

# Electrify your Fleet with Greenlots

Greenlots helps fleet owners and operators realize the total cost of ownership savings of electrification while providing reliable and accessible EV charging solutions.





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# Introduction

The transition to a low carbon energy future is underway and it will impact the vehicle fleet industry. Fleet companies are facing increasing pressure to diversify energy sources and switch to renewable fuels. Moving towards cleaner modes of transport creates both challenges and opportunities for fleet managers and is changing the way fleets operate.

At Greenlots, we provide fleet operators with scalable technologies and services to efficiently transition to EVs without compromising operational efficiency.

This document was created to introduce you to Greenlots solutions and share success stories of fleet electrification. The information presented here will be helpful whether you are ready to fully electrify your fleet or are considering a fleet electrification pilot.

## **Benefits of electrifying** your fleet

#### Significant reduction in total cost of ownership

Total cost of ownership (TCO) is the main factor driving fleet electrification. TCO includes all the costs of owning and operating vehicles such as capital, fuel, maintenance, tires, driver wages, and road taxes, and is normalized over the total distance traveled throughout the vehicle's usage period.

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The market research conducted by Bloomberg New Energy Finance (Electric Vehicle Outlook 2021), shows that in urban duty cycles

in such countries as Germany and China, TCO of electric vehicles (both light- and heavy-duty) are either already lower compared to diesel and Compressed Natural Gas (CNG) or are projected to be much lower in the upcoming 10 years. Looking at long-haul cycles in the research conducted for the US market, TCO for heavy-duty trucks becomes almost equal between diesel, liquefied natural gas, fuel cell and electric vehicles by 2030.



### Mitigate climate change, reduce air pollution, and improve public health

Electric vehicles are essential to achieve decarbonization of the transportation sector. In the US, the transportation sector represents the largest source of greenhouse gas emissions and is a major source of air pollution. Those emissions not only contribute to climate change, but also negatively impact health and quality of life, particularly in areas near concentrated freight activity, most typically populated by low-income residents. Fleet electrification directly impacts the environment by mitigating climate change, reducing air pollution, and improving public health.

#### Improve your fleet operations

Today's smart EV charging technologies allow fleet operators to ensure their vehicles are fully charged to meet their range requirements and are ready to go when needed while improving fleet management and optimization. Increasing battery size also reduces concerns about range anxiety.



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### Planning your fleet electrification: Key considerations

Once you start thinking about electrifying your fleet, there are many questions to consider.



#### Consideration #1: Choose your electric vehicles

Start by choosing the electric vehicle that will best meet your operational requirements. There is a wide variety of vehicles on the market depending on your use case.

#### Consideration #2: Choose an EV charging solution provider for your electric fleet

Select an EV charging solution provider that will best fit your needs. EV charging infrastructure is the backbone of any electric fleet, and it includes the physical network that transfers electricity from the grid to the vehicles themselves as well as the EV charging software that allows for data collection and energy management services.

### Greenlots provides comprehensive turnkey EV charging solutions for fleet customers and takes care of every step:



In addition to turkney services, Greenlots can help you improve return on investment through flexible financing options such as Charging as a Service that reduce your upfront costs, leveraging state and federal incentives that support fleet electrification, and optimizing electricity costs through our smart charging solutions.

#### Consideration #3: Estimate your EV fleet energy consumption rate and load profile

To ensure your site is ready for the fleet electrification process, as well as to forecast the cost of your electricity and ensure the vehicles are fueled in a timely and cost-effective manner, determine how much energy each of your electric vehicles will need over the course of an average day on an hourly basis (load profile) and the time in hours the vehicles can charge. After calculating your load profile and energy consumption rate, it will be easier to select the right charging hardware. Your vehicle manufacturer can provide your EV's energy consumption based on your specific operations.

To determine the load profile:

- Calculate how much energy will be needed per charge for each EV you purchase: Energy consumption rate (kWh per mile) multiplied by the miles traveled
- 2. Determine when the vehicles are available for charging, including any in-route charging opportunities throughout the day

Greenlots can help you determine your load profile and estimate your electric fleet energy consumption rate.





#### Consideration #4: Estimate electricity costs and purchase electricity to fuel your fleet

Determine where and how you will buy energy to charge your electric vehicles. In most US states you can get energy for distribution service from a utility. In some states you have an option to procure electricity from a nonutility energy supplier. For example, in California you can purchase energy from a community choice aggregator (CCA). You will be billed according to your rate plan's structure and over different time frames (peak, partial-peak and off-peak).

