

GLOBAL ELECTRICITY TRANSMISSION REPORT AND DATABASE 2018-2027

Global Transmission Research's fourth edition of the Global Electricity Transmission Report analyses the growth and investment opportunities in the high voltage electricity transmission sectors of 100 countries. Further, it includes the key developments and trends, latest data and statistics (from 2006 to 2017), and offer growth projections up to 2027. The report focuses on the high-voltage transmission segment of 110 kV and above levels.

The report has three distinct sections and is presented in PowerPoint (PDF format) and Excel database formats. The data and analysis is presented through insightful graphs, figures and tables.

Part 1 of the report provides analysis of the existing state of, and the expected opportunities in, the global high voltage electricity transmission industry. It also examines the developments and trends shaping the industry and discusses the key growth drivers and challenges. In addition, it provides expected growth and outlook for the industry.

Part 2 of the report provides detailed profiles of 100 countries. These countries are organised into six regions: North America, Latin America, Asia, Europe, the Middle East and Africa. Each section mentions a regional analysis on the key developments and the growth opportunities in that region. The report covers two countries in North America, 11 countries in Latin America, 35 countries in Europe, 20 countries in Asia, 13 countries in Africa and 8 countries in the Middle East.

Each country's profile provides data and analysis on:

- Industry structure and key players
- Existing generation capacity and production
- Expected demand and addition to generation capacity
- Existing transmission network and capacity
 - Line length by voltage level, technology (AC and DC) and by type of line (overhead, underground and undersea)
 - Transformer capacity
 - Number of substations/transformers
 - Line length of key transmission companies
- Expected growth in transmission network and capacity
 - Expected growth in line length by voltage level, technology (AC and DC) and by type of line (overhead, underground and undersea)
 - Expected growth in transformer capacity
 - Expected investment in transmission network

Part 3 of the report is an Excel database and provides:

- Detailed data and statistics for 2006-2017, and projections up to 2027 for each country in a tabular format
- List of key electricity transmission projects planned for each country

This report and database are indispensable for any organisation interested in the global high voltage transmission industry - utilities, system operators, equipment manufacturers and suppliers, EPC contractors, service and technology providers, investors/lenders, research organisations, industry consultants, regulatory agencies, development institutions, etc.

The package is priced at USD5,000.

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PART 3: EXCEL DATABASE

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3.2	List of key transmission line projects by region and by country

Sources and Methodology

Global Transmission Research's industry analysts have utilised various primary and secondary research sources in preparing this report. Primary sources include data and statistics obtained through email questionnaires sent to various utilities, transmission companies, transmission system operators and industry regulators. Extensive secondary research has been conducted by our analysts and research associates. These secondary sources include, but are not limited to, websites of utilities; annual reports and financial reports of utilities; investor presentations; analyst reports; government documents, plans and statistical databases; websites of relevant ministries and regulators; websites of relevant industry associations; internal and external proprietary databases; news articles; and press reports. Wherever applicable, all research sources are appropriately cited within this report.

These primary and secondary research sources, combined with our industry expertise, have been synthesised into qualitative and quantitative analysis which has been presented in this report.

The data and statistics for the years 2006 to 2017 are actual figures obtained from the concerned utilities and ministries. In a few cases, where data is not yet available, we have used estimates based on information obtained from press reports or those based on past growth trends. For expected addition to generation and transmission capacity, we have extensively researched the plan documents of various utilities and governments. Wherever these plans are not available, we have derived the projections based on past growth trends or based on new projects planned by the utilities.

Great care has been taken to ensure that all analysis is well supported by facts. Where facts were not available and assumptions were made, we have explained our assumptions and our methods of estimation.

About the Publishers

Global Transmission Research is a leading provider of information and analysis on the global electricity transmission industry. It publishes **Global Transmission Report** (a monthly newsletter) and **Global Transmission Weekly** (a weekly update). It also operates the **www.globaltransmission.info** website.

Through these products, it keeps the industry informed on all the key developments, trends and issues in the sector. It tracks major projects, contracts and investments. It profiles leading transmission system operators. It reports on regulatory initiatives and examines their implementation. It provides the latest data and statistics. It also offers a forum for the views and perspectives of top industry experts and players.

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