018-2023)

12.4.2 Global HVDC Transmission System Market Share Forecast by Application
(2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure HVDC Transmission System Picture

Table Product Specifications of HVDC Transmission System

Figure Global HVDC Transmission System CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global HVDC Transmission System CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of HVDC Transmission System by Types in 2017

Figure High-power Rating Projects Picture

Table Major Manufacturers of High-power Rating Projects

Figure Low power Rating Projects Picture

Table Major Manufacturers of Low power Rating Projects

Figure HVDC Transmission System Sales Market Share by Applications in 2017

Figure Overhead Transmission Picture

Figure Underground Transmission Picture

Figure Subsea Transmission Picture

Figure United States HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Canada HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Germany HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure France HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure UK HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Russia HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Italy HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure China HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Japan HVDC Transmission System Revenue (Value) and Growth Rate (2013-2023)

Figure Korea HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure India HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure Southeast Asia HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure Brazil HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure Egypt HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure Saudi Arabia HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure South Africa HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Figure Nigeria HVDC Transmission System Revenue (Value) and Growth Rate

(2013-2023)

Table ABB Headquarter, Established, Main Business and Finance Overview (2017)

Table ABB HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table ABB HVDC Transmission System Product

Table ABB HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global ABB HVDC Transmission System Sales Market Share in 2017

Figure Global ABB HVDC Transmission System Revenue Market Share in 2017

Table Siemens Headquarter, Established, Main Business and Finance Overview (2017)

Table Siemens HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table Siemens HVDC Transmission System Product

Table Siemens HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Siemens HVDC Transmission System Sales Market Share in 2017

Figure Global Siemens HVDC Transmission System Revenue Market Share in 2017

Table XD Group Headquarter, Established, Main Business and Finance Overview (2017)

Table XD Group HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table XD Group HVDC Transmission System Product

Table XD Group HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global XD Group HVDC Transmission System Sales Market Share in 2017

Figure Global XD Group HVDC Transmission System Revenue Market Share in 2017
Table NR Electric Headquarter, Established, Main Business and Finance Overview (2017)

Table NR Electric HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table NR Electric HVDC Transmission System Product

Table NR Electric HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global NR Electric HVDC Transmission System Sales Market Share in 2017

Figure Global NR Electric HVDC Transmission System Revenue Market Share in 2017

Table GE Grid Solution Headquarter, Established, Main Business and Finance Overview (2017)

Table GE Grid Solution HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table GE Grid Solution HVDC Transmission System Product

Table GE Grid Solution HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global GE Grid Solution HVDC Transmission System Sales Market Share in 2017

Figure Global GE Grid Solution HVDC Transmission System Revenue Market Share in 2017

Table NKT Headquarter, Established, Main Business and Finance Overview (2017)

Table NKT HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table NKT HVDC Transmission System Product

Table NKT HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global NKT HVDC Transmission System Sales Market Share in 2017

Figure Global NKT HVDC Transmission System Revenue Market Share in 2017

Table TBEA Headquarter, Established, Main Business and Finance Overview (2017)

Table TBEA HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table TBEA HVDC Transmission System Product

Table TBEA HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global TBEA HVDC Transmission System Sales Market Share in 2017

Figure Global TBEA HVDC Transmission System Revenue Market Share in 2017

Table Xuji Group Headquarter, Established, Main Business and Finance Overview (2017)

Table Xuji Group HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table Xuji Group HVDC Transmission System Product

Table Xuji Group HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Xuji Group HVDC Transmission System Sales Market Share in 2017

Figure Global Xuji Group HVDC Transmission System Revenue Market Share in 2017

Table Hitachi Headquarter, Established, Main Business and Finance Overview (2017)

Table Hitachi HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table Hitachi HVDC Transmission System Product

Table Hitachi HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Hitachi HVDC Transmission System Sales Market Share in 2017

Figure Global Hitachi HVDC Transmission System Revenue Market Share in 2017

Table Nexans Headquarter, Established, Main Business and Finance Overview (2017)

Table Nexans HVDC Transmission System Production Bases, Sales Regions and Major Competitors

Table Nexans HVDC Transmission System Product

Table Nexans HVDC Transmission System Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Nexans HVDC Transmission System Sales Market Share in 2017