Greenlots can help you take advantage of Time of Use (TOU) rates through our energy management solutions. We can also provide your fleet with renewable energy through our parent company, Shell.

#### Consideration #5: Understand your EV charging hardware options

Select EV charging hardware (EVSE) options based on your fleet type, fleet requirements (load profile), and business or operational needs. EVSE can have different charging power, connectors, and costs. Your choice of a charging system will determine how quickly you can charge your vehicles, fleet availability, infrastructure upgrades and energy costs. Level 3 fast chargers (DCFC) are often the preferred charger for electric fleets because they require less time to charge. They are available in a range of sizes and power capacities, with maximum power ratings from 22 kW to over 350 kW.



Because of our commitment to open standards, Greenlots works with numerous hardware manufacturers to offer only the highest-performing Level 2, Level 3, and High-Power charging station options. Built on OCPP standards, our software offers flexibility, does not lock you in to one hardware or software provider, and can communicate with other software platforms.





#### With Greenlots, you:

- get the best hardware technology from around the world
- are not locked in to one charging network
- can flexibly add or switch to another charging network

#### Consideration #6: Design and build your EV charging infrastructure



Preliminary design phase (3-5 months)

### Site assessment and project design development

As you select your EV charging hardware, consider the design of your site, which should optimize location, operations, and logistics to accommodate the EV fleet. An electrical design firm or engineering contractor will perform a site assessment to understand the on-site energy needs and develop an EV charging infrastructure design.

Good site design considers:

- Fleet parking logistics and operational characteristics
- Existing electrical equipment and its ability to support expected maximum load
- Additional electrical services you might need to charge your fleet



### Utility approval of the project design

Once a project is designed, the utility company providing electrical service will assess onsite energy needs and existing electrical capacity to determine if electrical infrastructure upgrades are needed and approve the final project design.



#### **Building permit approval**

Your electrical design firm or engineering contractor will obtain a building permit to install your EVSE. They will coordinate the permitting process and complete the EVSE permit application. The application typically requires the proposed site design, equipment, utility service and expected level of use, as well as utility approval of the project design. The permit application will be reviewed by a designated building official for compliance with local building, electrical, accessibility and fire safety codes. Once the permit is approved, a final site visit with a building inspector will be conducted before construction and installation can begin.



#### 2 Construction phase (6-8 months)



#### **Construction and execution**

Once the project design is approved, construction can begin. Construction includes electrical infrastructure from the panel to the EVSE and charging equipment installation. Construction timelines will depend on the site specifics. If the wiring is already in place and no ground trenching is required to connect the EVSE to the electrical service, a charging station can typically be installed in one to two weeks. If electrical work is required, which is usually the case with any new electrification of a fleet, then the construction period may extend over several months or longer. The planning and construction for a transformer upgrade typically requires three months, but larger projects requiring new equipment such as cabling, and substation modifications may require six to eight months or more.

When construction is finished, the utility will activate and test the electrical service. Then the fleet operator, its electrical contractor and the EV charging solutions provider will test the EVSE equipment to ensure it is well functioning and has connectivity with the EV charging software network. This process is known as commissioning.

Construction includes electrical infrastructure from the panel to the EVSE and charging equipment installation. Construction timelines will depend on the site specifics.

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#### Consider Distributed Energy Resources integration in advance

Distributed energy resources (DER), such as energy storage or solar PV systems, provide the site with additional power that can be used when electricity prices are higher than normal or when the capacity is lower than needed. We recommend considering DER integration in the site assessment and design phase to ensure all cost and operational benefits are realized early in the process. DERs help fleet owners save money and reduce peak demand charges by allowing chargers to pull energy from the DER, rather than the grid, during times of peak demand.



#### Consideration #7: Manage your EV charging electricity costs

Charging vehicles during off-peak periods can help you significantly reduce your energy costs. Smart charging and load management strategies will help you save even more and lower your monthly demand charges.

