



We are an ENERGY & EV CHARGING-AS-A-SERVICE company

We provide SCALABLE, TURNKEY, end to end commercial EV infrastructure solutions

Our customers include commercial fleets, vehicle OEMs and their dealerships, ride-share operators, municipalities and facilities owners.

In-Charge Partners















































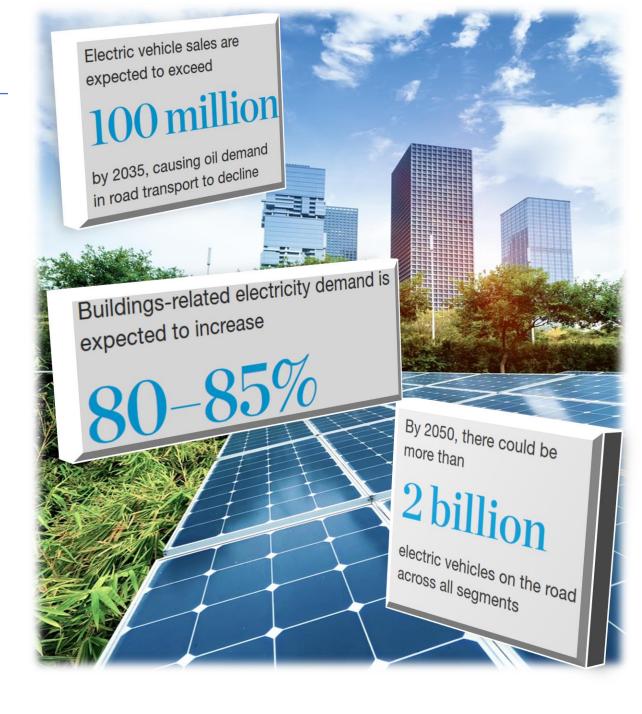




The Commercial Fleet Dilemma

Electrifying a Fleet Requires Infrastructure Expertise

- Introducing large numbers of electric vehicles face multi-factor
 Increases in Electricity Demand that could Undermine the operating cost Savings.
- Utility service upgrades Require Months to Years that put the Deployment Schedule at Risk for the fleet or facility manager. (Vehicles that arrive early are unusable)
- Capital is Required for multi-site deployments and Customer may not own property or be able to build enough infrastructure on site to meet total requirement.
- Myriad incentives, technologies, and design strategies are available, but only a few Guarantee Readiness to ensure vehicles are charged and ready when needed.
- Many solutions are necessary to address market demands. (Mobile Charging, Energy Conservation, Energy Storage, Renewable Energy Production).
- Large Capital expenditures can be an obstacle and created an opportunity for a "Grid on a Skid" model.



In-Charge Energy At-A Glance – A Veteran Team

Staff Leadership



Cameron Funk, CEO Energy Services and EVs innogy e-Mobility US CEO ABM e-Mobility Director



Terry O'Day, COO Renewables, Grid Power, EVs innogy e-Mobility Chief of Strategy NRG Energy & EVgo Vice President



Krishna Vanka, CPO Fleet SaaS, IoT, GIS Verizon, Telogis, VP of Products GeoSoft, Senior Engineer



Van Wilkins, SVP Operations
Electrical & Fleet Fuel Systems
ABM Global EV Operations
TEGG Data Center Development



Bill Maurer SVP Energy Energy Solutions for Facilities ABM – Vice President of Corporate Energy Programs

Board of Directors



Greg Callman, Director
EV, Energy Storage, Class 8 Trucks
Macquarie Capital Managing Director
Tesla – VP Business Development



Tracy Price, Director
Energy Services, Software
Qmerit CEO, ABM SVP
LINC Group CEO, Field Centrix CEO



Bob Stojanovic, EO Director EV Charging Hardware, Microgrids ABB N.A. EV Managing Director ABB Microgrids / Solar Director

