

GLOBAL ELECTRICITY TSO PROFILES AND BENCHMARKING DATABASE & REPORT 2026

Global Transmission Research has launched the “new and improved” **Global Electricity TSO Profiles and Benchmarking Database & Report (GETSO)**.

This will be the seventh edition of the report, scheduled for release in May 2026.

The improvements, which are actually significant enhancements, include:

- A continuously updated database (every month) providing you with the most current and updated information (vs a one-off database updated once a year)
- Access via Amazon Quick Sight (Quick Suite) platform, with a wide range of business intelligence (BI) and artificial intelligence (AI) tools, enabling extensive analysis, customised dashboards and scenario-building. (However, the clients will have the option to receive an offline database in Excel.)

The database will provide detailed profiles of over 200 transmission system operators (TSOs) and developers in over 95 countries in six regions — North America, Latin America, Asia, Europe, the Middle East, and Africa. Each profile will provide historical data from 2019 to 2025 and future projections up to 2035.

The database will have detailed information and data on:

- Size and growth in the transmission network, 2019-25
 - Line length, by voltage
 - Substation capacity, by voltage
 - Number of substations/transformers, by voltage
- Operational indicators, 2019-25
 - Annual transmitted electricity
 - Total unserved power transmission per year
 - Network availability
 - Transmission losses
 - Average interruption time
 - T-SAIFI
 - T-SAIDI
- Financial indicators, 2019-25
 - Revenue
 - Net income
 - Capex/Investment in the transmission network
 - Operational expenditure
 - Return on equity
 - Debt to equity ratio
 - Profit margin
- Future plans and investment, 2026-35
 - Expected trends in network expansion
 - Expected capex/investment
 - Key planned projects
 - Key contacts

As in previous editions, the database will be accompanied by an executive report covering the following:

- Key trends and recent developments in the transmission market, including analysis of historical network growth, evaluation of operational performance (such as transmission losses, T-SAIFI, and T-SAIDI), and assessment of the financial performance of TSOs, including revenue, net profit, return on equity, debt-equity ratio, and profit margins.
- Analysis of future network expansion trends from 2026 to 2035, along with a review of past and planned capital expenditure programmes of leading TSOs.

While the executive report will be published once a year, the database will be updated monthly.

These upgrades will make our database/report an even more powerful tool for your strategic planning and investment decisions.

The annual subscription fee is USD 6,000.

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Website: www.globaltransmission.info

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Each TSO profile will have information and data on:

- Size and growth in the transmission network, 2019-25
 - Line length, by voltage
 - Substation capacity, by voltage
 - Number of substations/transformers
- Operational indicators, 2019-25
 - Annual transmitted electricity
 - Total unserved power transmission per year
 - Network availability
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- ATCO
- BC Hydro
- Emera Incorporated
- ENMAX Power Corporation
- Hydro One
- Hydro-Québec
- Manitoba Hydro
- Nalcor Energy
- New Brunswick Power (NB Power)
- Nova Scotia Power Incorporated (NSPI)
- SaskPower

6.1.2 USA

- Ameren Corporation
- American Electric Power (AEP)
- American Transmission Company (ATC)
- Bonneville Power Administration (BPA)
- CentrePoint Energy
- Consolidated Edison (ConEd)
- Dominion Resource
- Duke Energy
- Entergy Corporation
- Eversource Energy (Northeast Utilities earlier)
- Exelon Corporation
- FirstEnergy Corporation
- ITC Holdings
- MidAmerican Energy Company
- National Grid USA
- New York Power Authority (NYPA)
- NextEra Energy
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- 6.2.2 Bolivia
 - Empresa Nacional de Electricidad (ENDE)
 - ENDE Transmission
 - ISA Bolivia S.A. (ISA Bolivia)
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 - Companhia Hidro Elétrica do São Francisco (Chesf)
 - Companhia Energetica de Minas Gerais (Cemig)
 - Companhia Estadual de Transmissão Energia Elétrica SA (CEEE-T)
 - Companhia de Transmissão de Energia Elétrica Paulista (CTEEP)
 - Copel Geração e Transmissão S.A. (Copel GeT)
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 - Centrais Elétricas do Norte do Brasil S.A. (Eletronorte)
 - Companhia de Geração e Transmissão de Energia Elétrica do Sul do Brasil (CGT Eletrosul)
 - Furnas Centrais Elétricas S.A. (Furnas)
 - State Grid Brazil Holding S.A. (SGBH)
 - Transmissora Aliança de Energia Elétrica SA (TAESA)
- 6.2.4 Chile
 - AES Gener S.A.
 - ENGIE Energía Chile S.A
 - Transelec S.A.
 - Sociedad Austral de Electricidad S.A. (SAESA)
- 6.2.5 Colombia
 - Grupo Energía Bogotá (GEB)
 - Celsia Colombia S.A. E.S.P
 - Empresas Públicas de Medellín E.S.P. (EPM)
 - Interconexión Eléctrica S.A. (ISA)
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- 6.2.6 Costa Rica
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 - Powergrid Corporation of India Limited (POWERGRID)
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- Adani Power Transmission (APL)	- TINETZ-Tiroler Netze GmbH
- Sterlite Power Transmission Limited (SPTL)	- Vorarlberg Übertragungsnetz GmbH (VÜN)
6.3.6 Indonesia	6.4.2 Belgium
- Perusahaan Listrik Negara (PLN)	- Elia System Operator SA (Elia)
6.3.7 Japan	6.4.3 Bosnia
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- Chugoku Electric Power Company, Inc	6.3.4 Bulgaria
- Hokkaido Electric Power Network Company Limited	- Electricity System Operator (ESO)
- Hokuriku Electric Power Company, Inc	6.3.5 Croatia
- J-POWER (Electric Power Development Company Limited)	- Hrvatskog operatora prijenosnog sustava d.o.o. (HOPS)
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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 telephone and 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 the qualitative and quantitative analysis which has been presented in this report.

Wherever possible, the data and statistics for years 2019 to 2025 are actual figures obtained from the concerned utilities and ministries. In a few cases, where this data was not available, we have used estimates based on information obtained from press/analyst reports or those based on past growth trends. For analysis of the expected network addition and planned investment, we have extensively researched the plan documents of various utilities and governments. Wherever these plans were not available, we have derived the projections based on past growth trends or based on projects planned by the utilities. The future capital expenditure investment numbers include investments on both new build and renovation and modernisation projects.

Also, in several countries, updated transmission plans were released in 2025 with revised investment figures. Hence the expected investment numbers mentioned in this report may vary from investment numbers mentioned in our previous reports. To ensure comparability of financial ratios across TSOs, we have adopted specific formulae for estimating these ratios for all utilities. Hence, the financial ratios estimated in the report may not match with those mentioned by utilities in their annual/financial reports. In some cases, totals may not match due to data being rounded off.

Great care has been taken to ensure that all analysis is well supported by facts. Where facts are not available and assumptions are 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. 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 Electricity Transmission Report, 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 **ABB, 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, Energinet, Energostroyaladka, Eskom, European Investment Bank, G&W Electric, GE Energy, Global Insulator Group, Hatch, HSP Hochspannungsgeräte GmbH, Hyosung, ILJIN Electric Co., International Energy Agency, InterconexionElectrica, 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.**

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