### Reduce demand charges and operating costs with Greenlots energy management technology.



Reduce electricity costs by shifting charging sessions away from hours with high electricity costs



Minimize peak demand charges and reduce the need for infrastructure upgrades



Integrate distributed energy resources like solar and battery energy storage systems into your EV charging project

#### Consideration #8: Ensure proper ongoing maintenance for your EV charging infrastructure

Ensure high performance and reliability of EV charging infrastructure with ongoing maintenance services. Maintenance addresses needed issues or repairs, and preventative maintenance can help you avoid unexpected repairs in the first place. Fleet operators should routinely check cords and plugs for wear and tear or misuse, clean plugs, and inspect air conditioning or other cooling filters for clogs or buildup for Level 3 chargers.



#### Greenlots Care: Operations and maintenance services for EV chargers

The Greenlots Care program provides you with customer support, hardware repairs, and preventive and corrective maintenance in a timely and efficient manner. With Greenlots Care you can maximize uptime for your chargers and streamline drivers' charging experience.



# Why Greenlots?

Greenlots provides fleets with economic and operational benefits.



#### **Reduced TCO**

Incur lower maintenance costs with EVs and keep electricity costs low with Greenlots energy management capabilities. With vehicle telematics integration and route management platforms, increase vehicle performance and reduce maintenance costs over time.



### Fleet control via API integration

Stay in control of your entire fleet with the Greenlots EV charging system integrated via APIs with your other existing fleet management solutions.



#### Reduce capital and operating costs of the charging stations

Committed to OCPP open standards, we provide only the highest performing charging hardware for your site. We work with our installation partners to understand how to keep construction, installation, and total site costs low and to complete projects on-time.



#### Leverage Incentives

Identify and leverage incentives and rebate programs, including California LCFS credits and utility or regional incentive and rebate programs, to keep capital costs low.



### Route planning and charging strategy

Ensure your electric vehicles are charged according to their schedules and leverage opportunistic charging in route to extend the time a vehicle is on the road with our SKY EV Charging Network software.



### Significant experience working with fleets

Achieve EV transformation efficiency due to our extensive expertise helping lightweight, medium, and heavy-duty operators electrify their fleets. We work with you to understand your business drivers, use cases, duty cycles, and unique challenges to build a fully integrated, best fit solution to meet your needs, deliver business value, and provide the ability to scale.



#### End-to-end solutions

You get comprehensive solutions for your EV transformation that include site assessment, permitting, system design, installation, and operation and maintenance. We provide you with one partner to meet your EV charging needs with a trusted, fully integrated solution backed by Shell.



#### Financing options to match your operating requirements

Reserve capital for infrastructure investments core to your business with our flexible subscription-based Charging as a Service offering for EV charging infrastructure.



#### Omni-fuel solutions from Greenlots and Shell

Benefit from Shell's solutions and expertise, including energy purchasing, on-site renewable generation, decades of experience working with fleet providers, and superior solutions for optimizing and managing a fleet transitioning from traditional fuels to electric vehicles. 16

# Our success stories

Greenlots has worked with a number of fleet owners to provide support and partnership throughout their electrification process from medium to heavy-duty and city-wide fleets. Below you will learn more about how Greenlots supported Penske, the city of Los Angles, Volvo, and Columbus Yellow Cab to electrify their fleets.

#### Medium- and Heavy-duty fleet electrification: Penske

In 2018, Daimler Trucks North America announced the launch of its first all-electric medium- and heavy-duty trucks and partnered with Penske Truck Leasing for operational trials. Since 2019, under the partnership, Penske has been operating the electric trucks in local distribution traffic in California and the Pacific Northwest.

Fleet adoption of medium- and heavy-duty EVs goes far beyond simply purchasing trucks. Reliable EV charging infrastructure is critical to ensure that trucks are fully charged when needed and ready to go. This is especially important for Penske, which rents their trucks to customers, to ensure customers can consistently operate their vehicles.

To ensure that the fleet is always charged and ready for use by customers, Penske has worked with charging manufacturers ABB and BTC to install 50kW fast chargers and 150kW high-power chargers at its depots, fleet locations where trucks come back to charge. Fast and high-power chargers allow medium- and heavyduty trucks to be charged within one or two hours. Besides hardware, reliable smart EV charging software as well as robust operations and maintenance (O&M) support for EV chargers is essential. It is critical for fleet operators to carefully select an EV charging provider that can effectively support medium- and heavyduty fleet electrification. Penske chose Greenlots to manage its charging infrastructure and optimize charging operations.

