



VIRTUAL CONFERENCE ON

FLEET ELECTRIFICATION IN THE US

OPPORTUNITIES, CHALLENGES AND SOLUTIONS

March 3-4, 2021

11:00-16:00 Eastern Time

Hosted by:

Global **Transmission** Report

Information and analysis on the global electricity transmission industry

Supported by:

REGLCBAL

Analysis and perspective for CXOs

MISSION

Electrification of fleets is progressing faster than anticipated in the US, with more states, cities and municipalities rolling out programs to support the transition to a cleaner future. At the same time, several large fleet operators have announced plans to ramp-up their investments in electrification as part of their long-term climate commitments. However, this requires new strategies and solutions to ensure a smoother transition to EVs.

Fleet managers face multiple challenges in electrifying their fleet. One of the crucial issues is connecting to a utility's grid for efficient charging options. Utilities will have a decisive role to play in helping fleet operators to go green. They will need to support the deployment of EV charging infrastructure, provide incentives, and upgrade the grid to handle the additional electric load. Utilities can thus consider capitalizing on the emerging opportunities as more fleet operators explore electrification.

Charging technology providers are also becoming increasingly focused on meeting the electrification needs of the fleets. They are devising solutions to maximize utilization and minimize costs to operate and monitor the fleet of EVs. Charging network operators and electric vehicle equipment supply (EVSE) providers are offering tailored solutions to deploy and manage the charging infrastructure.

Global Transmission Report, with support from **REGlobal**, is organizing a **virtual conference** on **Fleet Electrification in the US** on **March 3-4, 2021**. The objective of the conference is to present emerging opportunities, discuss challenges, and explore solutions for the electrification of fleets in the US.

The two-day virtual event will have 12 live sessions, covering relevant topics for all stakeholders in the fleet electrification space. It will highlight the policies and programs in key states and feature leading utilities with their initiatives in supporting the electrification of fleets. It will also present the plans and perspective of the early adopters of electric fleets and discuss the major considerations in building an optimal fleet electrification strategy.

The conference will showcase the latest technologies and solutions to charge electric fleets and discuss the benefits of integrating energy storage and solar in the charging infrastructure. It will also present the offers of leading EV manufacturers and perspective of fleet operators.

The event is targeted at electric power utilities, municipal fleet operators, commercial fleet operators, EVSE providers, regulators, investors, consultants, equipment suppliers and solution providers interested in the electrification of fleets.

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WHY LOG-IN?

- Evaluate opportunities and identify barriers to increasing the electrification of fleets
- Follow the latest trends in fleet electrification and charging
- Learn about the initiatives and programs that leading states have implemented to support fleet electrification
- Get familiar with the regulatory requirements and evolving standards
- Identify key considerations in fleet electrification (such as energy costs, charging infrastructure, routes, and vehicle options)
- Hear from early adopters of fleet EVs on their experience and perspective on charging, procurement, running costs, operations and maintenance
- Analyze best practices for deploying and operating electric fleet vehicles
- Explore relevant solutions for different customer verticals
- Understand how fleet operators can work with utilities in meeting their electrification goals
- Hear the perspective of leading OEMs
- Gain insights into technologies and solutions that will revolutionize the electrification of fleets
- Learn about solutions to accelerate and scale-up electrification of fleets
- Find out new data management tools to run and operate fleet EVs efficiently
- Engage in stimulating discussions and deepen your knowledge with targeted questions
- Share and learn from industry peers, and influence industry leaders
- Benefit from virtual networking opportunities and interact with potential customers and partners

WHO SHOULD LOG-IN?

- Electricity and power producing and selling companies
- Transmission and distribution utilities
- Municipal fleet operators
- Logistics and commercial fleet operators
- Charging network operators
- Electric vehicle supply equipment (EVSE) providers
- E-mobility service providers (EMSPs) and software suppliers
- Public transportation authorities
- Commercial vehicle management companies
- Government and regulatory agencies
- Renewable energy companies
- OEMs and EV manufacturers
- Battery manufacturers
- Contractors, engineering consultants, etc.
- Transport and city infrastructure planning experts
- Research institutions and academia
- Financial institutions, legal experts, etc.

