EV Charging Infrastructure in the US Report

Electric vehicles (EVs) are envisioned to dominate the US mobility market very soon. The Federal government has set a national target of achieving 50 per cent EV sales share and 500,000 EV chargers by 2030. To support these goals, huge funding allocations and incentive programs have been made available under the recently enacted Infrastructure Investment and Jobs Act (IIJA) and Inflation Reduction Act (IRA). Several states have also announced their independent EV-related targets, grants, and rebate programs for promoting EVs and installing charging facilities. In response, utilities, EV manufacturers, network developers, and technology providers are working towards building reliable, resilient, and efficient charging infrastructure to meet customer needs of security and convenience.

Global Transmission Research released the updated version of the **EV Charging Infrastructure in the US Report** in **November 2022**. The 200+ page report analyzes the market size and opportunity for EVs (four-wheelers and light-duty vehicles) and EV charging infrastructure. It provides an overview of the current EV landscape and discusses the federal and state policies being rolled out for promoting EV adoption and developing charging infrastructure. The report captures the EV charging programs and plans of the leading utilities and provides profiles of leading charging network operators.

The report has five sections.

Part 1 is the executive summary.

Part 2 of the report provides an overview of the EV market and charging infrastructure landscape, discusses the recent policy and regulatory announcements at the federal level and by leading states, analyzes the growth in the EV market and charging infrastructure in the last decade (2012-21), and presents the outlook and growth trends for the EV market and charging infrastructure till 2030. It covers the following topics:

- EV market and landscape
- Federal policy landscape
- State policies and programs
- Technology landscape
- Growth in the EV market and charging infrastructure, 2012-21
- Forecasted growth in the EV market and charging infrastructure, 2022-30

Part 3 of the report presents the EV charging programs and plans of the 20 leading utilities. Each utility profile has EV changing data and information on:

- Plans and targets
- Services and offerings
- Rates and tariff

Part 4 of the report profiles10 key charging infrastructure providers or charge point operators. Each profile has data and information on:

- Company overview
- Plans and targets
- Recent developments

Part 5 of the report is the appendix. It includes a note on sources and methodology and a list of acronyms.

This report is indispensable for any organization interested in the US EV Charging Infrastructure market —electric and power utilities; transmission and distribution system operators; charging station developers and operators; charging technology and equipment manufacturers and suppliers; public transportation authorities; transport and city infrastructure planning experts; commercial vehicle management companies; government and regulatory agencies; renewable energy developers; OEMs and EV manufacturers; logistics and fleet operators; contractors, engineering consultants; research institutions and academia; financial institutions, legal experts; etc.

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

The report is priced at USD2,000. There are also two special "early bird" discounts — the price is USD1,400 (30 per cent discount) for orders and payments received on or before December 9, 2022; and USD1,700 (15 per cent discount) for orders and payments received on or before January 13, 2023.

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Table of Contents

Table of Contents

Sources and Methodology

Global Transmission Research's industry analysts have utilized various primary and secondary research sources in preparing this report. Extensive secondary research has been conducted by our analysts and research associates.

These secondary sources include, but are not limited to, websites of regulators, government agencies and electric power utilities; websites of charge point operators and EVSEs; publicly-available analyst reports; government documents; 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.

Primary research includes interviews conducted to gain insights into market trends, policy and regulatory developments, etc. We have also researched the available industry literature and reports for these topics.

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

Great care has been taken to ensure that all analysis is well supported by facts.

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 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.

We have been covering the EV charging infrastructure segment for over three years now. We have also organized more than half a dozen conferences in the US on this topic. These include EV Charging Infrastructure Midwest (May 24-25, 2022), EV Charging Infrastructure West (February 15-16, 2022) and EV Charging Infrastructure US (October 5-6, 2021).

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, Energostroynaladka, 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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