Executive Briefing: Expanding EV Charging Networks

7:30-8:15am  Registration & Networking Breakfast

8:15-8:30am  Opening Remarks by Executive Briefing Chair

Nancy Ryan, Partner, ENERGY + ENVIRONMENTAL ECONOMICS (E3)

EV INFRASTRUCTURE FOR SITE HOSTS—COMMERCIAL & RESIDENTIAL PROPERTIES

8:30-9:00am  Keynote Address: National Overview—Progress of Electric Vehicle (EV) Charging Networks & Future Expansion

The National Renewable Energy Laboratory (NREL) collects, verifies, and publishes data on alternative fueling stations nationwide. This keynote address will present the latest information on where we are now and where we need to get.

Britta Gross, Managing Director, ROCKY MOUNTAIN INSTITUTE & Commissioner, ORLANDO UTILITIES COMMISSION

9:00-10:00am  Panel Discussion: Drivers for Offering EV Charging

Site hosts or properties that invest in EV charging stations will see increasing returns as EV adoption rises. Commercial properties, multi-unit dwellings (MUD), and other residential properties that offer EV charging to their customers will gain a competitive advantage in terms of value-added amenities and customer acquisition.

Moderator:
Andy Hoskinson, Senior Manager, EV Initiatives, CENTER FOR SUSTAINABLE ENERGY

Panelists:
David Donovan, Associate Director, Transportation, UNIVERSITY OF SOUTHERN CALIFORNIA
Andrew Krulewitz, Founder & CEO, FLUX
John Marler, Vice President, Energy and Environment, AEG
Kameale Terry-Fullington, Director of Programs, EV CONNECT, INC

10:00-10:30am  Networking Break

10:30-11:30am  Panel Discussion: Lessons Learned—Strategies for Building Charging Infrastructure

This panel will discuss siting and permitting for electric vehicle supply equipment (EVSE) and how to streamline the process. It will share best practices for forecasting demand and provide the latest information on evolving standards and interoperability. Also, learn about funding opportunities for your project.
EV INFRASTRUCTURE FOR FLEETS

1:00-1:30pm  Presentation: **Fast Charging Infrastructure for Car & Ride-Sharing**
**Lars Peters**, Director, Business Development, Utilities & Public Agencies, EVGO

1:30-2:00pm  Presentation: **Incentive and Regulatory Programs for Heavy-Duty and Off-Road Sector EVs**
Heavy-duty vehicles and off-road equipment are responsible for much of California’s particulate, smog-forming, and climate change emissions, and the associated health impacts to nearby communities. California is tackling these challenges head on with incentive and regulatory programs that aim to transition the heavy-duty and off-road sectors to zero emissions everywhere feasible, and near-zero emissions with renewable fuels everywhere else, starting with the Innovative Clean Transit Rule in 2018. To date, CARB has invested over $360 million in Cap-and-Trade dollars to advance zero-emission technology in these sectors, and intends to direct upcoming investments toward large-scale zero-emission truck deployments to test manufacturing capacity and grid effects from charging many trucks at once.

**Leslie Goodbody**, Engineer, Innovative Heavy Duty Strategies, CALIFORNIA AIR RESOURCES BOARD (CARB)

2:00-3:00pm  Panel Discussion: **Owning & Optimizing Your Electric Fleet Charging Depot**
Electric fleet owners who own and operate their own charging stations can customize their infrastructure to their specific needs, providing more control over their operations and costs. How else can fleet owners benefit from electrification? How do transportation network companies (TNC) plan on supporting their fleets?

Moderator:
**Ruth Cox**, CEO, PROSPECT SILICON VALLEY
Panelists:
- Carlo De La Cruz, Senior Campaign Representative, SIERRA CLUB
- Emmanuel 'Cris' Liban, Executive Officer, Program Management, Environmental Compliance/Sustainability, LA METRO (invited)
- Gary Miskell, Chief Information & Technology Officer, SANTA CLARA VALLEY TRANSPORTATION AUTHORITY
- Kevin Walkowicz, Advanced Vehicles and Fueling Infrastructure Manager, NATIONAL RENEWABLE ENERGY LABORATORY (NREL)

3:00-3:30pm  
Networking Break

3:30-4:30pm  
Panel Discussion: **EV Infrastructure Planning for Public Fleets**

In many cases public fleets have defined, pre-planned routes and could be the only user of their charging network. Considering the latest capabilities in electric vehicles, what are the challenges and solutions for public agencies looking to electrify their fleets?

Moderator:
- Kevin Wood, Clean Transportation Specialist, CENTER FOR SUSTAINABLE ENERGY

Panelists:
- Alleyn Harned, Executive Director, VIRGINIA CLEAN CITIES
- Tony Deluca, Electrical Engineering Infrastructure Manager, PROTERRA
- Kevin Myose, Fleet Manager, COUNTY OF SAN JOAQUIN
- Philip Saunders, MCFE, DSL, LSSGB, Green Fleet Program Manager, Fleet Management Division, CITY OF SEATTLE DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES

4:30-5:30pm  
Panel Discussion: **Looking Ahead—Expanding Charging Networks for Long Haul & Last Mile EVs**

Decarbonization goals across the country are forcing fleet owners of medium- and heavy-duty vehicles to lower their emissions. What are the next steps to building a charging network that could support long haul deliveries in heavy-duty electric vehicles? Are the incentives and strategies different for urban medium-duty last mile fleets?

Moderator:
- Timothy O’Connor, Senior Director, Energy Program, ENVIRONMENTAL DEFENSE FUND

Panelists:
- Chris Nordh, Senior Director, Advanced Vehicle Technology & Energy Products, RYDER
- Peter Nulsen, Director, GENERATE CAPITAL
- Matt Schrap, Vice President, Government Programs, VELOCITY VEHICLE GROUP
- Dan Wilson, Senior Product Manager, Energy Services, CHANJE ENERGY

5:30pm  
Executive Briefing Adjourns

For speaking opportunities, contact:  
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