



**WE'RE CREATING
WHAT'S NEXT.
AND IT'S READY RIGHT NOW.**

**GET YOUR BUSES
DELIVERED THIS YEAR.**



COMPANY OVERVIEW

Lion is the leading manufacturer of all-electric, zero-emission school buses and the number one distributor in North America.

Lion was founded in 2008 with the intention of revolutionizing the school bus industry. Since then, we've expanded our vision to create, design and manufacture all-electric school buses, transit/shuttle buses, and commercial trucks. Given the current climate challenges, we believe the transition to all-electric vehicles will lead to major improvements in our society, environment and overall quality of life.

One of Lion's many objectives is to help educate school districts, fleet operators, agencies, and others about the capabilities of electric vehicles and the current funding opportunities. We have created a curriculum for clean air communities to share our electric vehicle knowledge well beyond our customer circle – setting the industry standards for training and service.



300 employees



Over 10 million miles driven



2500 vehicles/year
manufacturing capacity



Over 300 vehicles
on the road

WHAT WE OFFER?

LIONA

All-electric Minibus (without chair lift)

Maximum Power // Up to 200 HP – 149 kW
Range // Up to 150 miles
Battery Capacity // Up to 160 kWh



LIOND

All-electric Type D School Bus

Maximum Power // Up to 350 HP
Range // 100 mi. – 125 mi. – 155 mi.
Battery Capacity // Up to 220 kWh



LIONC

All-electric Type C School Bus

Maximum Power // Up to 335 HP – 250 kW
Range // 100 mi. – 125 mi. – 155 mi.
Battery Capacity // Up to 220 kWh



WHAT MAKES LION THE LEADER?

Global Experience in the Deployment of Electric School Buses // Lion currently has electric school buses with more than 10 million miles of service on the road. That means we are in a unique position to have valuable operating data, extensive experience and a history of technological advancements under our belt, compared to other companies that are just beginning their zero-emission journey.

Purpose-built to be 100% electric // Lion buses are purpose built and committed to zero emissions. We build our own chassis, body, battery packs and design our own proprietary operating software. Our buses are not retrofitted diesel vehicles. They are born to be electric.

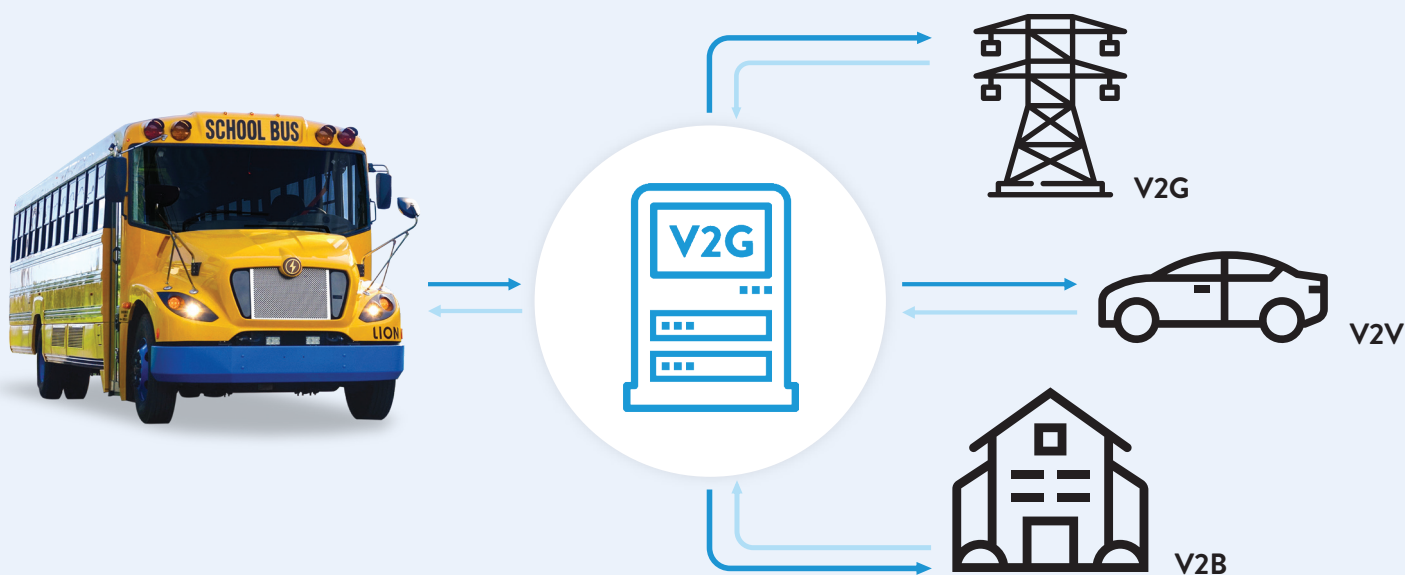
Short Delivery Timeframe // Lion has the fastest delivery timeline of zero-emission heavy-duty vehicles in the industry. Most customers can expect to take possession of their vehicle within 15-20 weeks from the date of purchase.

Constant Evolution // Since its creation, Lion's evolution never stopped, constantly innovating and launching new technologies. Lion now offers a various range of products, having achieved such feat in less than a decade.