Buildings • Energy Software • EV • Fleet

Investors

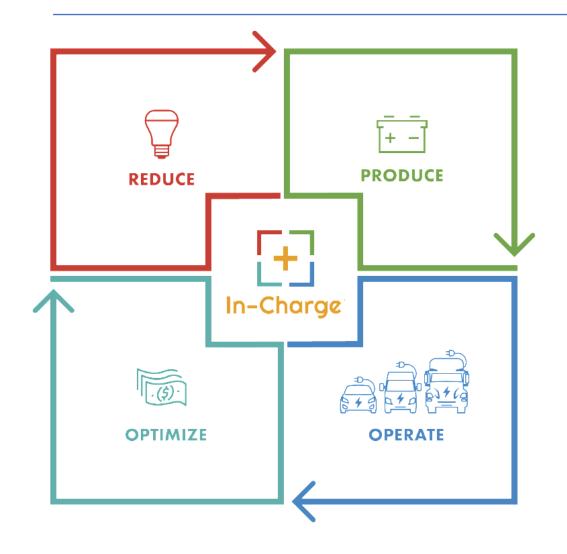


Macquarie Capital has deep sector expertise in infrastructure and energy, real estate, aerospace, financial institutions, telecom, media and technology across the US with 417 transactions completed, valued at \$339 billion in the year ended March 31, 2019



ABB is a technology leader with a history of innovation spanning more than 130 years, ABB operates in more than 100 countries with about 147,000 employees and revenues of over \$37B.

In-Charge Energy At-A-Glace – Differentiation and Approach



- ✓ Most Experienced Team in EV Infrastructure Services
- ✓ Proven Approach to Deployment & Value Creation
 - Reduce utilize Energy Conservations Measures (ECMs) to free up power
 - Produce charging stations, solar, batteries for EV charging
 - Operate fleet-focused software for managing charging and energy use
 - Optimize reduce energy costs, plan upgrades, efficiently maintain stations
- ✓ Deep Partnerships with the Top brands in Electrification
- ✓ Product Development and Deployment to Serve Fleets

Types of EV Chargers to Consider











DC High Power	DC Fast	DC Fast Destination	AC Destination
175-350kW	50kW to 180kW	11kW to 24kW	19kW
500A	125A to 2*200A	37A to 60A	80A
10-20 minutes	10-90 minutes	1-3 hours	4-16 hours



Infrastructure Considerations

- ✓ Utility upgrades take time 6 Months 2 Years
- ✓ Costly upgrades may not be covered by rebates alone
- ✓ Alternative charging strategies should be considered
- ✓ Creative financial solutions may be necessary



















conEdison, inc.





Future-Proofing Your Facility

- Trenching can be expensive and disruptive; avoid doing it a second time
- Add spare conduit, wire, circuits during installation now to save money later
- Future charging station adds will be less expensive and faster to complete
- Sample spare conduit pricing:
 - With equipment and labor, a 50' asphalt plus sidewalk trench & repair could top \$5,000
 - An additional \$500 (up to about \$10 per foot)
 adds spare pipe to avoid retrenching later
- Further options include installing spare wire and circuits with the conduit to make "ready" for future charging stations. Costs will vary







The Remote Site Survey

- Record proposed install location data
 - What charging equipment
 - ➤ Level 2
 - DC Fast Charger
 - > Pedestal or wall mount
 - Images
 - Main Electrical
 - Electrical Panel/Breaker
 - > Spare Breakers
 - > Sketches/Drawings
 - > Site Plan
 - > Electrical Drawing
 - Utility Bills July/August/Sept
 - Peak kW demand



Instructions

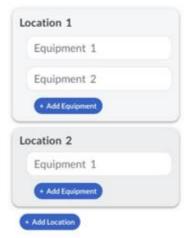
Equipment

Customer Info

Close Out



How to record your findings



- · Work the site location by location
- Use locations to organize what equipment you're gathering information on
- You can add information, images, and notes to each location and equipment section
- At the end of the survey, you'll have an opportunity to add any additional drawings or notes you made, as well as final notes and documents you'd like to add

Be safe!