Figure Global Nexans HVDC Transmission System Revenue Market Share in 2017

Table Toshiba

Table Toshiba HVDC Transmission System

Table Mitsubishi Electric

Table Mitsubishi Electric HVDC Transmission System

Table Abengoa

Table Abengoa HVDC Transmission System

Table Global HVDC Transmission System Sales by Manufacturer (2016-2017)

Figure Global HVDC Transmission System Sales Market Share by Manufacturer in 2016

Figure Global HVDC Transmission System Sales Market Share by Manufacturer in 2017

Table Global HVDC Transmission System Revenue by Manufacturer (2016-2017)

Figure Global HVDC Transmission System Revenue Market Share by Manufacturer in 2016

Figure Global HVDC Transmission System Revenue Market Share by Manufacturer in 2017

Table Global HVDC Transmission System Price by Manufacturer (2016-2017)
Figure Top 3 HVDC Transmission System Manufacturer (Revenue) Market Share in 2017
Figure Top 6 HVDC Transmission System Manufacturer (Revenue) Market Share in 2017
Figure Global HVDC Transmission System Sales and Growth Rate (2013-2018)
Figure Global HVDC Transmission System Revenue and Growth Rate (2013-2018)
Table Global HVDC Transmission System Sales by Regions (2013-2018)
Table Global HVDC Transmission System Sales Market Share by Regions (2013-2018)
Table Global HVDC Transmission System Revenue by Regions (2013-2018)
Figure Global HVDC Transmission System Revenue Market Share by Regions in 2013
Figure Global HVDC Transmission System Revenue Market Share by Regions in 2017
Figure North America HVDC Transmission System Sales and Growth Rate (2013-2018)
Figure North America HVDC Transmission System Revenue and Growth Rate (2013-2018)
Figure Europe HVDC Transmission System Sales and Growth Rate (2013-2018)
Figure Europe HVDC Transmission System Revenue and Growth Rate (2013-2018)
Figure Asia-Pacific HVDC Transmission System Sales and Growth Rate (2013-2018)
Figure Asia-Pacific HVDC Transmission System Revenue and Growth Rate (2013-2018)
Figure South America HVDC Transmission System Sales and Growth Rate (2013-2018)
Figure South America HVDC Transmission System Revenue and Growth Rate (2013-2018)
Figure Middle East and Africa HVDC Transmission System Sales and Growth Rate (2013-2018)
Figure Middle East and Africa HVDC Transmission System Revenue and Growth Rate (2013-2018)
Figure North America HVDC Transmission System Revenue and Growth Rate (2013-2018)
Table North America HVDC Transmission System Sales by Countries (2013-2018)
Table North America HVDC Transmission System Sales Market Share by Countries (2013-2018)
Figure North America HVDC Transmission System Sales Market Share by Countries in 2013
Figure North America HVDC Transmission System Sales Market Share by Countries in 2017
Table North America HVDC Transmission System Revenue by Countries (2013-2018)
Table North America HVDC Transmission System Revenue Market Share by Countries (2013-2018)

Figure North America HVDC Transmission System Revenue Market Share by Countries in 2013

Figure North America HVDC Transmission System Revenue Market Share by Countries in 2017

Figure United States HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Canada HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Mexico HVDC Transmission System Sales and Growth Rate (2013-2018)

Table North America HVDC Transmission System Sales by Manufacturer (2016-2017)

Figure North America HVDC Transmission System Sales Market Share by Manufacturer in 2016

Figure North America HVDC Transmission System Sales Market Share by Manufacturer in 2017

Table North America HVDC Transmission System Revenue by Manufacturer (2016-2017)

Figure North America HVDC Transmission System Revenue Market Share by Manufacturer in 2016

Figure North America HVDC Transmission System Revenue Market Share by Manufacturer in 2017

Table North America HVDC Transmission System Sales by Type (2013-2018)

Table North America HVDC Transmission System Sales Share by Type (2013-2018)

Table North America HVDC Transmission System Revenue by Type (2013-2018)

Table North America HVDC Transmission System Revenue Share by Type (2013-2018)

Table North America HVDC Transmission System Sales by Application (2013-2018)

Table North America HVDC Transmission System Sales Share by Application (2013-2018)

Table North America HVDC Transmission System Revenue by Application (2013-2018)

Table North America HVDC Transmission System Revenue Share by Application (2013-2018)

Figure Europe HVDC Transmission System Revenue and Growth Rate (2013-2018)

