



GreenPower Motor Company

Founded in 2010, GreenPower Motor Company is headquartered in Vancouver, Canada, with offices in Rancho Cucamonga, CA and the United States assembly plant in Porterville, CA. GreenPower is a vehicle provider using a 'clean sheet' design to advance the adoption of EVs by making battery-electric buses and trucks affordable, durable, and easy for customers to deploy. GreenPower offers commercial vehicles for delivery, public transit, schools, vanpooling, micro-transit, and shuttles.

Mobility Services

- Electric buses and mini-bus
- Clean sheet design
- Maintenance and technical assistance

Website

- <https://greenpowermotor.com/>

Contact

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References

- Sacramento Regional Transit, CA
- Antelope Valley Transit Authority, CA
- Airline Coach Services, CA

Experience



GreenPower uses a “clean sheet” design approach to put the battery and the propulsion system in optimized locations that improve its vehicles weight and a structural advantage. In 2014 GreenPower launched its first battery-electric bus, the EV350, a 40-foot transit bus. GreenPower received its first order in 2017 for ten EV350s from the City of Porterville, California. The City of Porterville was awarded \$9.5 million to be the first transit system

with the deployment of all-electric transit buses in the United States from the Zero-Emission Truck and Bus Pilot Program administered by the California Air Resource Board (CARB).

After deploying the EV350, GreenPower developed the EV Star and the BEAST. The EV Star is an all-electric medium-duty vehicle capable of a range of 150 miles. The EV Star configurations include a capacity up to 19 passengers, ADA wheelchair provisions, and cargo delivery setups. GreenPower has delivered over 100 EV Stars to various operations across North America. The BEAST Electric School Bus features a clean-sheet design, a monocoque body, and a range of 100 miles.

Service

GreenPower is prepared to supply its zero-emission, electric medium-duty vehicles to California's low-income, disadvantaged, and tribal communities through the CMO Program, including its EV Star Min-eBus and the EV Star Plus vehicles:

- The EV Star Min-eBus is a battery-electric, 25-foot shuttle that features a 118-kWh battery pack which allows travel up to 150 miles on a single charge. The EV Star has multiple configurations including layouts for maximum capacity (19 passengers) and wheelchair lift (14 passengers and 2 wheelchair positions). Built by a single manufacturer, the EV Star was designed from the ground up to be battery-electric. This purpose-built approach allows for optimal battery pack placement and maximum efficiency.
- The EV Star Plus is built on the same chassis and uses the same running gear as the EV Star Min-eBus, but features a wider body that increases the interior space. This allows EV Star Plus to offer a maximum seating capacity of 18 passenger seats with 2 wheelchair positions. The EV Star can include options such as ADA provisions, luggage/storage space, and other functional features.

GreenPower staff is available to provide up-front and ongoing technical training and assistance. Every GreenPower vehicle is delivered with driver and maintenance training to give operators the confidence and knowledge to be successful in their transportation operations. Further, GreenPower has a mobile service team with members throughout California that will be able to assist customers with training, vehicle operation, maintenance, and warranty servicing.

GreenPower offers assistance with grants, regulation compliance, data collection, and project partner selection.

Equity



GreenPower promotes equity by designing and manufacturing vehicles that are easy and affordable to operate. GreenPower understands that some customers will have difficulty complying with different regulations and compliance standards. GreenPower can assist these customers with a variety of solutions depending on the exact situation. GreenPower has a network of solutions,

partners, and contractors that can assist with the barriers and challenges that can arise.

Accessibility

GreenPower promotes ADA accessibility by conforming to regulations and offering options that make vehicles accessible.

Financial



Cost

GreenPower Motor Company strongly believes that CMO voucher funding should cover 100% of the cost of passenger vans and shuttle buses. Currently, the maximum reimbursable amount per vehicle for passenger vans and shuttle buses is tied to the voucher amount set in the HVIP program.

Additional costs that should be covered by CMO voucher funding include electric vehicle procurement, as well as the electrical and construction work needed to install the electric vehicle charging systems.

Pricing

GreenPower prices its vehicle, including the EV Star Min-eBus and the EV Star Plus, as competitively and affordably as possible. Further, GreenPower can offer competitive leasing structures that help customers who don't have the capital for an outright purchase.

Financial Sustainability

GreenPower supports its electric vehicles with world-class service and support that will continue for the life of the vehicle which covers and may exceed the 4-year project operational period. The low-maintenance footprint of the EV Star creates easy pathways for success and the standard warranty covers the high-profile items such as the battery-system and drivetrain for 5

years. GreenPower understands that operational costs and savings are pivotal to successful transportation operations. GreenPower estimates that using the EV Star creates a 75% savings in operational costs when compared to an internal combustion engine (ICE) counterpart.

GreenPower is committed to ensuring the availability of parts and will adequately stock the Parts Inventory locations with sufficient quantities to cover the vehicle orders associated with any project in California. This includes ensuring that replacement and warranty parts are available in a post-production capacity.

Data



GreenPower actively uses telematics devices in its vehicles that allow for real time data sharing and collection. GreenPower will ensure secure data storage for information and data collected both physically and digitally. GreenPower will observe complete confidentiality with respect to information and data collected pursuant to the voucher

agreement.

GreenPower will ensure limited access to the information and data gathered pursuant to the voucher agreement only to necessary employees to perform their job duties. GreenPower agrees to data sharing and collection for evaluation purposes.

GreenPower will retain files during the term of the voucher agreement plus three additional years. GreenPower will transfer all project records to CARB or its designee at the end of the three-year window.