

# Clean Transportation



STATE OF RHODE ISLAND  
**OFFICE OF  
ENERGY RESOURCES**



## 2021 Act on Climate

- ❖ Requires a 45 percent reduction in the state's GHG emissions below 1990 levels by 2030.
- ❖ The transportation sector accounts for more than one-third of statewide greenhouse gas emissions.
- ❖ Adoption of sustainable transportation solutions, such as electric vehicles and related infrastructure, is necessary to lower transportation emissions and combat climate change.



*Governor McKee signing the 2021 Act on Climate*



# Rebate Programs

# DRIVE<sup>EV</sup> Rebate

- ❖ Driving Rhode Island to Vehicle Electrification
- ❖ Administered through a partnership between the Office of Energy Resources (OER) and Rhode Island Infrastructure Bank (RIIB).
- ❖ Launched on July 7<sup>th</sup>, 2022
- ❖ DRIVE<sup>EV</sup> provides rebates for the purchase/lease of electric vehicles to advance our clean transportation objectives.
  - ❖ Reducing transportation emissions
  - ❖ Advancing Act on Climate

NEW VEHICLES	DRIVE <sup>EV</sup> Rebate	DRIVE <sup>+</sup> Rebate	Total Rebate Amount
Fuel Cell Electric Vehicle (FCEV)	\$1,500.00	\$1,500.00	\$3,000.00
Battery Electric Vehicle (BEV)	\$1,500.00	\$1,500.00	\$3,000.00
Plug-In Hybrid Electric Vehicle (PHEV)	\$1,000.00	\$1,000.00	\$2,000.00
USED VEHICLES	DRIVE <sup>EV</sup> Rebate	DRIVE <sup>+</sup> Rebate	Total Rebate Amount
Fuel Cell Electric Vehicle (FCEV)	\$1,000.00	\$1,500.00	\$2,500.00
Battery Electric Vehicle (BEV)	\$1,000.00	\$1,500.00	\$2,500.00
Plug-In Hybrid Electric Vehicle (PHEV)	\$750.00	\$750.00	\$1,500.00

## DRIVE<sup>EV</sup> Program Restrictions

- ❖ Restricted to Rhode Island residents, small businesses, nonprofits, and public sector entities.
- ❖ Purchase or lease must have an agreed-upon value of the vehicle at or below:
  - ❖ \$60,000 for new vehicles
  - ❖ \$40,000 for used vehicles
- ❖ Vehicles must be purchased (or leased) from an RI Dealership or a qualifying Out-Of-State Dealership.
  - ❖ Qualifying Out-Of-State Dealerships must remit the full 7% sales tax associated with the purchase of a vehicle to Rhode Island.
  - ❖ Dealerships must provide a form to OER certifying the remittance.
- ❖ Vehicles must be registered in Rhode Island.
- ❖ Must apply within 120 days of the purchase/lease.
- ❖ Leased vehicles are required to have a lease term of at least twenty-four (24) months to qualify for the program.

# Program Infographics

1,654 rebates awarded as of June 30, 2024

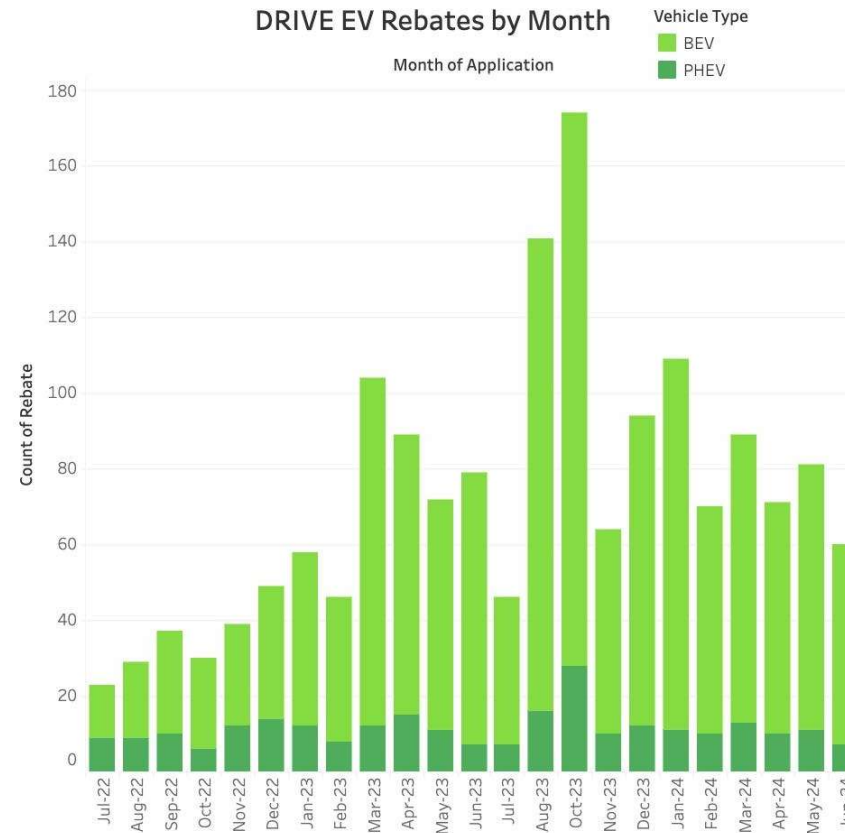
Top 3 vehicle manufactures:

- ❖ Tesla – 840 rebates
- ❖ Chevrolet – 207 rebates
- ❖ Hyundai – 158 rebates

## DRIVE EV Rebate Project

Month of Application

(All)



**June 30, 2024**

**DRIVE EV Total Funding: \$1,250,000.00**

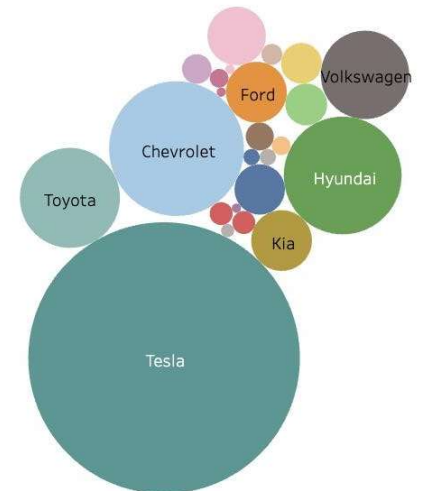
**Funding Available: \$923,250.00**

<b>Vehicle Type</b>	<b>Rebates</b>	<b>New or Used</b>
<input checked="" type="checkbox"/> (All)	<input checked="" type="checkbox"/> (All)	<input checked="" type="checkbox"/> (All)
<input checked="" type="checkbox"/> BEV	<input checked="" type="checkbox"/> DRIVE	<input checked="" type="checkbox"/> New
<input checked="" type="checkbox"/> PHEV	<input checked="" type="checkbox"/> DRIVE +	<input checked="" type="checkbox"/> Used
	<input checked="" type="checkbox"/> Fleet	

### DRIVE EV Rebate Breakdown

Rebates		BEV	PHEV
DRIVE	Count of Re..	1,268	234
	Rebate Am..	2,525,750	304,500
DRIVE +	Count of Re..	112	25
	Rebate Am..	394,000	53,000
Fleet	Count of Re..	14	1
	Rebate Am..	35,000	2,500

### Rebates by Vehicle Category



Last Updated: June 30th, 2024

# Erika Niedowski Memorial Electric Bicycle Rebate Program

- ❖ Administered by OER
- ❖ Launched on October 24, 2022
- ❖ Supports the adoption of E-bikes as a clean, alternative mode of transportation.
- ❖ Standard Rebate:
  - ❖ Up to \$350.00, or 30% (*whichever is less*)
- ❖ Income-Qualified Rebate:
  - ❖ Up to \$750.00, or 75% (*whichever is less*)