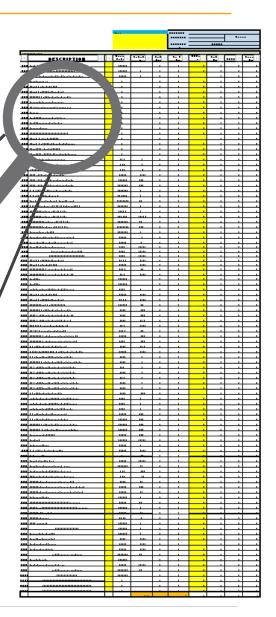
Watch where you're walking and standing while performing the survey



Turnkey Installation Estimator

Create infrastructure quotes that are specific to each site using standardized products and proven designs

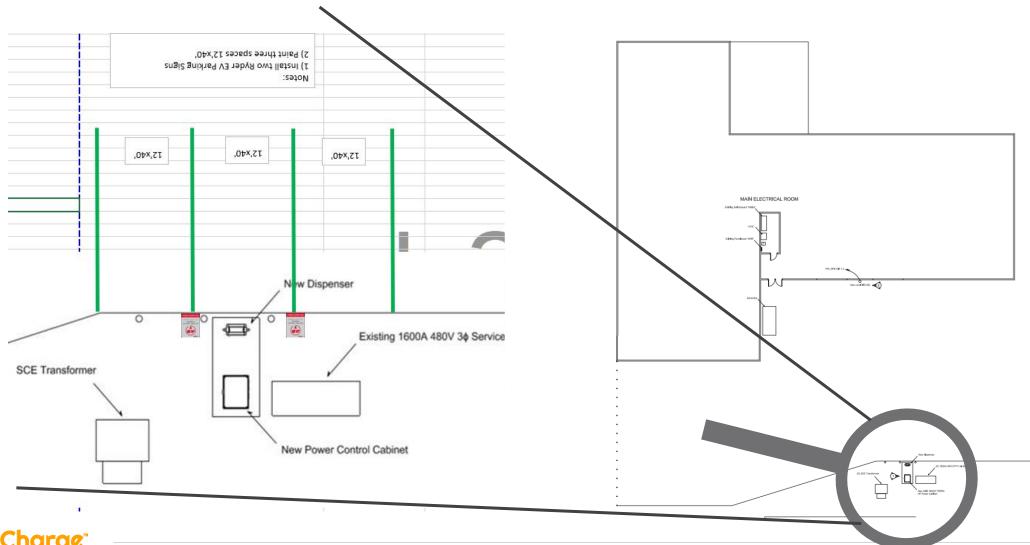
ESTIMATOR V_5-28-20												
ITE -	DESCRIPTION	QT ~	Material Sell Per item	Labor Per ite	1 -	_abor ollars ▽	Assembly S		Additional contractor	Labor Cos 🕌	MATERIAL COST -	Line Item Cost
DES	Project Management	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	1- Pole 20 Amp [Standard 10kAlC]	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	1- Pole 20 Amp [22kAlC or Obsolete Brand]	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	CUSTOM 20 Amp 1 Phase Circuit /Conduit and Wire	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	Painting of Parking space (Green stripping)	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	120 Volt Duplex Receptacle 20 Amp surface mount	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	Signage	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	Bollards 4"x36" Steel capped top boltdown	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	Bollards 4" Steel capped top direct burial	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	Concrete wheel stops	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ELS	CUSTOM SIGNS, LIGHTING, MISC OUTLETS	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ESU	3- Pole 100 Amp [Standard 22kAlC]	0	\$ -	0.0000	\$	-	\$ -			\$0.00	\$0.00	\$0.00
ESU	3- Pole 100 Amp [42kAlC or Obsolete Brand] with outage	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ESU	3- Pole 225 Amp [Standard 22kAlC]	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00
ESU	3- Pole 225 Amp [42kAlC or Obsolete Brand] with outage	0	\$ -	0.0000	\$	-	\$ -	\$	-	\$0.00	\$0.00	\$0.00