After the EV charging stations at Penske sites were connected to the Greenlots SKY EV Charging Network Software, and Greenlots Care O&M services became operational, the **uptime of the charging stations increased from 85% to 98%**. Greenlots has made a number of improvements at the sites, which include enhanced cellular connectivity and validation tests between electric trucks and EV charging stations required to address compatibility issues and ensure uninterrupted charging. To keep EV charging stations running smoothly, Greenlots proactively monitors faults and dispatches onsite technicians as needed.







#### Electrification of city fleet: Los Angeles

In 2015, the city of Los Angeles announced its first comprehensive city sustainability plan (pLAn). The city has ambitious targets to improve air quality and reduce greenhouse gases (GHG) by 80% and increase the percentage of electric and zero emissions vehicles in the city to 100% by 2050.

To help achieve these ambitious goals of increasing electric and zero emissions vehicles and reducing greenhouse gas emissions, the city has announced that it will electrify its entire transit bus fleet by 2030 as well as replace aging city vehicles with battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs). Under this program, the Los Angeles Police, Fire, General Services, and Water and Power departments started to electrify their fleets through leasing EVs and building EV charging infrastructure. This is a big step toward the pLAn's long-term target to increase the percentage of zero-emission vehicles in the city.

A large-scale fleet electrification program requires technology to effectively manage charging stations throughout the city and the expertise to ensure the local power grid can support this transition. Greenlots is working closely with the city of Los Angeles to help achieve transportation electrification goals. So far, **Greenlots has already installed over 800 Level2, DC fast, and High-Power chargers** across the city for nine city departments to serve their electric fleets.

#### Heavy-duty fleet electrification: Volvo LIGHTS

In 2018, the Volvo Low Impact Green Heavy Transport Solutions (LIGHTS) project was announced as a result of an innovative partnership between Volvo Trucks, The California Air Resources Board, Greenlots, and 13 other organizations to pioneer **23 heavy-duty electric vehicles**, EV charging solutions, and workforce development innovations critical for the commercial success of battery electric trucks and equipment.

Over a three-year project period, Volvo LIGHTS will demonstrate the ability for Class 8 battery electric trucks and equipment to reliably move freight between Los Angeles' two major ports and warehouses throughout the region with less noise and zero emissions. The Volvo LIGHTS project includes innovations in both electric truck technology and EV charging solutions for heavy-duty vehicles. As part of Volvo LIGHTS, Greenlots has provided innovative EV charging solutions for heavy-duty vehicles and strategies for reliable and cost-effective power to commercial fleet operators while maintaining a safe and stable electric utility grid. Greenlots has been providing a mix of **58 public and private electric vehicle Level 2, 50kW and 150kW DC fast chargers**, including one of the nation's first publicly accessible fast charging truck stations, networked chargers integrated with vehicle telematics to balance the needs of the vehicle, facility, and utility grid, and integration of onsite solar panels to mitigate grid impacts and energy costs.





#### Electrifying taxi fleet: Columbus Yellow Cab

Columbus Yellow Cab was founded in 1928 as a taxi company and has been operating in Ohio for over 90 years. As a longstanding pillar of the local community, Columbus Yellow Cab made the ambitious decision to go all-electric in its operations. Columbus Yellow Cab has added electric vehicles to its taxi fleet and is leveraging Greenlots' expertise in deploying and managing highpowered EV charging stations at both its depot facility and publicly accessible in-route locations throughout Columbus and central Ohio.

Before working with Greenlots, Columbus Yellow Cab was charging its electric fleet with Level 2 charging stations, with a limited number of miles each vehicle could drive per day due to long charging times. With Greenlots innovative DC fast charging solutions, backed by Greenlots SKY EV charging Network Software, Columbus Yellow Cab's drivers:

- have significantly decreased charging times
- can easily monitor their fleet in real-time
- are able to increase the utilization of each electric vehicle on the road

Greenlots created a network of charging points to ensure that vehicles never run out of power by mapping out Columbus Yellow

Cab's busiest routes. Locations for the public chargers were strategically selected through a collaborative project between Columbus Yellow Cab and the National Renewable Energy Laboratory (NREL) in which 70 million GPS data points were collected and analyzed to discover optimal charging locations. With these new stations, local EV drivers will have access to affordable and convenient fast-charging infrastructure that will not disrupt grid operations.

