

ASIA PACIFIC ELECTRICITY TRANSMISSION REPORT AND DATABASE, 2025-34

The first edition of the **Asia Pacific Electricity Transmission Report and Database** will be released in June 2025. The comprehensive report will analyse growth and investment opportunities in the high-voltage electricity transmission sector (110 kV and above levels) across 18 countries. It will feature key developments, trends, and the latest data and statistics from 2006 to 2024, as well as growth projections up to 2034.

The report will have five distinct sections.

Part 1 will include an introduction to the report and an Executive Summary highlighting key findings.

Part 2 will analyse the performance of the Asia Pacific high-voltage electricity transmission industry over the past decade, along with forecasts and expected growth for 2025–2034. It will examine the key developments and trends influencing the industry, identify the main growth drivers, and provide an outlook for the sector.

Part 3 will offer detailed profiles of the 18 countries, each containing the following data and analysis:

- Industry and institutional structure
- Historical generation capacity and production (2006–2024)
- Forecasted demand and generation capacity additions (2025–2034)
- Transmission network and capacity (2006–2024)
 - Line length by voltage level, technology (AC and DC), and by type of line (overhead, underground, and undersea)

Part 1–4 will be in a PowerPoint format (converted to PDF) and Part 5 will be an Excel database.

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 institutions, industry consultants, regulatory agencies, development institutions, etc.

The package is priced at USD2,500. There is also a special discount – the price is USD2,125 (15% per cent discount) for orders and payments received on or before April 30, 2025.

The report is available in PDF format and database in Excel.

- Transformer capacity
- Transmission network details of key transmission companies
- Forecasted growth in transmission network and capacity (2025–2034)
 - Forecasts for line length by voltage, technology (AC and DC), and by type of line (overhead, underground, and undersea)
 - Forecasts for transformer capacity
- Forecasted investment in the transmission network

Part 4 will provide sources, methodology and list of abbreviations.

Part 5 of the report will be a detailed database containing data and statistics at both the regional and country levels for 2006–2024, along with forecasts for 2025–2034, presented in a tabular format.

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Detailed regional and country-level data and statistics for 2006–2024 and forecasts for 2025–2034

Sources and Methodology

Global Transmission Research's industry analysts will utilise 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 will be 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 will be appropriately cited within this report.

These primary and secondary research sources, combined with our industry expertise, will be synthesised into qualitative and quantitative analysis which will be presented in this report. The data and statistics for the years 2006 to 2024 will be actual figures obtained from the concerned utilities and ministries. In a few cases, where data is not be available, we will use estimates based on information obtained from press reports or those based on past growth trends. For forecasted growth in generation and transmission capacity, we will extensively research the plan documents of various utilities and governments. Wherever these plans are not available, we will estimate the forecast based on past growth trends or based on new projects planned by the utilities.

About the Publishers

Global Transmission Research is a leading provider of information and analysis on the global electricity transmission industry. We publish newsletters and reports. We also organise conferences on crucial issues and topical themes relevant to the transmission industry. We publish the Global Transmission Report (a monthly newsletter) and the Global Transmission Weekly (a weekly update). We also operate the website www.globaltransmission.info. These products and services provide information on all the key developments, trends and issues in the sector. We have published several industry-focused research studies such as the Global High Voltage Transmission Line Projects Report, Global Electricity Transmission Equipment Market Report, Global Electricity TSO Profiles Report, etc.

Our Clients

Our clients include leading industry players across the world, both operators and technology providers such as AcierProfilé SBB Inc., AIC-USA, Alberta Electric, Alstom, AltaLink, AMEC, AREVA, ASTER, Axpo AG, Balfour Beatty, BCG, Brookfield, CIMA+, Copperbelt Energy, Crompton Greaves, CTEEP, Doble Engineering, Dow Chemicals, EDF, EFACEC Energia SA, EirGrid, Elia Engineering, Enginet, Energostroylnadka, Eskom, European Investment Bank, G&W Electric, GE Energy, Global Insulator Group, Hatch, Hitachi Energy, HSP Hochspannungsgeräte GmbH, Hyosung, ILJIN Electric Co., International Energy Agency, InterconexionEléctrica, Israel Electric, KEC International, LOCWELD, Maxwell Technologies, Micafil, Mott MacDonald, Nexans, Nexant, PFISTERER, PJM Interconnection, Powergrid, Pöyry Energy, PPC Insulators, RED ELECTRICA ESPAÑA, Reliance Energy, Richard Bergner Elektroarmaturen, RTE, SCLE SFE, Shanghai (MWB), Siemens, SNC Lavalin, SO UPS JSC, Statnett, Sterlite, Suez-Tractebel, Suzlon, Swissgrid AG, Tata Power, Terna, Teshmont, Tesmec S.P.A., TradeWind Energy, Trench Group, WORLDENERGY SA and Xcel Energy.

Order Form

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