





What we do

Leading provider of EV charging technology and solutions



EV Charging Network Operating Platform

- Network management
- Dynamic pricing
- Smart charging software
- Open Standards



Turnkey EV Charging Deployment

- Hardware agnostic
- Site identification & design
- Operation & Maintenance

Advanced Grid Services



Demand response



Load-side grid management



DER Integration



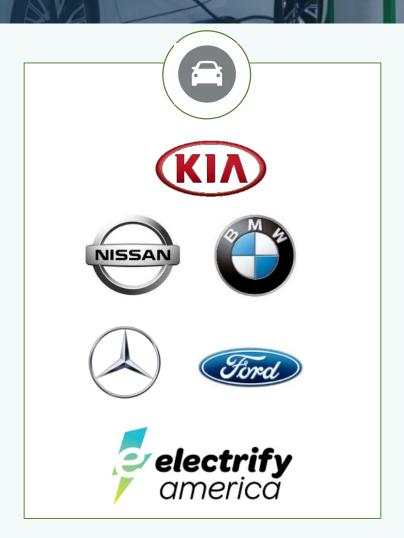
Ancillary services



Example Clients & Partners









Electrify America

\$2B Investment in Building US Charging Infrastructure





Community-Based Charging

900 stations in eight cities at more than 140 sites



Nationwide Fast Charging Network

Greenlots selected to provide the network operating platform to manage **2000+** high power chargers across the US



LAPD Fleet Charging and Load Management

PROJECT OVERVIEW

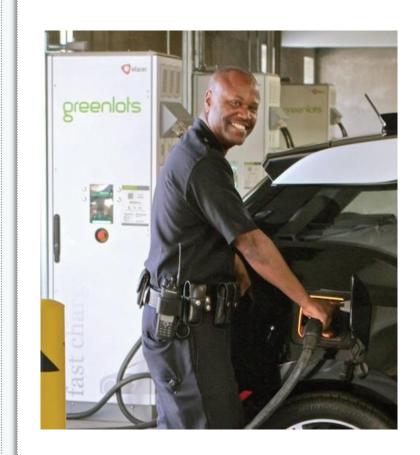
The City of Los Angeles has a target of 50% of new city fleet vehicles to be electric by 2017 and 80% by 2025.

- LAPD is the largest fleet in the city and the first department to "go electric" with the first 150 BMW i3s out of 500 EVs in total
- Building on open standards allows HW to be selected based on specific site requirements
- Greenlots was selected to provide 100 L2 and 4 DC Fast Chargers at one location with DR capabilities

KEY BENEFITS

Load management avoids electrical infrastructure upgrades and reduces demand charges.

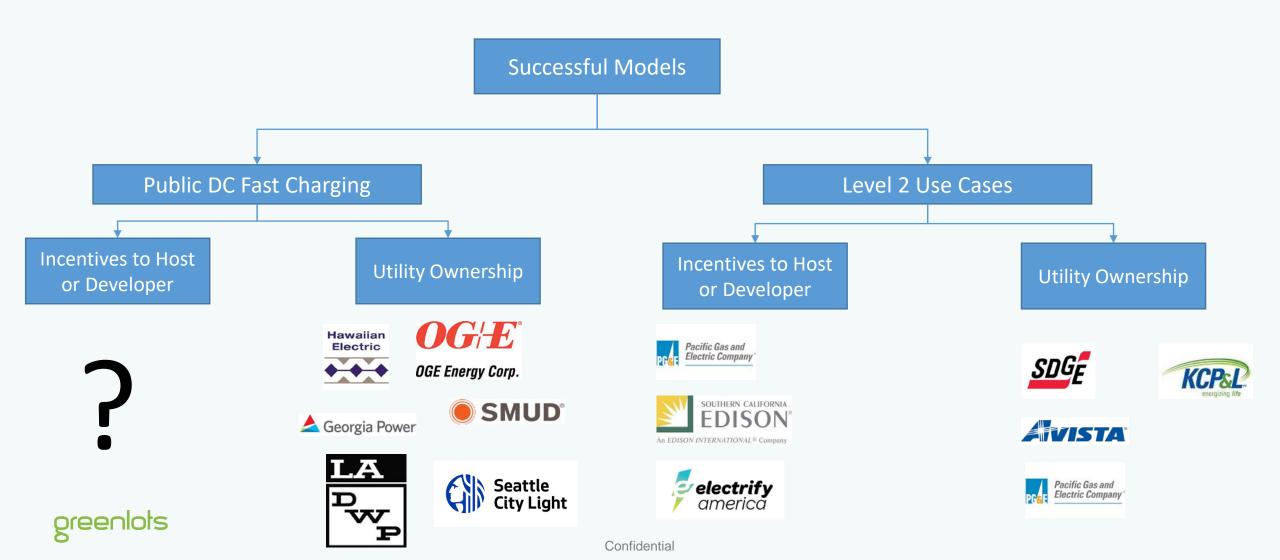
- Responds to real-time electricity demand of building
- Charge optimization and prioritization ensures vehicles are charged when they are needed
- Fleet reporting tracks fleet data, operating cost and efficiencies of an all electric fleet.
- Rolling out charging infrastructure at 25 facilities across city