# Program Infographics

Total amount awarded: \$761,432

❖ Standard: \$282,891

❖ Income-Qualified: \$478,541

Total rebates awarded: 1,119

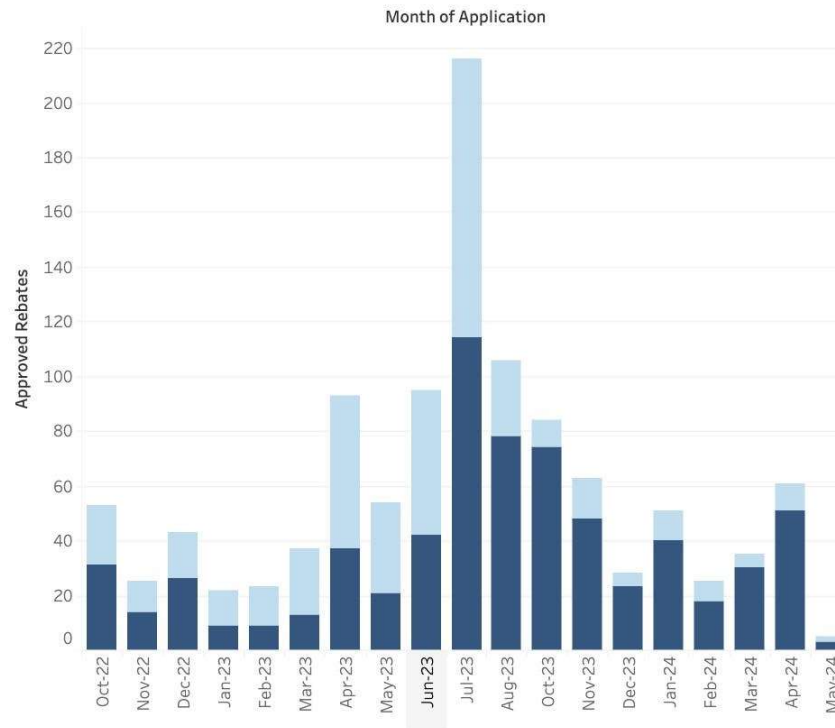
❖ Standard: 681

❖ Income-Qualified: 438

## E-Bike Rebate Program Funding Breakdown

Rebate Type	Approved Rebates	Funds Allocated	Remaining Funds
Income-Qualified	438	478,541	77,620
Standard	681	283,324	77,620

Rebates per Month



Rebate Type

(All)

## E-Bike Rebates per Town

Location	Count
Providence	123
South Kingstown	91
Newport	59
Bristol	59
Warwick	56
Cranston	53
Narragansett	50
North Kingstown	54
Portsmouth	51
Barrington	54
East Providence	50
Middletown	49
Tiverton	38
Jamestown	30
Coventry	29
Pawtucket	28
Charlestown	27
East Greenwich	25
Cumberland	21
Lincoln	22
Westerly	22
Warren	17
Smithfield	13
Johnston	12
North Providence	13
Burrillville	8

Last Updated: July 8th, 2024





# Statewide EV Charging Infrastructure Programs

# National Electric Vehicle Infrastructure Program

## ❖ EV Charging Infrastructure Plan for the State of Rhode Island

- ❖ Infrastructure and Jobs Act (IIJA)
- ❖ Total of \$28.6 million for EV charging infrastructure

## ❖ OER, RIDOT and DEM Collaboration

- ❖ Deployment of the EV charging stations
- ❖ Public-Private partnerships for publicly-accessible EV charging stations
- ❖ Focus on rural corridors and disadvantaged communities

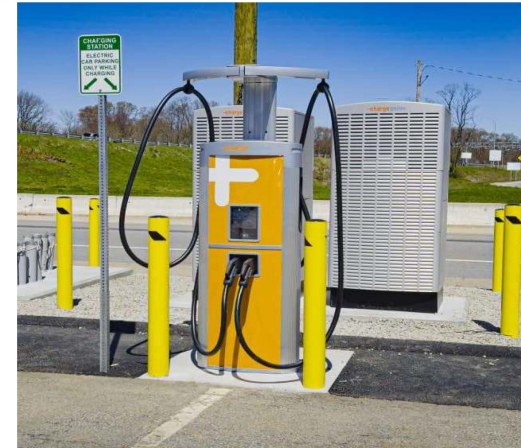


# NEVI Program Phase 1

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- ❖ **Four new DC Fast Chargers (level 3) at two Park & Ride locations**
  - ❖ Rte. 117 Warwick Park and Ride
    - ❖ 292 Centerville Rd, Warwick, RI 02866
  - ❖ Ashaway Park and Ride
    - ❖ 400 Main St, Hopkinton, RI 02833
- ❖ Completed in July 2024
- ❖ First state in the nation to submit a request for fully built-out status.