Tentative Agenda: March 3, 2021

11:00-16:00 Eastern Time

The virtual conference will feature a mix of panel discussions and presentations. There will also be an opportunity for virtual networking.

Road to the electrification of fleets

- ❖ Drivers, emerging trends, barriers and outlook
- ❖ Addressing the challenge of expanding charging infrastructure for fleet EVs

Presentation by and Q&A with a leading industry expert

State policies, regulations and programs

- ❖ Policies, regulations and programs to facilitate electrification of fleets in key US states
- ❖ Progress made so far in these states
- ❖ Initiatives to address the challenges that lie ahead

Presentations/discussion and Q&A with regulators/government authorities/industry associations

Electric utilities - opportunity and role

- ❖ Role of utilities in planning and expanding the charging infrastructure
- ❖ Opportunities in building EV charging infrastructure for meeting the electricity demand from fleet EVs
- ❖ Impact on grid planning, operations and reliability
- ❖ Preparing for flexibility in the future

Presentations/discussion and Q&A with utilities and consultants

Electrifying municipal fleets

- ❖ Ongoing municipal/city fleet electrification programs and experience so far
- ❖ Cost impact assessment and budgets
- ❖ Operational challenges and future strategy

Presentations/discussion and Q&A with city and state officials and consultants

Experiences and plans of fleet operators

- ❖ Unique needs of private fleet and commercial vehicle operators
- ❖ Experiences and expectations
- ❖ Plans and challenges
- ❖ Possible business models for a commercially viable fleet EVs network
- ❖ Transitioning to large-scale roll-out

Presentations by and Q&A with leading electric fleet operators

Optimal fleet electrification strategy

- ❖ Opportunities and key considerations (such as electricity costs, charging infrastructure, vehicle options, etc.) for electrification of fleet
- ❖ Building a fleet electrification strategy that would work
- ❖ Emerging business models for scaling-up fleet electrification

Presentations/discussion and Q&A with fleet operators, solution providers and consultants

AGENDA (Tentative)

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Tentative Agenda: March 4, 2021
11:00-16:00 Eastern Time

The virtual conference will feature a mix of panel discussions and presentations. There will also be an opportunity for virtual networking.

OEM offers and perspective

- ❖ Current offerings and plans to meet the unique needs of fleet operators
- ❖ Perspective on overcoming the challenge of charging infrastructure

Presentations/discussion and Q&A with fleet EV manufacturers

Smart solutions for charging fleet EVs

- ❖ Solutions from leading EVSE and technology providers
- ❖ Innovations to improve customer experience
- ❖ Technologies that enable smart charging
- ❖ Wireless charging for fleet EVs

Presentations/discussion and Q&A with leading EVSE and charging technology providers

Depot-based fleet charging

- ❖ Optimal solutions for charging heavy-duty and bus fleet
- ❖ Considerations and best practices for depot charging
- ❖ Designing and building charging hubs

Presentations/discussion and Q&A with leading solution providers and consultants

Integrating solar and energy storage in fleet charging infrastructure

- ❖ Pairing solar panels and storage with fleet charging infrastructure
- ❖ Using energy storage systems to deal with power fluctuations
- ❖ Off-grid solutions for areas with poor grid connectivity

Presentations/discussion and Q&A with leading solar and energy storage companies

Emerging opportunities - V2G

- ❖ Current status, plans and key challenges in Vehicle-to-Grid (V2G) Integration
- ❖ Projects and case studies

Presentation by/discussion with and Q&A with a leading V2G solution provider

Using data and AI for fleet management

- ❖ Smart solutions to unlock insights for deploying and managing fleet EVs
- ❖ Platforms and tools to monitor fleet, assess battery health, optimize route planning and ensure efficient charging

Presentation by/discussion with and Q&A with a leading data management solution provider

Note: This is a tentative agenda. Timings and topics of some sessions may change as we move closer to the event.

DELEGATE FEE

The fee is **USD400** for one **participant/login**, **USD650** for **2-3 participants/logins**, **USD900** for **4-5 participants/logins**, **USD1,150** for **6-9 participants/logins** and **USD1,400** for **10-20 participants/logins**. Government agencies, regulatory authorities, academia and research institutions will benefit from a special low-fee of **USD150 per participant/login**.

