

APPENDIX: PROJECT MODEL REFERENCES

Local Examples of Self-Service Mobility Options

Bay Wheels Bikeshare, Bay Area

Since 2014, Bay Wheels has been the Bay Area's primary bikeshare service.⁶ Pedal-powered bikes can be picked up and dropped off at Bay Wheels docking stations, often located in areas that see a high number of regular users, such as commercial centers or areas with high population density. E-bikes can be both docked at a station or locked to any city bike rack. Between these two service models, Bay Wheels covers San Francisco, Berkeley, Emeryville, Oakland, and San Jose.

As part of an exclusive contract for station-based bikeshare in the Bay Area, siting of docking stations is done in coordination with public officials and neighborhood input. This arrangement has helped ensure equitable distribution of service and intentional placement of infrastructure that compliments public transportation options and expansion of the region's bikeway network.

The average Bay Wheels station has 19 bike docks, a kiosk for rental transactions, and are solar powered. Stations located off-street take 12 feet of continuous, uninterrupted sidewalk width; on-street, this is about the same space as three cars.⁷

⁶ For more information about Bay Wheels, check [SFMTA's dashboard](#) on system usage

⁷ [San Francisco Municipal Transportation Agency. TASC Summary Sheet. October 20, 2020](#)

GIG Carshare, Sacramento

GIG Carshare is an all-electric car service, deriving its name from a focus on ride hail and delivery gig work. GIG Sacramento uses all-electric Chevy Bolts, unlike its other locations which use traditional hybrid vehicles. With roughly 250 vehicles, it's the largest carshare network in the US that uses the one-way, free-floating model. These cars can be picked-up or dropped-off in a 20 square-mile 'home-zone' which covers most of downtown Sacramento.

Users are reimbursed for the cost of charging the vehicle on short trips, which allows users not to worry about the cost for charging vehicles; however, GIG also employs a standby staff to maintain a minimum charge in active vehicles. GIG's Sacramento 'home-zone' contains 13 DC fast-charging stations and 142 Level 2s.

Green Commuter, Los Angeles

Another example of dual-uses of carshare is with Green Commuter, which primarily rents electric vehicles for vanpooling or for fleet's. Green Commuter primarily owns and rents electric vehicles for use in vanpool programs, partnering with transit agencies like LA Metro to extend the appeal of ridepooling with Tesla Model Xs.⁸

Also in LA, Green Commuter is also part of the Watts Rising Collaborative, neighborhood redevelopment project focused on climate resilience and green economy workforce training. The project includes the deployment of 15 all-electric carshare vehicles and a network of 24 Level 2 chargers across three sites.⁹

⁸ ["First All-Electric Vanpools in the United States Begin Commuter Service at L.A. Metro,"](#) Business Wire, May 13, 2019

⁹ [Watts Rising Baseline Progress Report](#)

Local Examples of On-Demand Mobility Options

TransPort in Porterville, CA

An example of microtransit in California is TransPort in Porterville, CA, an on-demand, curb-to-curb service available to residents at \$3 per trip. TransPort's service boundary covers an approximately 35 square mile area and is a means to replace transit buses on routes with low ridership.

The service uses 12 all-electric Lightning Electric Transit vans, with seats for seven passengers and a wheelchair securement area. Fully owned by the City of Porterville, these vans have 86 kilowatt-hours of battery capacity with a range of 120 miles and can be charged in just over an hour by a 50-kW DC fast charger. These were partially funded with special funding from the California Air Resources Board (CARB) Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP).

REV-Up, Fresno

In October 2020, the Fresno County Rural Transit Agency (FCRTA) launched the Rural Electric Vehicle Utilization Project (REV-UP) (rural electric vehicle utilization project), a ride-hailing program targeted towards residents in rural Fresno County.¹⁰ Residents in the small communities of West Park, Biola, and Kerman can reserve a ride in an electric vehicle in advance, or call up a ride when they need it, at \$5 per ride. REV-UP's fleet comprises two Chevy Bolt battery-electric vehicles supported by a Level 2 charger at the operator's administrative office.

¹⁰ ["Inspiration Transportation | Micro-Transit | United States,"](#) iTransportEV HQ

Community Bridges Lift Line, Santa Cruz County

In an early iteration of the Clean Mobility Options program, Lift Line received funding to replace three gas-powered shuttles with electric alternatives. These 14 to 16-passenger EV shuttles are used for paratransit, designed for low-income seniors and disabled riders transportation to essential services. The system uses several Level 2 charging stations, installed under the program at the Lift Line fleet facility in Watsonville, CA.

11 [LCTI: Lift Line Paratransit Dial-a-Ride Electric Vehicle Transition Program](#)