Table Europe HVDC Transmission System Sales by Countries (2013-2018)

Table Europe HVDC Transmission System Sales Market Share by Countries (2013-2018)

Table Europe HVDC Transmission System Revenue by Countries (2013-2018)

Figure Europe HVDC Transmission System Revenue Market Share by Countries in 2016

Figure Europe HVDC Transmission System Revenue Market Share by Countries in 2017

Figure Germany HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure UK HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure France HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Russia HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Italy HVDC Transmission System Sales and Growth Rate (2013-2018)

Table Europe HVDC Transmission System Sales by Manufacturer (2016-2017)

Figure Europe HVDC Transmission System Sales Market Share by Manufacturer in 2016

Figure Europe HVDC Transmission System Sales Market Share by Manufacturer in 2017

Table Europe HVDC Transmission System Revenue by Manufacturer (2016-2017)

Figure Europe HVDC Transmission System Revenue Market Share by Manufacturer in 2016

Figure Europe HVDC Transmission System Revenue Market Share by Manufacturer in 2017

Table Europe HVDC Transmission System Sales by Type (2013-2018)

Table Europe HVDC Transmission System Sales Share by Type (2013-2018)

Table Europe HVDC Transmission System Revenue by Type (2013-2018)

Table Europe HVDC Transmission System Revenue Share by Type (2013-2018)

Table Europe HVDC Transmission System Sales by Application (2013-2018)

Table Europe HVDC Transmission System Sales Share by Application (2013-2018)

Table Europe HVDC Transmission System Revenue by Application (2013-2018)

Table Europe HVDC Transmission System Revenue Share by Application (2013-2018)

Figure Asia-Pacific HVDC Transmission System Revenue and Growth Rate (2013-2018)

Table Asia-Pacific HVDC Transmission System Sales by Countries (2013-2018)

Table Asia-Pacific HVDC Transmission System Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific HVDC Transmission System Sales Market Share by Countries 2017

Table Asia-Pacific HVDC Transmission System Revenue by Countries (2013-2018)

Figure Asia-Pacific HVDC Transmission System Revenue Market Share by Countries 2017

Figure China HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Japan HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Korea HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure India HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Southeast Asia HVDC Transmission System Sales and Growth Rate (2013-2018)

Table Asia-Pacific HVDC Transmission System Sales by Manufacturer (2016-2017)

Figure Asia-Pacific HVDC Transmission System Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific HVDC Transmission System Sales Market Share by Manufacturer in 2017

Table Asia-Pacific HVDC Transmission System Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific HVDC Transmission System Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific HVDC Transmission System Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific HVDC Transmission System Sales by Type (2013-2018)

Table Asia-Pacific HVDC Transmission System Sales Share by Type (2013-2018)

Table Asia-Pacific HVDC Transmission System Revenue by Type (2013-2018)

Table Asia-Pacific HVDC Transmission System Revenue Share by Type (2013-2018)

Table Asia-Pacific HVDC Transmission System Sales by Application (2013-2018)

Table Asia-Pacific HVDC Transmission System Sales Share by Application (2013-2018)

Table Asia-Pacific HVDC Transmission System Revenue by Application (2013-2018)

Table Asia-Pacific HVDC Transmission System Revenue Share by Application (2013-2018)

Figure South America HVDC Transmission System Revenue and Growth Rate (2013-2018)

Table South America HVDC Transmission System Sales by Countries (2013-2018)

Table South America HVDC Transmission System Sales Market Share by Countries (2013-2018)

Figure South America HVDC Transmission System Sales Market Share by Countries in 2017

Table South America HVDC Transmission System Revenue by Countries (2013-2018)

Table South America HVDC Transmission System Revenue Market Share by Countries (2013-2018)

Figure South America HVDC Transmission System Revenue Market Share by Countries in 2017

Figure Brazil HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Argentina HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Colombia HVDC Transmission System Sales and Growth Rate (2013-2018)

Table South America HVDC Transmission System Sales by Manufacturer (2016-2017)

Figure South America HVDC Transmission System Sales Market Share by Manufacturer in 2016

Figure South America HVDC Transmission System Sales Market Share by Manufacturer in 2017

Table South America HVDC Transmission System Revenue by Manufacturer (2016-2017)

Figure South America HVDC Transmission System Revenue Market Share by

Manufacturer in 2016

Figure South America HVDC Transmission System Revenue Market Share by Manufacturer in 2017