The SKY platform allows Columbus Yellow Cab to see how much the company is saving from gasoline versus electric standpoint. As electric vehicles have significantly fewer engine parts compared to ICE vehicles, do not require oil changes, or exhaust treatment, and have a slow rate of EV battery degradation, they bear lower maintenance cost and require no fuel costs. In addition to that, thanks to the SKY platform, electric fleet owners significantly reduce electricity spending thanks to our Smart Charging capabilities that also defer costly upfront electric infrastructure upgrades.

Due to Columbus Yellow Cab's partnership with Greenlots, the company **achieved TCO savings of up to 50% and sustainability savings of 93,442 kWh or 70.42 tons of CO2**.



## **Greenlots EV charging solutions for fleets**

At Greenlots, we provide a wide range of solutions that meet unique needs of our fleet customers.

#### Smart EV charging network software

Greenlots' enterprise-grade SKY software empowers our fleet customers to efficiently manage charging infrastructure and optimize charging operations.



#### Network Management

Real-time dashboards that allow you to view and manage charging sessions.



#### Advanced Analytics & Usage Reporting

Get access to charging stations' utilization data, analytics, and reporting. Set up alerts that will help increase charger uptime.



#### Charging Reports

Access, create and download customizable reports on charging sessions, revenue earned, energy delivered, and CO2 emissions avoided.



#### Fleet Smart Charging

Lower the cost of fleet charging sessions while meeting vehicle operational schedules. Set site load limits, utility tariffs, and vehicle schedules to minimize charging costs.



#### Secure EV Charging

Greenlots' multi-layer security system protects all data that flows between a utility, Greenlots software, hardware, EV charging station, and session data, EV drivers' information, and electricity usage data.



#### **Fleet Dispatch**

Greenlots' Fleet Dispatch uses data from the charging station, vehicle telematics, and schedules to identify optimal time, duration, and charging station or depot to charge at.

The dispatch algorithm can adapt to real-world changes in fleet operations, providing information for a fleet to manage their workflow.



#### **Connected Vehicle Telematics**

Greenlots' Connected Vehicle platform can integrate with multiple telematics devices and normalize the data into a single platform. This data is available for the user to view on the dashboard as well as download this data as reports.

Telematics data is used by other fleet modules for optimized charging of the fleet.

#### **Built on Open Standards**

Greenlots SKY Network Software is built on open standards and utilizes the Open Charge Point Protocol (OCPP). This means that our software can communicate between charging stations, networks, and the utility grid. It allows us to design a truly flexible solution for our customers that can grow with their business and the industry over time.



#### **Turnkey EV charging solutions**

Greenlots' turnkey EV charging solutions offer the support needed to develop a charging program that fits the needs of your fleet business, all while working with a single partner. We provide the solutions and support to ensure that you can build out your charging infrastructure while meeting your budget and schedule requirements.

#### Our Turnkey Approach to EV Charging include:



#### Site Evaluation

We work with you to understand your charging needs and your site. We develop site plans, manage permitting, collaborate with local regulators and officials, and design an EV charging layout that allows drivers to easily access vehicle charging.



#### **Engineering & Construction Services**

System Engineers evaluate the site energy load and power requirements to identify optimal charging system design that ensures reliable charging. Site design can include DER integration to optimize your site load and keep operating costs low.



#### A Software Platform with Driver App

Our cloud-based SKY software solutions help you manage your charging infrastructure, while our mobile app and driver web portal provide a highquality experience for EV drivers.



### Industry-leading Hardware & Procurement

Greenlots rigorous validation process provides choice of the highest performing open-standardsbased hardware on the market. We help you choose the best option to meet your charging needs and handle all the necessary steps to source hardware for you.



#### Installation & Commissioning

Greenlots oversees the successful installation and commissioning of EV charging stations at your location. Through customer onboarding, we ensure you are fluent with our SKY network platform from day one.



#### **Operation & Maintenance**

Once chargers are energized, Greenlots Care services ensure maximum uptime of your charging stations and provide around-the-clock support for you and your drivers.

#### Greenlots Care: Operations & Maintenance program

We provide a comprehensive operations and maintenance program to our fleet customers to ensure charging infrastructure is always reliable and available to your drivers.