VEHICLE-TO-GRID TECHNOLOGY

Lion is the only V2G solution provider that has been tested today. V2G enables bidirectional charging and provides services such as demand charge management.

V2G is a way to make your EV even more profitable, using it as a generator, reducing demands on public grid in high demand periods.



COMPLETE CUSTOMER EXPERIENCE

Lion Academy // Based on our experience delivering and servicing electric vehicles, Lion has developed a training program for mechanics, drivers, and school districts called Lion Academy. Lion's customized training programs are built to share several levels of electric vehicle knowledge based on different criteria. Since electric vehicles are new for customers switching from diesel to electric, training is necessary to help bridge the knowledge gap.

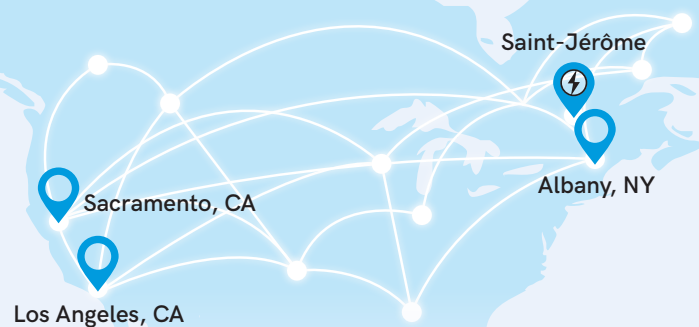
Charging Infrastructure // Lion can help identify the right charging station for your needs. Lion can also connect you with your respective utility and act as Project Manager. To ensure a smooth transition, we understand the importance of initiating the infrastructure discussion with the utility company, electrician, manufacturer and customer early in the process.

Ability to Leverage Incentives // Lion was the first manufacturer to receive modern zero-emission electric battery school bus funding in the nation. To help our customers deploy zero-emission vehicles, our grant specialists identify, leverage, and secure advantageous funding opportunities. We have extensive expertise in leveraging funding and the most relevant electric battery experience in the industry.

EXPERIENCE CENTERS

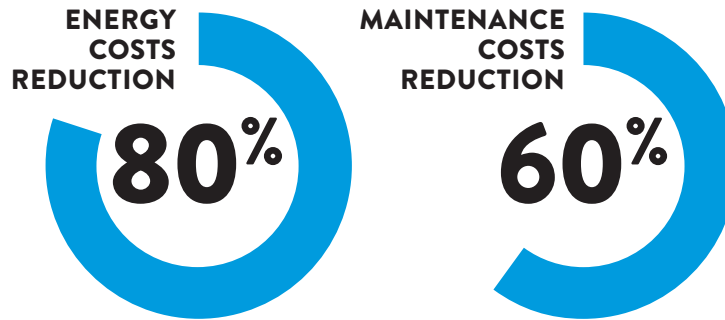
Lion has opened Experience Centers in California and New York to help educate school districts, fleet operators, agencies, and others about electric vehicle capabilities and funding opportunities, as well as offer vehicle tours.

Lion is also present in other states, waiting for demands to be high enough to justify a local installation. 2020 will mark new openings of such centers, targeting five new locations around North America.



SAVINGS

Return on Investment // When you consider the total cost of ownership, instead of the up-front cost, the return on investment of a Lion EV will always be better than a diesel one. As an example, the energy cost savings are between **60% and 80%** compared to diesel. This represents huge savings as fuel is the second highest expense for operators. Not to mention, there's a 60% reduction in maintenance costs since there is no exhaust, no DPF, no transmission, no oil and fewer motor and body parts to change than a diesel device. Because of this, a Lion electric vehicle will always cost less in the long run than a diesel one.



ADVANTAGES



**ZERO-EMISSION
SOLUTION**



**LOWEST TOTAL COST
OF OWNERSHIP**



**NO NOISE
POLLUTION**



**LOW
MAINTENANCE**



**BEST-IN-CLASS
DRIVING EXPERIENCE**



**PROVEN SAFETY
RECORD**

Impacts on society // Since all Lion electric school buses are free of noise pollution, there's a significant impact on social life nuisances, offering a quieter and calmer environment for all. Lion EVs are also good for the health, reducing risks of asthma, cancers, lungs diseases, and many others.

Impact on the environment // Lion's all-electric vehicles are zero-emission solutions. In fact, one all-electric truck eliminates 23 tons of GHG per year, which is the equivalent of removing 5 cars from the road.



1 TRUCK
100 TONS of GHG/year



1 SCHOOL BUS
23 TONS of GHG/year



ELECTRIFICATION

By electrifying **25** of heavy-duty vehicles and **90%** of school buses, we save nearly 1,3M tons of GHG



WORLD WIDE

This represents **10%** of government's GHG reduction objectives for 2030.

CONTACT US

To reserve your EV now // Contact a member of The Lion Electric Co. USA sales team to make sure to reserve your vehicle for 2020 at salesusa.lion@thelionelectric.com

To find your funding // Contact one of our grant specialists in order to learn more about the funding for which you are eligible at grant.lion@thelionelectric.com

To learn more about our products // Contact our team for any questions you may have on the company or its products at info@thelionelectric.com or find out more on our website at www.thelionelectric.com

