

HVDC Capacitor Market to Grow at a 15.19% CAGR Forecast to 2022

HVDC Capacitor Market Share, Trend, Segmentation and Forecast to 2022

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/EINPresswire.com/ -- Global [HVDC capacitor](#) market is forecasted to grow at 15.19% CAGR and reach \$4.36 billion by 2020. The rising demand for electricity has placed huge pressure on the current power generation infrastructure. Besides power generation, transmission loss is also one of the key concerns because enormous transmission losses are being incurred by the existing AC transmission. Hence, HVDC transmission has become an interesting substitute across the globe due to its asynchronous interconnection, low transmission losses, and the capability to deliver bulk power for long distance transmissions. The declining technology cost and growing government incentives is aiding the implementation of the HVDC technology.

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The overall HVDC capacitors are anticipated to continue to occupy a substantial share of the global capacitor industry and will be a high growth market in the years to come. There are abundant opportunities for existing players as well as for new entrants to innovate and distinguish the products in price and design, mainly for niche application segments. Developed economies, such as the U.S., the U.K, Germany, and so on, have been concentrating on improving and substituting the present power infrastructure. Many countries in the Asia-Pacific & European regions are belligerently planning to incorporate renewable energy sources, such as wind and solar energy, in power grids. This will bolster the adoption of HVDC systems across the globe.

Major drivers for the development of the HVDC capacitor market are need for improved stability, supportive government regulations, and low transmission losses in the current power infrastructure along with demand driven by smaller, niche end-user segments. However, there are some restraining elements for the market, such as high infrastructure cost and absence of standardization. The HVDC capacitor industry is rising rapidly due to the progress of infrastructure and automation.

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Market segmentation is done on the basis of Installation Type, Technology, Product Type, Application and Geography. According to Technology the market is bifurcated into Line Commutated Converters (LCC) and Voltage-Sourced Converters (VSC). Currently, Line Commutated Converter (LCC) technology has the major share in the market and Market openings for the Voltage Source Converter (VSC) technology, which is more compact and facilitates renewable energy, are estimated to increase over the next few years. HVDC capacitors have many applications in commercial, energy and power, industrial, defence, and other sectors. On the basis of product type, segmentation is done into reconstituted mica capacitors, plastic film capacitors, ceramic capacitors, aluminium electrolytic capacitors, tantalum wet capacitors, and glass capacitors. Geographically, the Global Bluetooth Led Bulb Market has been segmented into five regions, namely, North America, Europe, Asia-Pacific, Middle East and Africa (MEA) and Latin America.

Major players in this industry include ABB Ltd., Epcos AG, Siemens, Alstom SA, Toshiba, and others.

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