#### **Greenlots Care services include:**



#### Preventative & Corrective Maintenance

Unlimited corrective and annual preventative maintenance ensures high station performance and prevents equipment issues



#### Remote Software & Hardware Monitoring

Remote monitoring with configurable realtime alerts and tickets captured for asset management in SKY



#### Hardware Parts Replacement

Guaranteed dispatch times for hardware parts that need repair (including wear and tear) and certified technicians to ensure rapid response to issues and high uptime of charging stations



#### Reporting

Quarterly reporting illustrates performance against SLAs and our commitment to consistently improving your EV charging experience



#### Performance Service Level Agreements (SLAs)

Competitive uptime performance warranty and expedited SLAs ensure you always get the most use of your equipment



#### Charging as a Service: EV charging with reduced upfront costs

Greenlots Charging as a Service solution is an EV charging package that provides turnkey EV charging solutions with minimal upfront purchasing costs. You pay a monthly subscription fee over a fixed term instead of all upfront costs at once. Greenlots provides extensive expertise and ongoing support throughout the entire project term.

#### Benefits of choosing Charging as a Service





Reduce upfront capital purchasing costs

Reduce time and effort with Greenlots' turnkey solutions



Create predictable operational expenses tied to your charging stations' uptime



Protect your investment with proactive performance monitoring and a guaranteed station uptime



Choose from the

OCPP standard

charging station

options

highest performing



Choose a term that works best for your needs

With Charging as a Service, you benefit from Greenlots' expertise designing, deploying, and supporting large-scale EV charging programs.



### Choose from the highest performing open standard hardware options

Greenlots' rigorous validation process provides the choice of the topperforming open-standards-based hardware on the market. Our experienced staff can help you choose the right option to meet your needs.



### We handle all project management and installation efforts

Including site assessment, engineering, installation, and commissioning to simplify project implementation.



#### SKY EV Charging Network software

Helps you easily manage charging infrastructure at your site, with a view of real-time station performance, access control, flexible pricing options for drivers, payment processing, and EV charging usage reporting.



#### We provide full operations and maintenance

Of charging stations during the entire agreement period. We provide a performance guarantee that ensures your stations are always available to drivers.



#### Access our toll-free customer support team

Our team is on call around the clock to answer your hardware and software questions as well as help your drivers remotely start and stop charging sessions.

#### Energy Management solutions

Greenlots energy management solutions help customers minimize electrical bills and reduce the need for costly infrastructure upgrades by managing the charging load within the current power capacity of your site.



Reduce electricity costs by shifting charging sessions away from hours with high electricity costs



Minimize peak demand charges and reduce the need for infrastructure upgrades



Integrate distributed energy resources like solar and battery energy storage systems into your EV charging project



### Omni-fuel solutions to simplify EV transition

Together with Shell, we have a long history and extensive experience of delivering and operating complex and technically challenging energy and electric mobility solutions. With our combined omni-fuel offering we help you optimize and manage a fleet transitioning from traditional fuels to electric vehicles.

By providing turnkey EV charging solutions (EV charging software, hardware, site evaluation and installation, ongoing maintenance, and customer support) coupled with fueling options across different vehicle types (including biofuel, fuelcell, LNG, CNG) within the Omni-fuel solutions package, we simplify your transition to EVs. We provide tools and services that help you understand how to effectively integrate new fuels and technologies into your operations, reduce operating costs and ease fleet management.



#### **Together Shell and Greenlots help fleet managers to**



Reduce total cost of ownership with our innovative services



Access convenient online management tools and data reporting



Stay ahead of government environmental policies compliance



Take advantage of advanced payment security and antifraud systems



Achieve bold emissions reduction objectives



Ensure your vehicles are fully operational and ready to go when needed



Stay in full control of your fleets



# Are you ready for fleet electrification?

Greenlots can streamline the process of electrifying your fleet with our end-to-end EV charging solutions.

We have extensive experience providing fleet operators with the technology and services required to make the transition to electrification easy. Our solutions enable fleet operators to deploy and maintain their EV charging infrastructure at scale.



To find out how Greenlots can help you build the most efficient EV charging infrastructure for your electric fleet, reach out to us at:

info@greenlots.com or +1-888 751 8560

If you want to learn more about Greenlots and our solutions, visit our website **www.greenlots.com** 



Greenlots, a member of the Shell Group, is committed to the evolution of the electric vehicle infrastructure ecosystem. Our employees, customers and partners share a collective passion for research and development of leading-edge charging software and hardware, smart data analysis solutions and accessible charging services. Headquartered in Los Angeles, CA with a global footprint, more than 2,000 charging sessions occur on the Greenlots network each day. Our entrepreneurial spirit, with the deep energy expertise of Shell, is powering the electric mobility transformation to create a more sustainable future.