



Electrification of Transportation

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conEdison



Goals and approaches to EV initiatives

Increase electric vehicle adoption

- Identify and target high potential use cases
- Test concepts and business models
- Form strategic partnerships
- Raise awareness and education about electric vehicle options

Support public charging

- Incentives for public quick charging
- Public quick charge hubs
- MTA buses
- Curbside charging

Encourage off-peak charging

- SmartCharge NY incentive program
- Residential EV time of use rates

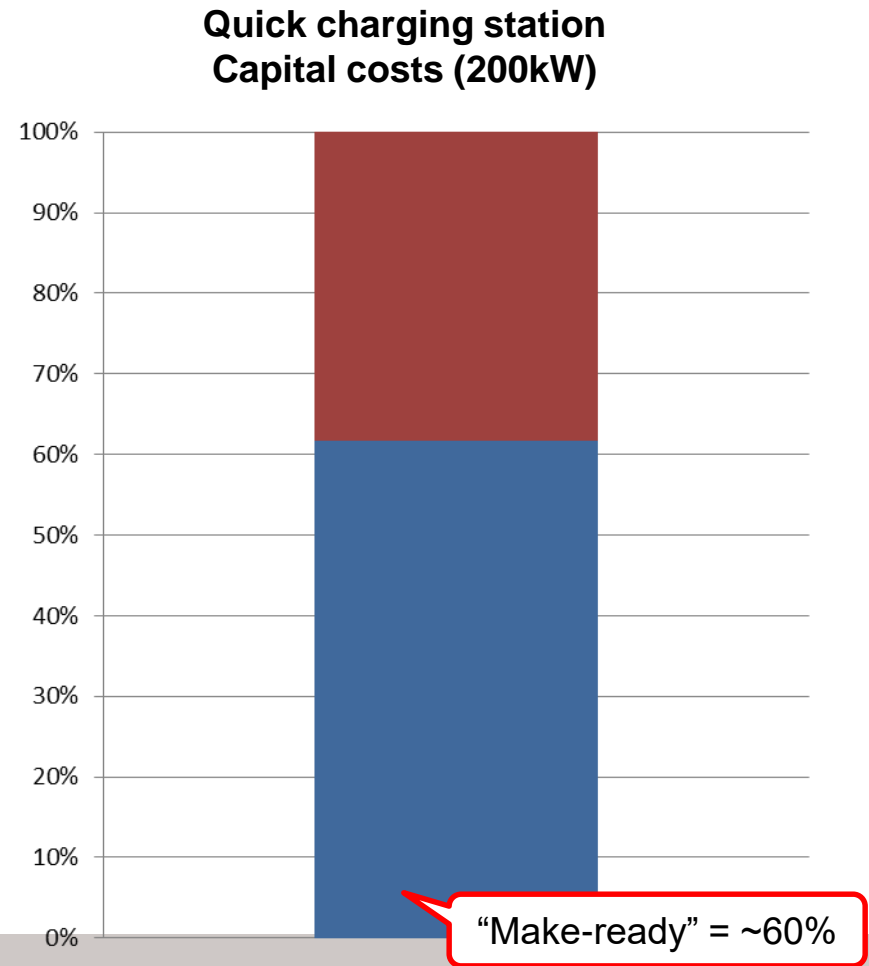
Enhance awareness and education

- NY Auto Show presence for 11 years
- Marketplace

SUPPORT FOR PUBLIC CHARGING

Incentives for public fast charging

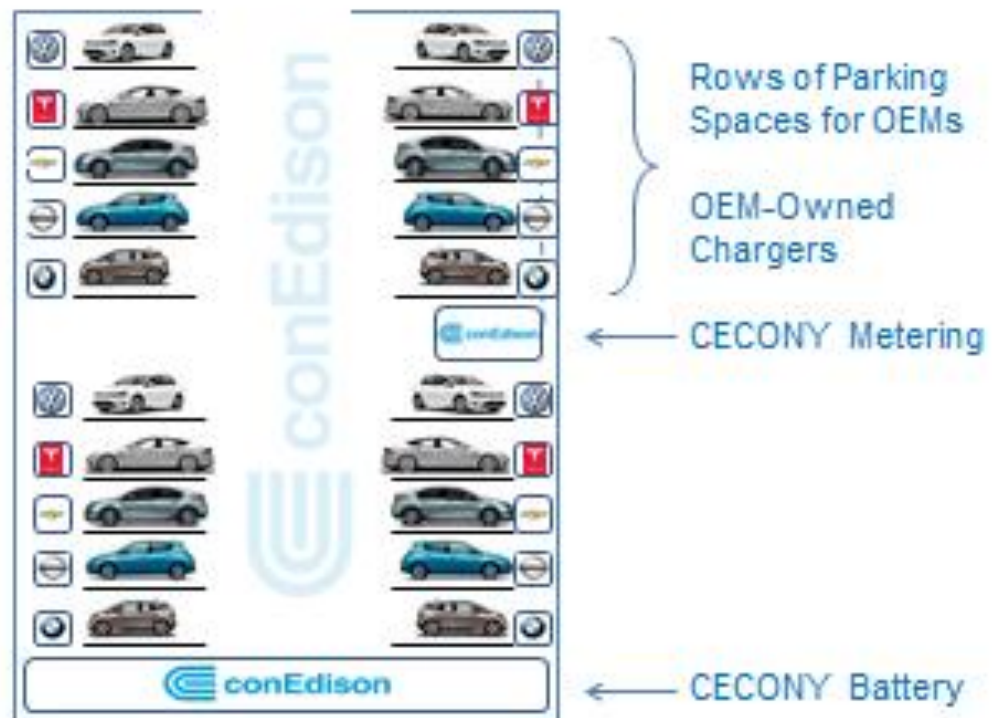
- CECONY Business Incentive Rate (BIR)
- Proposal for additional per plug incentives
- Proposal to invest in “make ready” costs for quick charging
- Almost 2/3 of capital costs on the interconnection in underground network systems



