

ASEAN ELECTRICITY TRANSMISSION REPORT, 2025-34

The 1st edition of the ASEAN Electricity Transmission Report will analyse the growth and investment opportunities in the high-voltage electricity transmission sectors of eight ASEAN countries. It will include key trends, developments, latest data, and statistics (from 2015 to 2024), and offer growth projections up to 2034. The report will focus on the high-voltage transmission segment of 110 kV and above levels.

The report will have five distinct sections.

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

Part 2 of the report will analyze the performance of ASEAN's electricity generation and transmission sectors over the past decade. It will examine the electricity industry structure in each country and evaluate the key developments and trends shaping the sector. In addition, the analyses of the industry's performance and growth will be based on:

- Generation capacity trends, 2015 to 2024
- Production and Consumption trends, 2015 to 2024
- Transmission network and capacity for 2015 to 2024
 - Line length by voltage level
 - Transformer capacity
 - Number of substations/transformers

Part 3 will present forecasts and expected growth of ASEAN electricity generation and transmission sectors for the period 2025-34. It will examine the key growth drivers, and will provide

an outlook and forecast for the ASEAN region. The power sector forecast will include:

- Forecasted demand and addition to generation capacity by 2034
- Forecasted growth in transmission network and capacity by 2034
 - Line length by voltage
 - Transformer capacity
- Forecasted investment in the transmission network
- Major transmission projects
 - Key national projects
 - Cross-border projects

Part 4 of the report will comprise the appendix and provide sources, methodology, and a list of abbreviations.

Part 5 of the report will comprise a database with detailed data and statistics since 2015, and forecasts for the period 2025-34 in a tabular format.

Part 1-4 of the report will be available in a PowerPoint format (converted to PDF) and Part 5 will be an Excel database.

This report and database will be 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 institutes, industry consultants, regulatory agencies, etc.

The report will be released in March 2025. It will be available in a PPT and Excel database format.

The report is priced at USD1,500. There is a special “early bird” discount. The price of the report is USD1,125 (25 per cent discount) for orders and payments received on or before January 22, 2025 and USD1,313 (12.5 per cent discount) for orders and payments received on or before February 20, 2025.

For further inquires, please contact:

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Sources and Methodology

Global Transmission Research's industry analysts will utilize various primary and secondary research sources to prepare this report. Primary sources will include data and statistics obtained through email questionnaires sent to utilities, transmission companies, transmission system operators, and industry regulators. Extensive secondary research will also be conducted by our analysts and research associates. These secondary sources will include, but are not limited to, the websites of utilities, annual and financial reports of utilities, investor presentations, analyst reports, government documents, plans and statistical databases, websites of relevant ministries and regulators, websites of 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 synthesized into a qualitative and quantitative analysis presented in this report. The data and statistics for the years 2015 to 2024 will consist of actual figures obtained from the relevant utilities and ministries. In cases where data is unavailable, we will use estimates derived from press reports or historical growth trends. For expected additions to generation and transmission capacity, we will extensively research the plan documents of various utilities and governments. Where such plans are unavailable, projections will be derived from historical growth trends or new projects announced by the utilities.

Great care will be taken to ensure that all analyses are well-supported by facts. Where facts are unavailable and assumptions are made, we will clearly explain our assumptions and methods of estimation.

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 Acier ProfiléSBB 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, Energinet, Energostroyaladka, 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, Interconexion Eléctrica, 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

Report	Price on or before January 22, 2025	Price on or before February 20, 2025	Standard price
ASEAN Electricity Transmission Report, 2025-34	USD1,125	USD1,313	USD1,500

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