Sample Project – Fontana CA

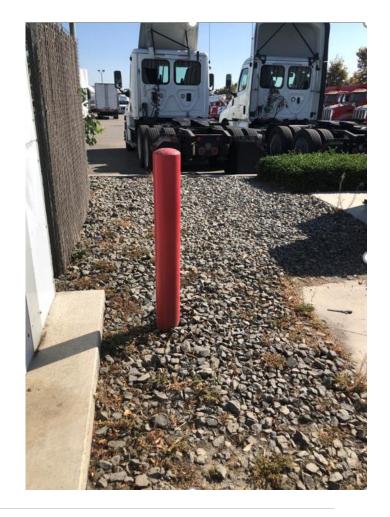
Site Drawing



Site Consultation







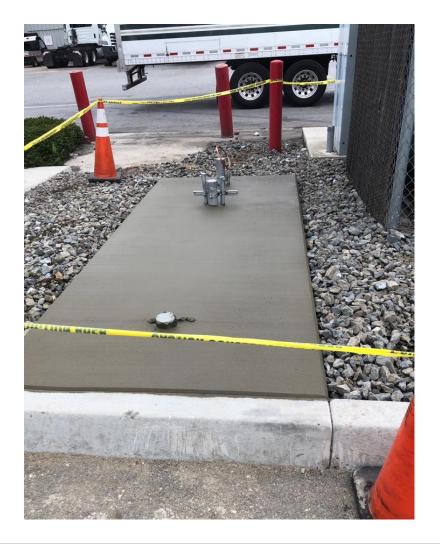


Site Construction











Installed



150kW DC Fast Charger







In Operation









Full-Service EV Charging Tax and Credits Benefits Management

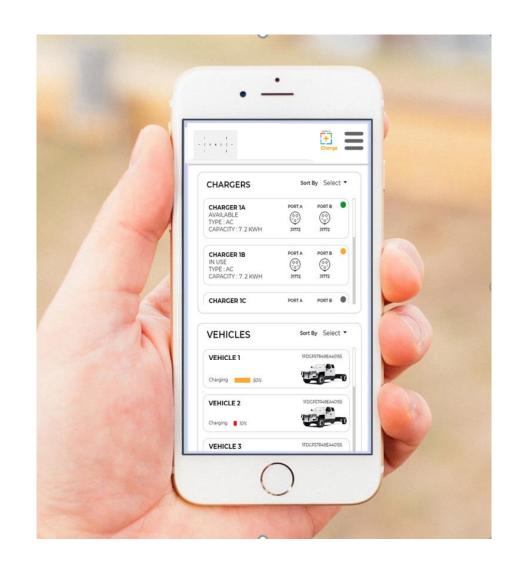
- ✓ Federal and State tax credits and rebates
- ✓ Environmental credits and reporting
- ✓ LCSF Credits (California)





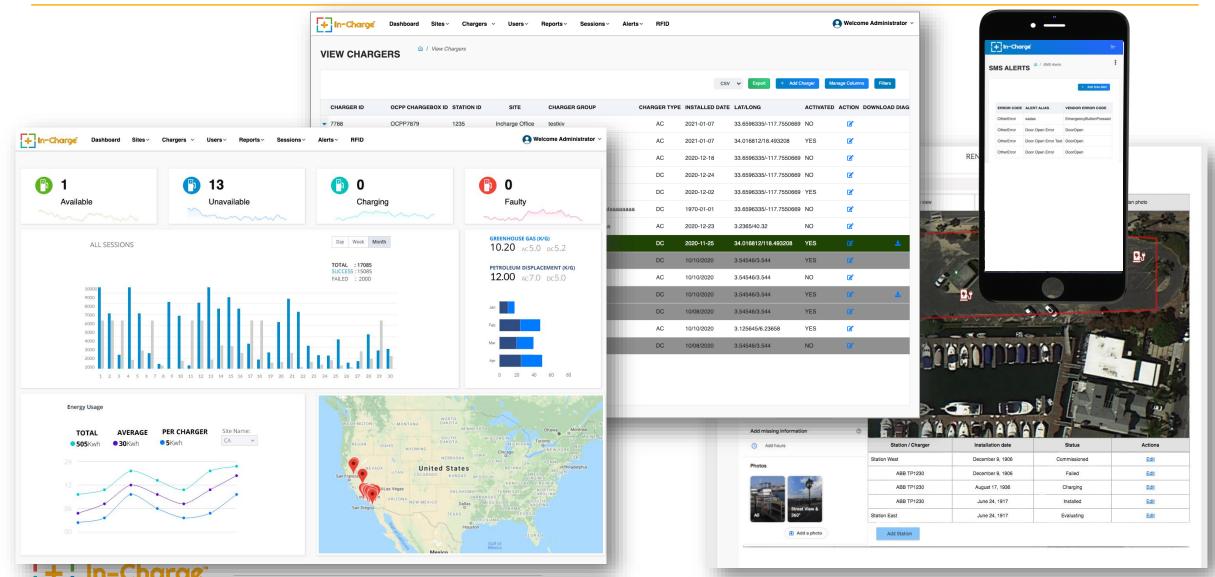
Software Solutions Custom-Designed for Commercial Users