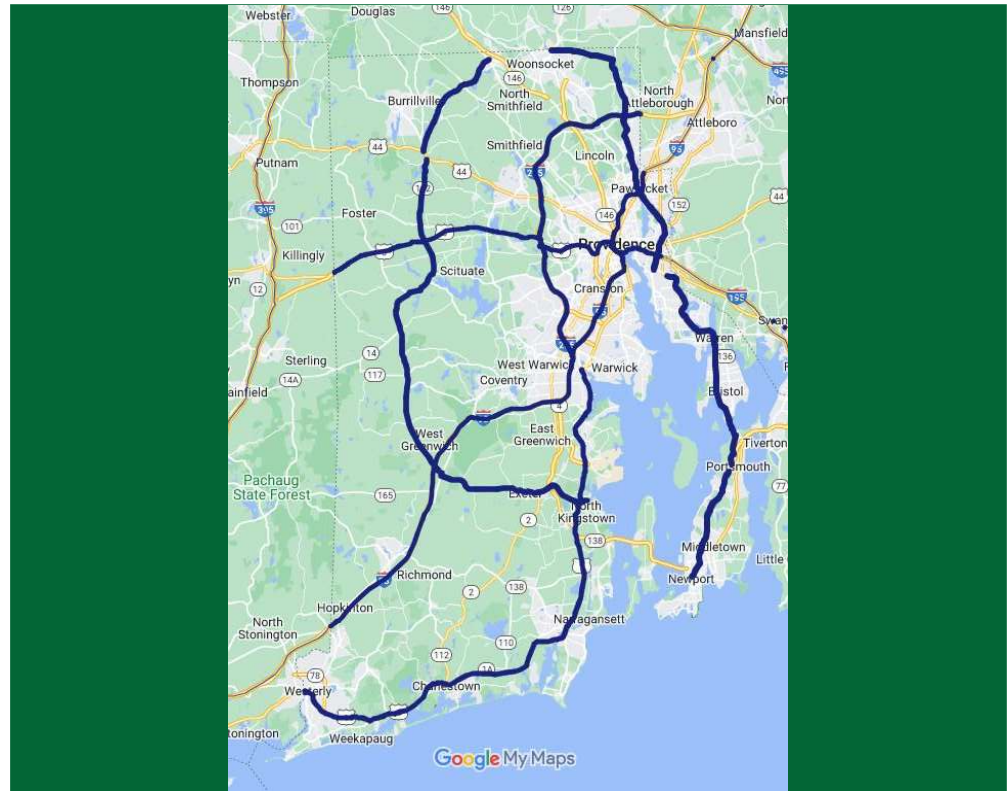
Warwick DC Fast Chargers



# NEVI Program Phase 2

- ❖ Phase 2 design would be focused on building out community-based public charging throughout Rhode Island.
- ❖ Four (4) charging ports per site
- ❖ Must be located on any public road or in other publicly accessible locations open to the public.
- ❖ Stakeholder and community outreach survey completed on May 4, 2024
- ❖ Projected to launch Fall 2024

EVSE Priority Corridors



# Charging and Fueling Infrastructure (CFI) Grant

- ❖ 15 million for EV charging infrastructure
- ❖ Installation of 177 charging stations in Rhode Island
- ❖ Partnerships with 10 municipalities throughout the State
- ❖ Emphasis on Disadvantaged Communities (>50% of proposed sites).
- ❖ Due to the large volume of proposals in 2023, Rhode Island's proposal was not selected.
  - ❖ Strongly encouraged to reapply in 2024



