

# Flexible AC Transmission Systems (FACTS) - Global Market Outlook (2016-2022)

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## Abstracts

According to Statistics MRC, the Global Flexible AC Transmission Systems (FACTS) market is estimated at \$1.01 billion in 2015 and is expected to reach \$1.56 billion by 2022 growing at a CAGR of 6.4% from 2015 to 2022. Government initiatives for flexible AC transmission systems (FACTS) implementation and rising demand for voltage and power control solutions are some of the key factors fueling the market growth. Whereas low awareness and high installation costs are the factors hampering the market. Adoption in renewable source of power generation is opportunity factor for market growth.

Electric Utilities in Vertical segment holds the lucrative share and is expected to move with highest CAGR during forecast period owing to rise in demand for electronic devices. Static var compensator (SVC) of shunt compensation segment holds the largest share. North America accounted for highest share owing to increase in smart grid projects in Canada and United States. Asia Pacific is anticipated to grow at highest CAGR during forecast period owing to increase in government support and renewable power sources in countries like India, Japan and China.

Some of the key players in the market include General Electric, NR Electric Co., Ltd., Crompton Greaves, ABB Ltd., Adani Power, Corpoelec, Quanta Technology, Mitsubishi Electric Corporation, Hyosung, Beta Engineering, Siemens AG, America Superconductor Corporation,

Eaton Corporation PLC, Nampower, American Electric Power, Toshiba, Alstom, Xian Electric Engineering and Electranix.

## Applications Covered:

Dynamic State Applications

Steady State Applications

Component Types Covered:

Phase-Shifting Transformers (PST)

Protection and Control Systems

Power Electronics Devices

Gis Switchgear

Thyristors

Capacitor Banks

Surge Arresters

Reactors

Verticals Covered:

Oil & Gas

Electric Utilities

Renewables

Solar Farms

Wind Power Grids

Offshore Sea Cables

Onshore

Industrial

Mining

Steel

Railways

#### Compensation Types Covered:

Series Compensation

Thyristor Series Capacitor

FSC (Fixed Series Capacitor)

Recent Technological Developments in FACTS Market

Generalized Unified Power Flow Controller(GUPFC)

Csc (Convertible Synchronous Compensator)

Static Synchronous Series Compensator (SSSC)

Thyristor Protected Series Capacitor (TPSC)

Shunt Compensation

Static Var Compensator (SVC)

Static Synchronous Compensator (Statcom)

Combined Series and Shunt Compensation

Interline Power Flow Controller (IPFC)

Unified Power Flow Controller (UPFC)

## **Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

**What our report offers:**

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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