

ELECTRIC VEHICLES IN NJ

EVE GABEL-FRANK

THE CURRENT EV LANDSCAPE

NEW JERSEY'S EV LAW



Was passed with bipartisan support and signed into law by Governor Murphy in January 2020

- More EVs on the road
- Increase in publicly accessible charging infrastructure
- Electrification of fleets
- EV rebate program

- 330,000 Plug-In EVs by **2025**
- 2 Million Plug-In EVs by **2035**
- 85% of vehicles sold/leased shall be Plug-In EVs by **2040**

**As of December 2020, there were
41,000 EVs registered in New Jersey.**

MORE EVS ON THE ROAD

- 400 DC Fast Chargers (of at least 150 kW) in at least 200 locations by **2025**
- 1,000 Level 2 Chargers by **2025**

	CURRENT	GOAL
Compliant Level 2 Charging stations	439	1,000
DC Fast Charging station locations	65	x
Compliant DC Fast Charging stations locations	6*	200

*Recently awarded DEP grants will have 27 additional charging station locations on the road.

**INCREASE IN PUBLICLY ACCESSIBLE
CHARGING INFRASTRUCTURE**

- 25% of State-Owned Non-Emergency Light Duty Vehicles shall be Plug-In EVs by 2025
 - 100% by 2035
- 10% of new bus purchases by NJ TRANSIT shall be Zero Emission Buses by 2024
 - 50% by 2026
 - 100% by 2032


ELECTRIFICATION OF FLEETS

- First year of program, \$30 Million was used up in short timeframe
- Rebate program has been paused since late 2020, and will be reopening July

EV REBATE PROGRAM

- New legislation introduced (A2108;A5032/S3223)
 - EVSE or EV-ready infrastructure will be considered **permitted accessory use** in all zones, will not require a variance, and will not be subject to site plan or other land use board review.
 - Sets requirements for parking lot/garage developments to install EVSE and EV-ready infrastructure in a certain percentage of parking spaces, with the requirements increasing over time as the market develops
 - Will require municipalities to adopt a uniform minimum requirements ordinance, in line with a model ordinance issued by DCA

EV ORDINANCES

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- DEP It Pays to Plug In Program (charging stations & municipal vehicles)
 - BPU Municipal fleet vehicle and charging program (open until May 30th)
 - NJ Utilities EV programs

FUNDING OPPORTUNITIES