# Charging Infrastructure Across Rhode Island

❖ Publicly available charging station locations: 325

❖ Level 2 Chargers: 284

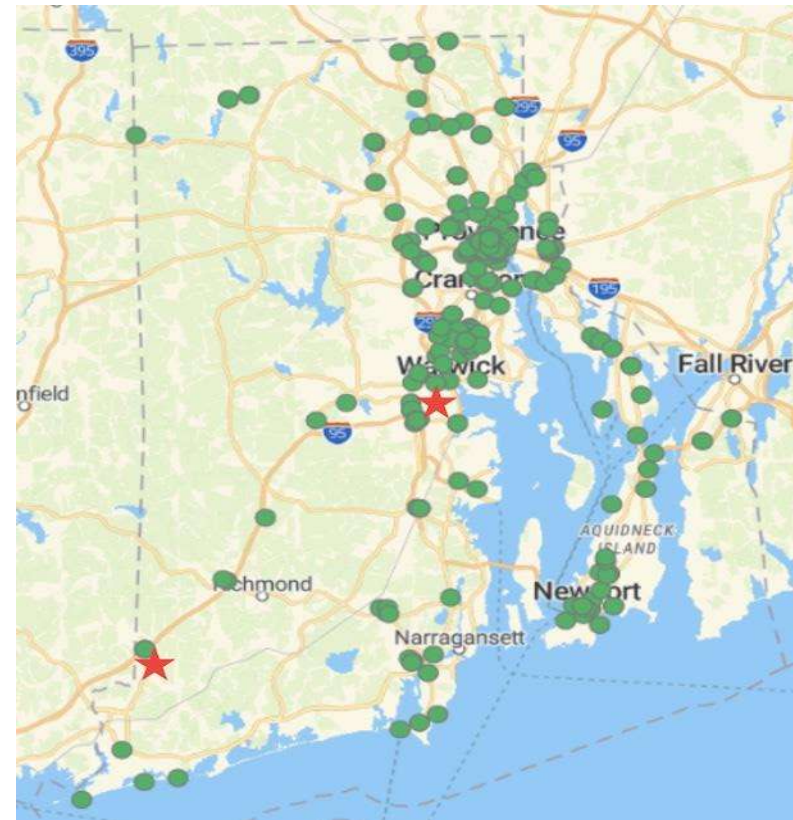
❖ DCFC Chargers: 41

❖ ZEV registrations in RI: 12,272

❖ Battery Electric: 6,956

❖ Plug-In Hybrid: 5,316

❖ As of July 1, 2024





# State Property Charging Infrastructure

# Lead By Example Executive Order

## ❖ Support Lead By Example to reach goals mandated by Executive Order 23-06

- ❖ Mandate of 200 charging stations on state-owned properties by 2030.
- ❖ Mandate requiring that the light-duty state fleet consists of 25% ZEVs by 2030.

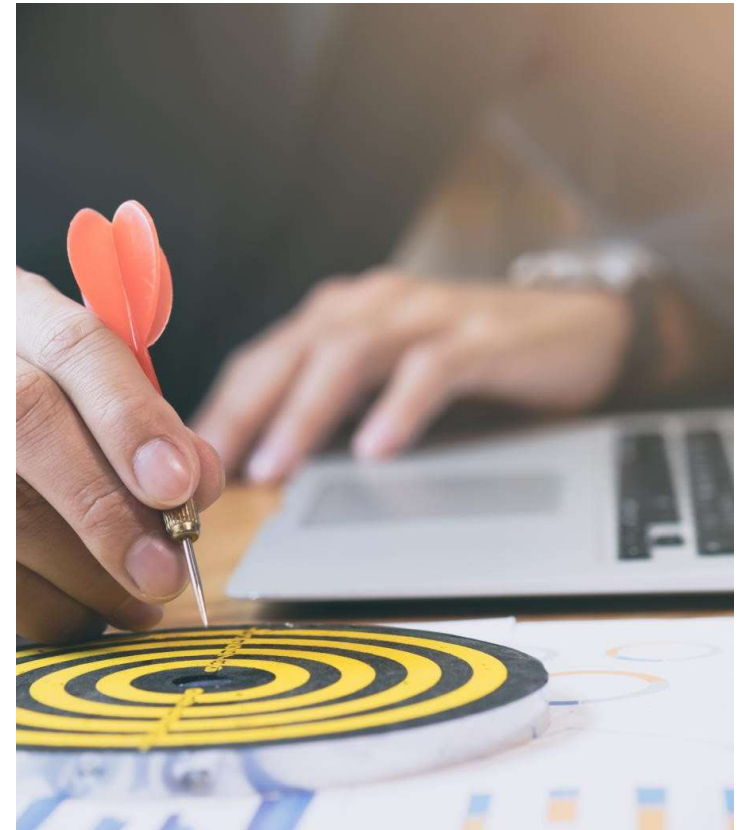
## ❖ Supports the efforts outlined in the Act on Climate to reduce transportation sector emissions.





# State Property Charging Infrastructure

- ❖ 200 charging stations on state-owned properties by 2030
- ❖ OER manages 56 EV charging stations
- ❖ 52 charging stations in developmental stages
- ❖ New law recently passed that establishes a fee for charging on state property.
  - ❖ RI law 42-140-11
  - ❖ Effective January 1, 2025
  - ❖ 30-Day Public Comment





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