



BROOKLYN, NYC VEHICLE-TO-GRID (V2G) PROJECT

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AGENDA

- PROJECT BACKGROUND
- PROJECT SCOPE
- PROJECT DEVELOPMENT
- REVEL OPERATIONS
- QUESTIONS

PROJECT STAKEHOLDERS



Company Bios:

- Con Edison- one of the USA's largest investor-owned energy-delivery company located in New York City
- Fermata Energy - provides vehicle-to-everything (V2X) software and bidirectional hardware technology turns EVs into energy-storage assets and makes it possible for EVs to combat climate change, increase energy resilience, and reduce energy costs.
- NineDot Energy - is a leading community-scale, clean energy storage developer with a growing portfolio of urban projects across a range of technologies.
- Revel - a Brooklyn-born electric mobility and infrastructure company that's electrifying cities through charging infrastructure and shared electric vehicle fleets.

Result:

- **SUCCESS!!!** Energized 1st bi-directional chargers to be installed on Con Edison's Inner-City electric system

About Revel

Through the Revel app, users can hail an electric car ride or find fast-charging stations compatible with any brand of EV.

- 25 – 75kW DCFC Chargers w/CCS, CHAdeMO, & Tesla connectors
- 250+ Tesla Y's

Revel operates in NYC, DC, Miami, San Francisco with [over 600 W2 employees.](#)



Superhubs

Our fast-charging Superhubs will not only support our all-electric Rideshare fleet, but offer accessible fast charges for any EV.



Ridehail

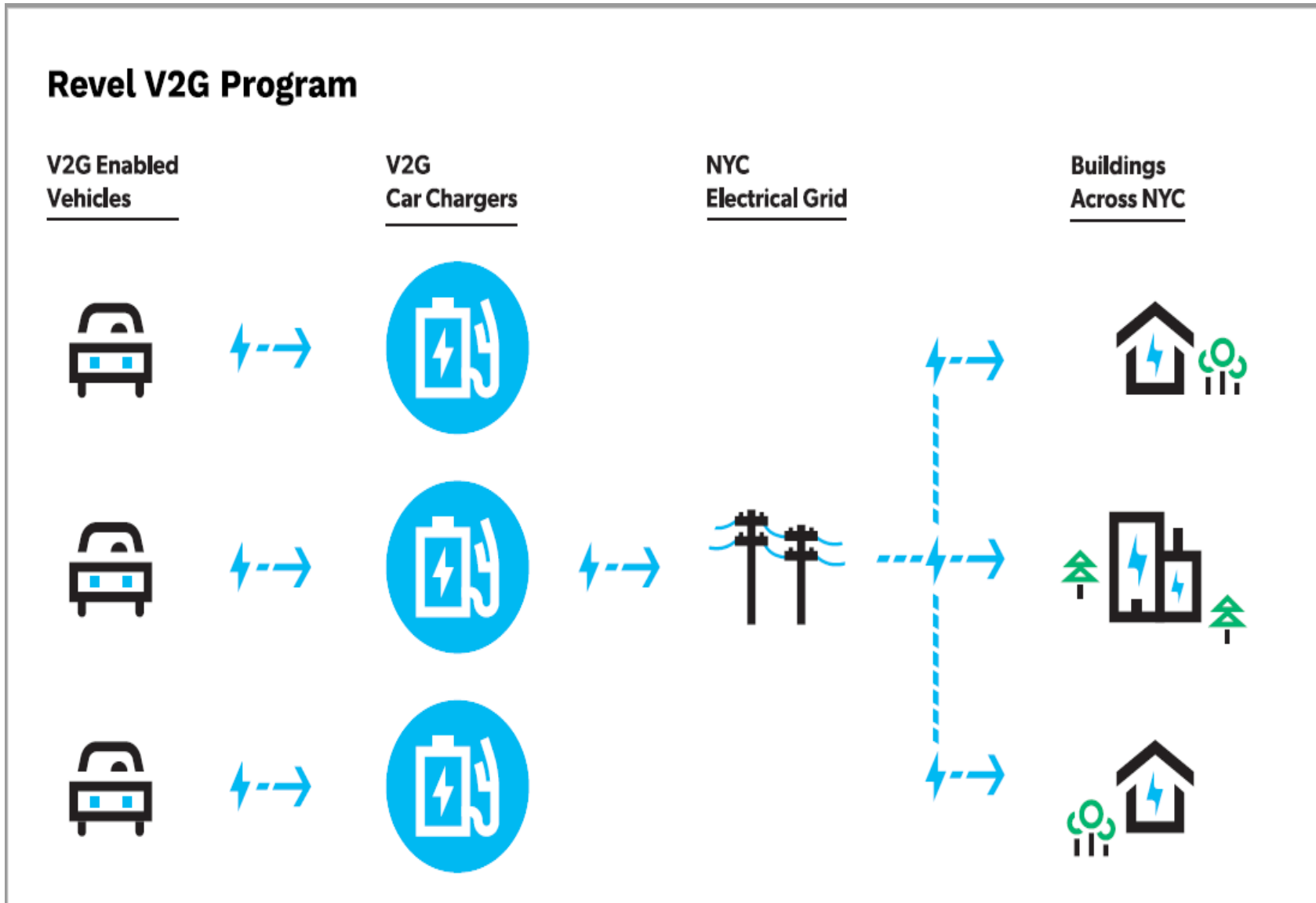
Our all-Tesla, all employee driven fleet elevates the everyday rideshare experience offering passengers more control and comfort.

