

# HVDC Transmission Systems 2018 Global Market Expected to Grow at CAGR of 15.58% and Forecast to 2022

*Wiseguyreports.Com Publish Market Research Report On -"HVDC Transmission Systems Market - Global Analysis, Size, Share, Trends, Growth and Forecast 2018 - 2023"*

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## [High Voltage Direct Current \(HVDC\) Transmission Systems Market 2017](#)

Power is mainly generated, distributed, and consumed as AC. However, in power generation techniques, such as offshore wind farms and hydroelectricity, using AC system and lines for transmission of power over long distances of more than 600 km becomes uneconomical. This is due to the high-power losses and increasing costs of overhead lines. The increasing demand for power for commercial and residential use and the need to address the problem regarding power shortage have resulted in the supply of high voltage current from power generating sources to the destination. Thus, HVDC systems are being adopted, as these are economical owing to reduced power loss and overall cost for large distance transmission compared with AC lines. The high voltage transmission of electricity in the form of DC over a long distance by means of underground cables, overhead transmission line or grid interconnection is the HVDC transmission system.

The analysts forecast the global high voltage direct current (HVDC) transmission systems market to grow at a CAGR of 15.58% during the period 2017-2021.

### Covered in this report

The report covers the present scenario and the growth prospects of the global high voltage direct current (HVDC) transmission systems market for 2017-2021. To calculate the market size, the report considers the revenue generation through new installation of HVDC lines and services.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

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The report, Global High Voltage Direct Current (HVDC) Transmission Systems Market 2017-2021, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors

- ABB
- GE Grid Solutions
- Hitachi
- Mitsubishi Electric Corporation
- Siemens AG

#### Other prominent vendors

- Nexans
- NKT
- Toshiba
- NR Electric
- Prysmian Group
- American Semiconductor
- TransGrid Solutions
- HVDC Technologies
- ATCO Electric
- LSIS

#### Market driver

- Optimal solution for long distance transmission
- For a full, detailed list, view our report

#### Market challenge

- High capital investments needed for installation of HVDC substation
- For a full, detailed list, view our report

#### Market trend

- Emerging hybrid HVDC circuit breaker
- For a full, detailed list, view our report

#### Key questions answered in this report

- What will the market size be in 2021 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?

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- ABB
- GE Grid Solutions
- Hitachi
- Mitsubishi Electric Corporation
- Siemens
- .....Continued

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