- Many platforms in the market
- None specifically designed for fleet delivery vans
- Many platforms are over / under featured:
 - Payment processing
 - Not able to operate on variety of hardware
 - Expensive monthly fees
 - Not capable of necessary features
- Open Source platforms are best
- Simple to view and use is best

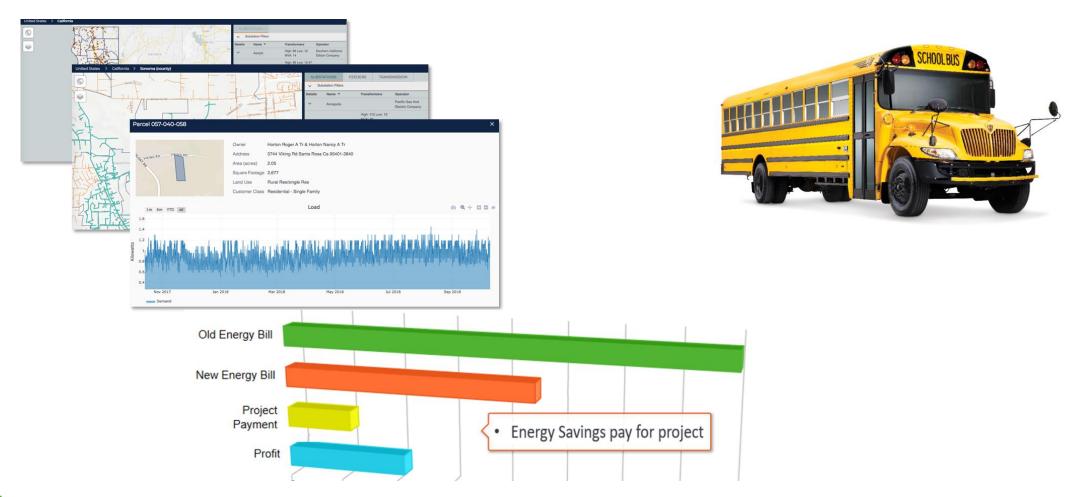




Simple Dashboards Driven by APIs

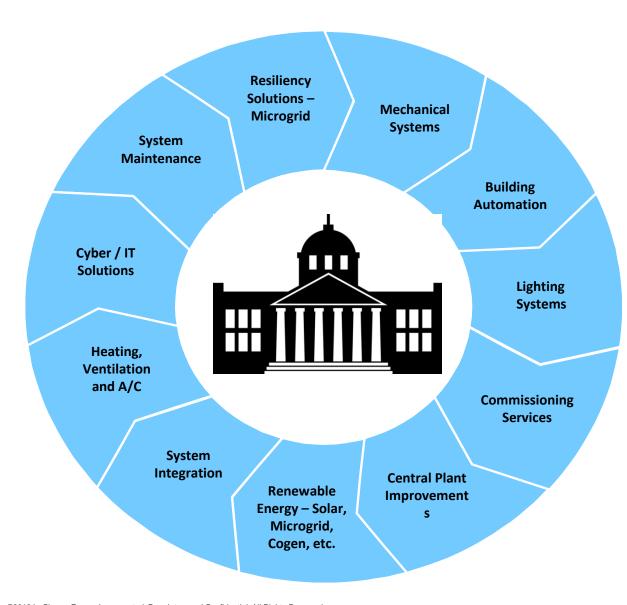


Energy Conservation Measures to Maximize Existing Energy Capacity





Energy Conservation Measures to Maximize Existing Energy Capacity



Facility Improvements

- Makes the necessary improvements throughout the facility that otherwise won't / can't be done
- Protects your facility against unplanned failures HVAC, lighting systems
- NO CHANGE ORDERS!!