There is a **30% “early bird” discount** for those registering before **January 20, 2021** and a **15% “early bird” discount** for those registering after that and before **February 17, 2021**.

ABOUT THE ORGANIZERS

About Global Transmission Research

Global Transmission Research is a leading provider of information and analysis on the global electricity transmission industry. We publish newsletters and market intelligence reports, offer custom research and advisory services, and organise thematic conferences on crucial and topical issues relevant to the industry.

Our leading products – **Global Transmission Report** (a monthly newsletter), **Global Transmission Weekly** (a weekly update), and **www.globaltransmission.info** (website) – keep you informed on key developments, trends and issues in the industry. Our reports provide the latest data, insights and analysis on the transmission industry in over 100 countries to ensure reliable and actionable research.

We recently released a report on **“EV Charging Infrastructure: Current State and Regulations in Key Markets”**. The report provides insights into the current state of play, and policy and regulatory developments in about 30 major markets around the world. Countries that are covered in the report include USA, Canada, Netherlands, Germany, France, UK, Norway, Spain, Belgium, Switzerland, Sweden, Italy, Austria, Portugal, Denmark, India, China, Indonesia, Philippines, Thailand, Singapore, Malaysia, Japan, Australia, South Korea, South Africa, Brazil and Mexico.

Our conferences are one to two-day thematic events with focused sessions and discussions featuring speakers with vast experience and expertise. In the past, we have organised two conferences on **EV Charging Infrastructure** in the US. These conferences received a strong response from speakers and delegates alike.

About REGlobal

The mission of REGlobal is to provide global, high-level analysis and perspective on issues related to renewable energy that are of interest and relevance to CXOs working with energy developers, electricity utilities, technology providers, investors, regulators, policymakers and other concerned organizations.

REGlobal features analysis of key trends and major developments, interviews with top managers and officials, opinion of leading experts and a rich knowledge centre. It covers a wide range of issues and topics including but not limited to markets, technology, policy and finance. The primary focus is on all forms of renewable energy but, when relevant, it also examines trends related to other sources of energy.

DELEGATE FEE

	Price before January 20, 2021	Price before February 17, 2021	Standard price
1 Login	USD280	USD340	USD400
2-3 Logins	USD450	USD550	USD650
4-5 Logins	USD630	USD765	USD900
6-9 Logins	USD800	USD970	USD1,150
10-20 Logins	USD980	USD1,190	USD1,400
Special fee*	USD105	USD128	USD150

*There is a special low fee for government agencies, regulatory authorities, academia and research institutions.

SPONSORSHIP

As our sponsoring partner at the virtual event, you will receive the following benefits:

- A 20-minute presentation slot (presentation should be relevant and not just a sales-pitch)
- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed in the opening and closing slide/waiting room
- Sponsor company mentioned in each promotional mailer
- Mention in social media posts including a post on the speaker from your company
- Mention in the virtual event opening and closing remarks
- 6-9 participant logins for the employees
- Opportunity to interact virtually with the top officials in the industry

PAYMENT OPTIONS

To make payments, please visit:

<https://cvent.me/gZEoIG>

All credit card payments will be subject to standard credit card charges

TERMS AND CONDITIONS

Payment Policy

- Full payment must be received prior to the conference in USD.

Cancellations

- Cancellation requests received in writing 30 days (February 3, 2021) before the date of the conference will be eligible for a full refund, minus a service charge/administration fee of USD40. We regret that no refunds will be made for any cancellation requests received less than 30 days prior to the conference.
- Substitutions/name changes are welcome at no extra charge. Please send these in writing at least two days prior to the conference.
- **Disclaimer:** *Global Transmission Research shall assume no liability whatsoever in case the conference is postponed or cancelled due to a fortuitous event or unforeseen occurrence that renders its organization impractical, illegal or impossible. For purpose of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergency. Global Transmission Research's responsibility is limited to the return of registration fees only, and not any travel and accommodation costs.
- Please note that it may become necessary for reasons beyond the control of the organizers to make alterations to the content and timing of the program or speakers.

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