

# 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 profiles 10 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

---

<b>PART 1: EXECUTIVE SUMMARY</b>	<b>10</b>	<b>2.4 TECHNOLOGY LANDSCAPE</b>	<b>82</b>
		• EV charging technologies	83
		– AC and DC charging	83
<b>PART 2: SECTOR TRENDS, POLICIES AND PROGRAMS, AND OUTLOOK</b>	<b>12</b>		
		– Smart charging technologies	85
		– Wireless charging	87
		– Other charging solutions	89
<b>2.1 EV MARKET AND LANDSCAPE</b>	<b>13</b>	<b>2.5 GROWTH IN EV MARKET AND CHARGING INFRASTRUCTURE</b>	<b>94</b>
• Overview of EV market	14	• Growth in sales of electric vehicles, 2012-2021	95
• Institutional framework for EV industry	16	• Growth in public charging infrastructure, 2012-2021	96
• E-mobility value chain	17	• Public charging infrastructure by state	97
• Emerging business models for public charging	19	• Public charging infrastructure by network operator	98
• Regional collaborations	21		
		2.6 FORECASTED GROWTH IN EV MARKET AND CHARGING INFRASTRUCTURE	99
<b>2.2 FEDERAL POLICY LANDSCAPE</b>	<b>25</b>		
• Overview of federal policies and programs	26	• Key drivers	100
• Federal incentives for EVs and infrastructure	27	• Expected growth in EV market, 2022-30	102
• BIL/IIJA funding programs for EV and EVSE	29	• Charging infrastructure targets and needs, 2030	103
• NEVI Formula Program	30		
• Other funding programs	33		
<b>2.3 STATE TARGETS, POLICY AND INITIATIVES</b>	<b>35</b>	<b>PART 3 EV CHARGING PROGRAMS AND PLANS OF LEADING UTILITIES</b>	<b>104</b>
• Overview of state targets, policy and initiatives	36	<b>3.1 SYNOPSIS OF UTILITY CHARGING PROGRAMS</b>	<b>105</b>
• Policy initiatives by key states		• Key highlights of utility charging programs	106
– California	38		
– Colorado	44		
– Florida	49		
– Georgia	53		
– Illinois	56		
– Massachusetts	61		
– New Jersey	65		
– New York	70		
– Texas	74	<b>3.2 UTILITY PLANS AND PROGRAMS</b>	<b>107</b>
– Washington	78	• American Electric Power (AEP)	108

# Table of Contents

---

• Austin Energy	114	• ChargePoint	197
• Con Edison	117	• Electrify America	198
• Dominion Energy	121	• EV Connect	199
• Duke Energy	125	• Evgo	200
• Exelon Corporation	129	• FLO	201
• FirstEnergy Corporation	134	• Greenlots	202
• Florida Power and Light Company (FPL)	137	• SemaConnect	203
• Georgia Power	140	• Tesla	204
• Los Angeles Department of Water and Power (LADWP)	143	• Volta	205
• National Grid	148		
• New York Power Authority (NYPA)	151	<i>Each profile will have EV charging data and information on:</i>	
• Pacific Gas and Electric Company (PG&E)	154	• Company overview	
• Portland General Electric (PGE)	160	• Plans and targets	
• Public Service Energy & Gas (PSE&G)	165	• Recent developments	
• Puget Sound Energy (PSE)	169		
• San Diego Gas and Electric (SDG&E)	172	<b>PART 5: APPENDIX</b>	<b>206</b>
• Southern California Edison (SCE)	178		
• Tennessee Valley Authority (TVA)	183	<b>5.1 SOURCES AND METHODOLOGY</b>	<b>207</b>
• Xcel Energy	186	<b>5.2 LIST OF ACRONYMS</b>	<b>208</b>

*Each utility profile will have EV charging data and information on:*

- Plans and targets
- Services and offerings
- Rates and tariffs

## PART 4: PROFILES OF LEADING CHARGING NETWORK

<b>OPERATORS</b>	<b>192</b>
------------------	------------

<b>4.1 OVERVIEW OF EV CHARGING NETWORK OPERATORS</b>	<b>193</b>
--	------------

<b>4.2 OPERATOR PROFILES</b>	<b>195</b>
------------------------------	------------

• Blink Network	196
-----------------	-----

## 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](http://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).

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