



Electricity



Transportation



Buildings



Industrial



Agriculture



Sequestration

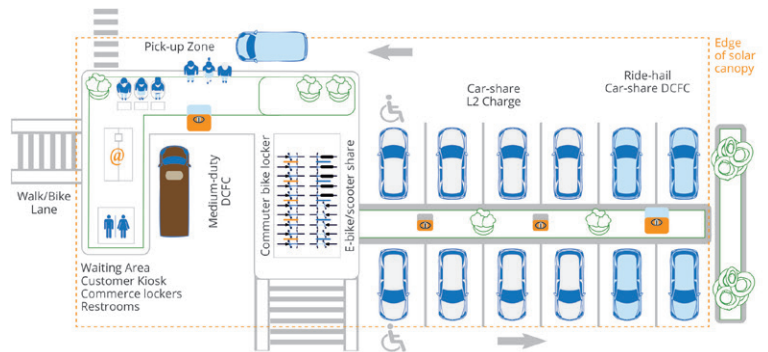
Sacramento Electric Vehicle Blueprint

Client: City of Sacramento

2018–2019

Frontier Energy developed a blueprint and planning tools to implement the City of Sacramento’s EV Strategy, providing a detailed roadmap for the City to achieve 75,000 ZEVs in Sacramento by 2025; identifying ideal locations for EV charging and car sharing to achieve equitable access to ZEV technologies and benefits by low-income populations and disadvantaged communities; identifying goals for EV workforce development, shared vehicle ownership, and new ZEV mobility programs; and conducting stakeholder outreach and community engagement.

This project included working with many departments in the City of Sacramento to identify opportunities in city code to help implement EV charging in residences, in parking structures, at multifamily dwellings and workplaces, and in the right-of-way. As a result of regular, facilitated sessions with property owners and developers, all proposed codes changes were approved by Sacramento’s Planning Commission without objection.



FRONTIER ENERGY:

- Created an EV deployment plan that translated planning-level targets in the City’s forecasts into a detailed plans to guide public and private investment to achieve City goals
- Conducted a cost-effectiveness study to evaluate code updates that could accelerate EV infrastructure in new construction
- Developed toolkits and materials to educate a variety of audiences about EVs, charging infrastructure, and EV-related building codes
- Developed an EV Economic Pathways report that detailed workforce development opportunities and challenges
- Developed a concept for advanced EV mobility—an “e-mobility hub”
- Identified specific locations to deploy public charging infrastructure on City-owned property to increase access to charging in low-income and disadvantaged communities



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