Project Timeline

- Application for interconnection request: '21
- Application for service determination: '21
- Utility engineering: '22
- V2G construction/Installation: '22
- Utility construction: '22
- Interconnection Certification Tests: '22
- *Permission to export: August 2022*



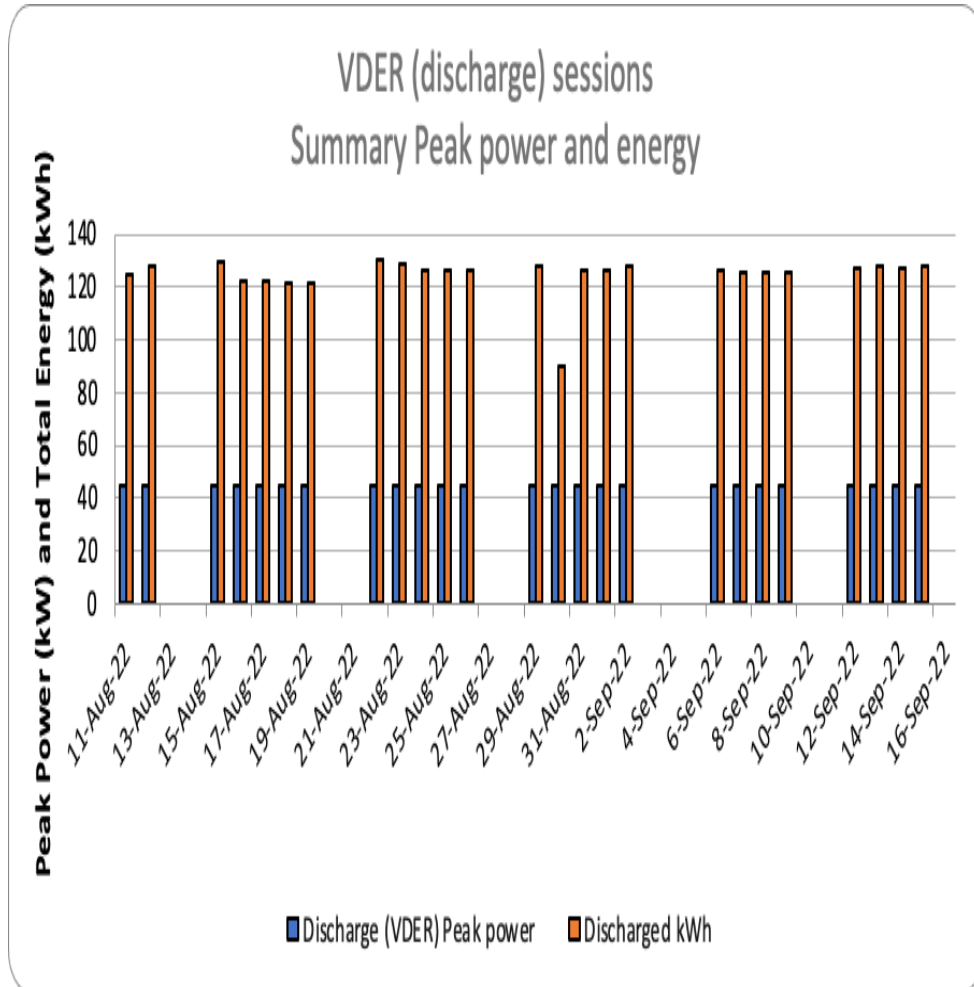
PROJECT PURPOSE / SCOPE



- Purpose: Support Con Edison's electrical grid by exporting power from car batteries to grid during high energy usage (Summer Months)
 - Mon – Fri; June – Sept; 14:00 – 18:00 Hrs
- Location: Brooklyn NY, USA @ Revel car depot
 - 38k residents; 103.7 km²
- System Specs:
 - 3 – '22 Nissan Leafs; 60 kWh x 3
 - 3 – Fermata Energy Bidirectional chargers; 15kW x 3



CHARGING SESSIONS AND FLEET OPERATIONS



Fleet Operations

- 200+ Cars
- 5AM – 2AM
- 400+ Drivers
- 7 Days week.

Maintenance Depot

- V2G charging/discharging
- Tesla Corrective Maintenance & Repair
- Vehicle Wrapping (Tesla)



ANY QUESTIONS

