

High Voltage Direct Current (HVDC) Capacitor Market - Forecasts from 2016 to 2021

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Abstracts

Global HVDC Capacitor Market is expected to grow at a CAGR of 11.42% over the forecast period to reach US\$7.713 billion by 2021, from US\$4.032 billion in 2015. Increasing demand for electricity is one of the major factors driving the growth of this market globally. Factors such as reduction in transmission losses during bulk power transmission over long distances, supportive government regulations for energy trade and power grid interconnection, and advancement in technology are further fueling the global demand these capacitors. There exists a great opportunity for the growth of HVDC Capacitor market in the renewable energy sector due to rising number of offshore transmission in the form of wind farms and solar panels. Europe and Asia-Pacific regions are projected to witness a high growth due to increasing investment and development of power transmission networks. However, the growth of global HVDC Capacitor market is hindered by factors such as greater infrastructure and installation costs, coupled with low standardization of the technology.

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentations which have been covered as part of the report.

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of HVDC Capacitors. Complete industry analysis has also been covered by Porter's Five Forces model as a part of this report section.

Thirdly, HVDC Capacitor market has been segmented by type, application, technology, and geography. On the basis of types of HVDC Capacitor, the market is segmented as aluminum, ceramic, plastic film, mica, and others. By application, the segmentation has been done as manufacturing, military and defense, energy and power among others. By technology, HVDC market has been segmented as line commutated converter (LCC), voltage source converter (VSC), and others as a part of this report.

Important regions for vendors in terms of market size are covered through detailed geographical segmentation and country Pressure forecasts. Geographical regions covered as a part of this section are Americas, Europe Middle East and Africa, and Asia Pacific.

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry player profiles as part of this section are Siemens AG, Epcos AG, Alstom, ABB Ltd, and Transgrid Solutions among other companies.

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