Table South America HVDC Transmission System Sales by Type (2013-2018)

Table South America HVDC Transmission System Sales Share by Type (2013-2018)

Table South America HVDC Transmission System Revenue by Type (2013-2018)

Table South America HVDC Transmission System Revenue Share by Type (2013-2018)

Table South America HVDC Transmission System Sales by Application (2013-2018)

Table South America HVDC Transmission System Sales Share by Application (2013-2018)

Table South America HVDC Transmission System Revenue by Application (2013-2018)

Table South America HVDC Transmission System Revenue Share by Application (2013-2018)

Figure Middle East and Africa HVDC Transmission System Revenue and Growth Rate (2013-2018)

Table Middle East and Africa HVDC Transmission System Sales by Countries (2013-2018)

Table Middle East and Africa HVDC Transmission System Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa HVDC Transmission System Sales Market Share by Countries in 2017

Table Middle East and Africa HVDC Transmission System Revenue by Countries (2013-2018)

Table Middle East and Africa HVDC Transmission System Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa HVDC Transmission System Revenue Market Share by Countries in 2013

Figure Middle East and Africa HVDC Transmission System Revenue Market Share by Countries in 2017

Figure Saudi Arabia HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure UAE HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Egypt HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure Nigeria HVDC Transmission System Sales and Growth Rate (2013-2018)

Figure South Africa HVDC Transmission System Sales and Growth Rate (2013-2018)

Table Middle East and Africa HVDC Transmission System Sales by Manufacturer (2016-2017)

Figure Middle East and Africa HVDC Transmission System Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa HVDC Transmission System Sales Market Share by Manufacturer in 2017

Table Middle East and Africa HVDC Transmission System Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa HVDC Transmission System Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa HVDC Transmission System Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa HVDC Transmission System Sales by Type (2013-2018)

Table Middle East and Africa HVDC Transmission System Sales Share by Type (2013-2018)

Table Middle East and Africa HVDC Transmission System Revenue by Type (2013-2018)

Table Middle East and Africa HVDC Transmission System Revenue Share by Type (2013-2018)

Table Middle East and Africa HVDC Transmission System Sales by Application (2013-2018)

Table Middle East and Africa HVDC Transmission System Sales Share by Application (2013-2018)

Table Middle East and Africa HVDC Transmission System Revenue by Application (2013-2018)

Table Middle East and Africa HVDC Transmission System Revenue Share by Application (2013-2018)

Table Global HVDC Transmission System Sales by Type (2013-2018)

Table Global HVDC Transmission System Sales Share by Type (2013-2018)

Table Global HVDC Transmission System Revenue by Type (2013-2018)

Table Global HVDC Transmission System Revenue Share by Type (2013-2018)

Figure Global High-power Rating Projects Sales Growth (2013-2018)

Figure Global High-power Rating Projects Price (2013-2018)

Figure Global Low power Rating Projects Sales Growth (2013-2018)

Figure Global Low power Rating Projects Price (2013-2018)

Table Global HVDC Transmission System Sales by Application (2013-2018)

Table Global HVDC Transmission System Sales Share by Application (2013-2018)

Figure Global Overhead Transmission Sales Growth (2013-2018)

Figure Global Underground Transmission Sales Growth (2013-2018)

Figure Global Subsea Transmission Sales Growth (2013-2018)

Figure Global HVDC Transmission System Sales, Revenue and Growth Rate (2018-2023)

Table Global HVDC Transmission System Sales Forecast by Regions (2018-2023)

Table Global HVDC Transmission System Market Share Forecast by Regions
(2018-2023)

Figure North America Sales HVDC Transmission System Market Forecast (2018-2023)

Figure Europe Sales HVDC Transmission System Market Forecast (2018-2023)

Figure Asia-Pacific Sales HVDC Transmission System Market Forecast (2018-2023)

Figure South America Sales HVDC Transmission System Market Forecast (2018-2023)

Figure Middle East and Africa Sales HVDC Transmission System Market Forecast
(2018-2023)

Table Global HVDC Transmission System Sales Forecast by Type (2018-2023)

Table Global HVDC Transmission System Market Share Forecast by Type (2018-2023)

Table Global HVDC Transmission System Sales Forecast by Application (2018-2023)

Table Global HVDC Transmission System Market Share Forecast by Application
(2018-2023)

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