Successful Market Intervention Models



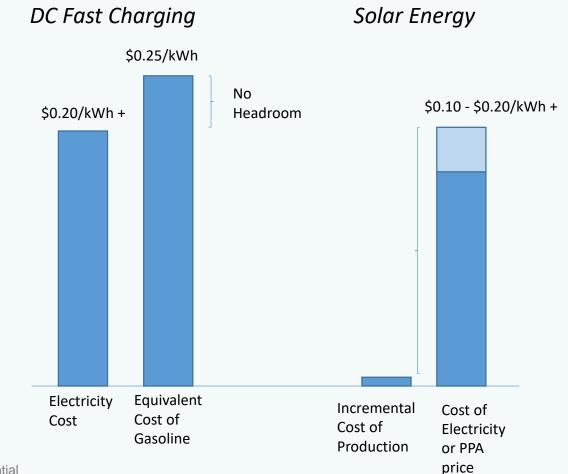
DC Charging Economics

Levelized Cost of DC Charging

Assumes 16% utilization rate, 10% load factor and 10% pre tax cost of capital

Cost Element	\$/kWh	Notes
Site ID and Development	\$0.06	Assumes \$30k for every 100 kW
Construction	\$0.20-\$0.30	Assumes \$100k - \$150K for every 100 kW
Parking Fees	\$0.02	
Maintenance/ Network	\$0.02	
Electricity (including demand charge)	\$0.15-0.20kWh	
Total	\$0.45-\$0.60	

Variable Economics to Owner AFTER Capital Costs

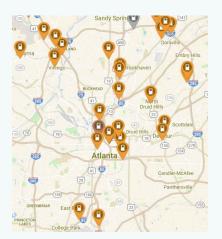




DC Charging Station Population



Denver



Atlanta







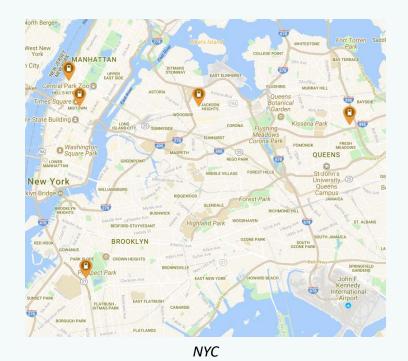
Nashville



Seattle



Chicago



Source: Plugshare

Important for REV to Adapt

- Make-ready/incentives for DC charging do not work on paper, so why would they work in practice?
- Reliance on automaker funding alone for DC charging (Electrify America, Nissan, BMW, Tesla, etc.) will not bring us the DC charging we need to fulfill policy goals
- New York is not a leader in DC charging deployment, and REV process has to date held the state back
 - REV focus on "public private" collaboration sounds good, but it is not the right fit at this stage in the market for public fast charging
 - Utilities are spending too much time fitting their projects into a REV box, and not enough time helping the market grow
 - Better to focus on market growth the figure out the right model
- Study after study (MA, NJ, OH, MD) has shown a positive ratepayer return for utility EV charging investments – let's focus on that first important first principle