SUPPORT FOR PUBLIC CHARGING

Public quick charge hubs

- Goal: 50 NYC fast charge hubs by 2020
- State plan for Thruway and Airports
- Con Edison considering demonstration of quick charging hub
 - Con Edison non-utility property
 - Co-locate charging providers to optimize site use and share costs



SUPPORT FOR PUBLIC CHARGING

MTA bus electrification



SUPPORT FOR PUBLIC CHARGING

Curbside electric vehicle charging

- Con Edison and partners to deploy ~120 charging ports available for NYC fleet vehicles and public
- The project will test feasibility of siting and operating electric vehicle at street parking
- Will yield data on
 - charging sessions
 - neighborhood acceptance
 - charger utilization
 - installation process
 - hardware durability
- Design must satisfy NYC Public Design Commission and Community Boards
- Plan to file proposal with regulator and deploy in 2019



ENCOURAGE OFF-PEAK CHARGING

Level 1 and Level 2 incentives and rates

- Smart Charge NY rewards off-peak charging
 - Available for light, medium, and heavy duty vehicles
 - Provides \$0.10/kWh incentive for off peak charging (12AM – 8AM), plus bonus incentives for avoiding 2-6pm during summer period
 - Collects key data on charging sessions and driver behavior
 - 93% of the charging is off peak
- EV tariffs available for residential charging
 - EV stand-alone voluntary time of use rate (VTOU)
 - Whole house VTOU with one year price guarantee for EV owners

AWARENESS AND EDUCATION

Vehicle-to-grid school bus

- Con Edison, National Express, and NYSERDA collaborate on five electric school buses in White Plains
- Con Edison will use bus batteries for grid services in summer, when they are unused by schools
- First mass-market electric school buses in region
- Market potential:
 - 8,000 school buses operating in Westchester and New York City
 - Summertime battery capacity about 450 MWh

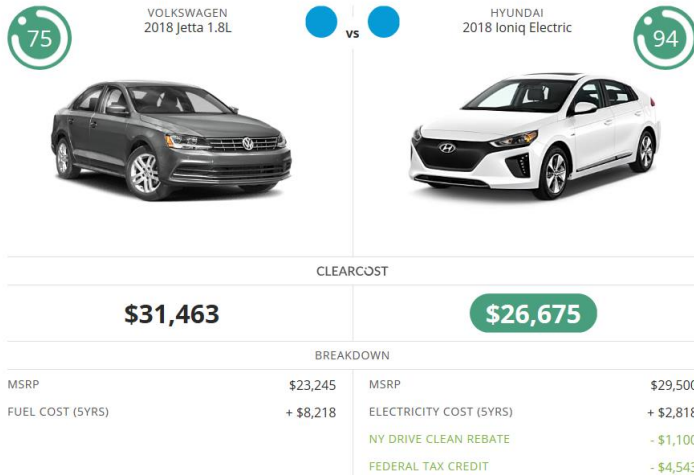


AWARENESS AND EDUCATION

Marketplace demonstration

How much can you save with your next car?

Easily compare your favorite car models based on fuel efficiency, available incentives and total cost of ownership.



conEdison explore all categories Search by type,...

EV Chargers

38 EV Chargers Sorted By **relevance**

\$379 - \$1,900 Wi-Fi Refine Search

Save Search

Don't miss new models and price drops!
Save your search to get price and model updates in your inbox.

ChargePoint 99-001911-02 ChargePoint Home 32A Electric Vehicle (244)	ChargePoint 99-001915-02 ChargePoint Home 32A Electric Vehicle (244)
PRICE DROPS! \$559 See offer	PRICE DROPS! \$519 See offer
ChargePoint 99-001915-02 ChargePoint Home 32A Electric Vehicle (244)	ClipperCreek HCS-40 32 Am... ClipperCreek HCS-40 32 Amp Level 2 EV (117)
PRICE DROPS! \$559	\$565