Immediate Budget Impact

- Program Pays for itself
- No Capital Burden Program is funded through existing funds
- Produces a POSITIVE CASH FLOW
- Local Utility and Federal Tax Incentives payable to Building Ownership

Provides path to meeting Corporate Sustainability Objectives

Program is recommended by:

- US Federal Government
- Most State Legislatives
- Utilities

Financial Solutions for Critical Systems

Independence from Long term fixed capital Reduce energy costs and relying on outdated Gain access to for infrastructure renewable/clean energy utilization municipal grids or the improvements utility companies Capital for build out of Increase the ability of Resilience given cyber **Invest in socially** new technology, critical being a dominant player security and catastrophic responsible project with facility systems, and long term energy savings in their market geographic issues unfunded improvements **Confidence in lower** Always on power Create partnership with **Distributed energy** energy costs with reduced confidence core communities solution year to year volatility

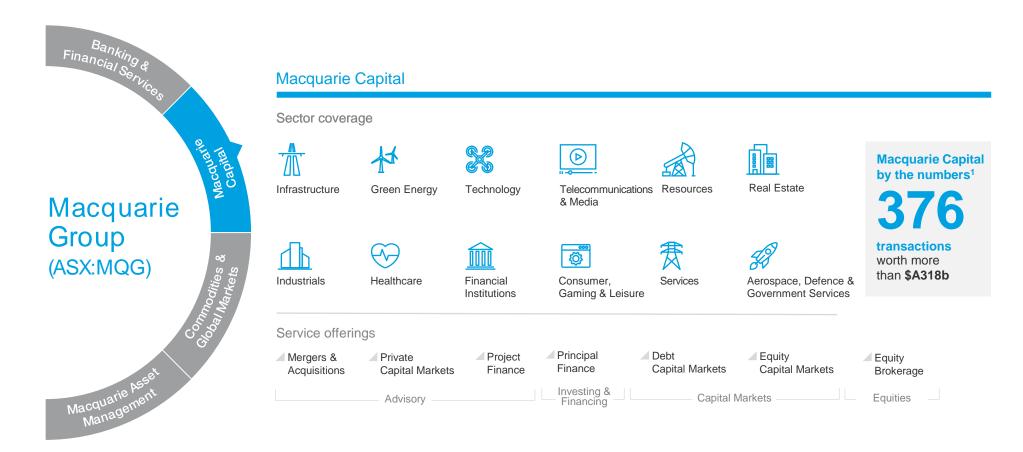








Macquarie Capital offers global corporate finance, investing and development capabilities underpinned by deep specialist expertise across a range of sectors



1. Macquarie Group structure current as at 30 September 2020. Dealogic for Macquarie Group completed M&A, investments, ECM and DCM transactions converted as at 31 March 2020. Deal values reflect the full transaction value and not an attributed value.

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About Macquarie Group Green Investment Group





Macquarie has a purpose-built team (Energy Tech), embedded within an organization with relevant expertise across the value chain



GIG's Global Energy Technology team is purpose-built for its track record



Macquarie invests in companies across the EV value chain



GIG partners to deliver distributed energy services



GIG is a global leader in renewable project development, finance, PPAs

475,000⁺ vehicles financed

Macquarie has internal vehicle finance

Relationships across ecosystem

25+ years

in OEMs

10,000+ **Charging Stations**





15⁺ years

in energy, renewables and sustainability

Macquarie has internal trading and hedging capabilities

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Full suite of financial solutions to grow your transportation electrification initiative.

1. Equipment Lease

- Where minimal / no site or interconnection upgrades required
- Equipment lease for charging equipment (L2 and/or DC)
- Vehicle can be financed on a separate contract, tenor matched
- Standard equipment warranty / SLA

2. Charging as a Service (CaaS)

- All requisite infrastructure, service, and availability commitment structured as a fixed monthly fee
- Includes site / interconnection upgrades, L2 and/or DC chargers, balance of system, redundant equipment, spare parts, custom SLAs
- 10 to 20 year term
- Energy paid separately, or bundled
- Energy management services from basic forecasting and monitoring to advanced management

02

3. Fleet as a Service (FaaS)

- Turn-key solution encompassing full service vehicle lease and charging as a service bundled into an integrated solution.
- Full service lease provided by a Macquarie partner
- Tenor for CaaS will typically exceed vehicle lease

03

Development of EV depots

- Brownfield or greenfield development of charging depots
- Can include re-development and/ or asset capitalisation of existing client depots
- Can be for exclusive use by client fleet, or where client acts as anchor tenant, with other customers on-site
- Enables TSP model where all vehicles return to depot

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