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Celebrating Progress, Envisioning the Future

# Sustainable Jersey Purchasing Resource Center

February 19, 2025



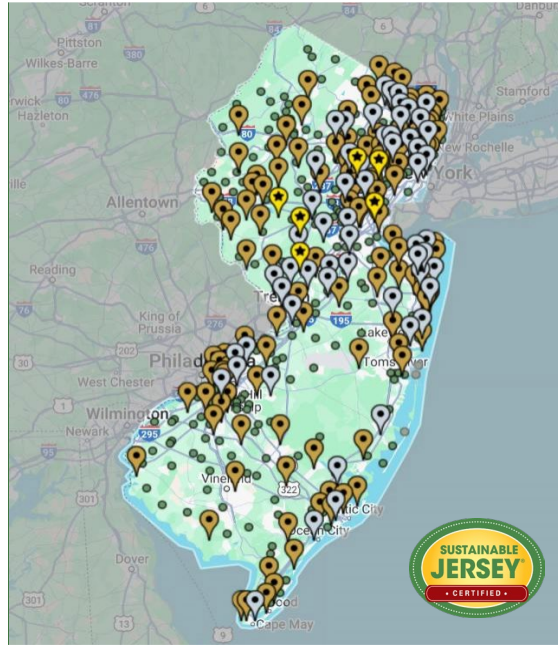
# Agenda

1. Introduction – Mylena Guimaraes (Sustainable Jersey)
2. Sustainable Jersey Purchasing Resource Center
3. Incentives – Cathleen Lewis (NJBPU)
4. EV Resources – Tracey Woods (Sustainable Jersey)
5. Q&A



# Statistics

**27,967**  
Actions  
Implemented



Sustainable Jersey



Sustainable Jersey for Schools

# EV Resources



## Electric Vehicle and Fleet Resources

*Sustainable Jersey is a certification program for municipal governments in New Jersey. Points towards certification are earned by completing Sustainable Jersey actions. Each action focuses on a sustainability goal and provides **best practices, resources, and case studies** from municipalities that are succeeding with the action.*

*Transportation actions in the program provide guidance for municipal and school fleets as well as guidance for promoting adoption of electric vehicles in the community.*

### Recent Sustainable Jersey EV and Fleet Webinars

#### Funding for Transitioning Fleets to EVs (2022)

- [View Recording](#)
- [Download Presentation](#)

#### Join the EVolution (2021)

- [View Recording](#)
- [Download Presentation](#)

### Sustainable Jersey Electric Vehicle Resources

#### Alternative Fuel Vehicle Procurement Guide

Provides information about procurement methods and funding resources for fleet electrification. Click [here](#).



### Fleet Actions

**Fleet Inventory** – This action assists municipalities in completing an inventory of the vehicles currently in the fleet. Fleet analysis shows which vehicles can be retired or replaced to achieve a cost-effective result. The action includes a spreadsheet that automatically calculates the carbon emissions of the municipal fleet.

**Purchase Alternative Fuel Vehicles** – This action awards points for the purchase of electric and other alternative fuel vehicles for the municipal fleet.

**Sustainable Fleets** ([Sustainable Jersey for Schools](#)) – This action awards point for adding alternative fuel vehicles to the school fleet, such as electric buses.

### Actions for supporting adoption of EVs in the community:

**Electric Vehicle Community Outreach** – This action awards points for outreach to residents, businesses, and other entities to encourage adoption of EVs and electric vehicle charging infrastructure (EVSE).

**Public EV Charging Infrastructure** – This action awards points for installation of municipally-supported public EV charging stations.

**Make Your Town EV Friendly** – This action awards points for supportive EV policies and practices, including passing the New Jersey Model Municipal Electric Vehicle Ordinance, and first responder training.

**Need help?** Email [info@sustainablejersey.com](mailto:info@sustainablejersey.com) for help getting started with Sustainable Jersey's Transportation Actions.

[https://www.sustainablejersey.com/fileadmin/media/Actions and Certification/Actions/Energy/EV Resource page.pdf](https://www.sustainablejersey.com/fileadmin/media/Actions_and_Certification/Actions/Energy/EV_Resource_page.pdf)



# Purchasing Resource Center

In the pilot year, this tool is focused on purchasing key green technologies:

1. Electric vehicles (EVs)/Alternative Fuel Vehicles
2. Electric vehicle supply equipment (EVSE)

Additional purchasing resources will be added to the tool over time.

The Purchasing Center will include products from vendors/companies in these spaces so you can *drive sustainability forward with ease.*



## Sustainable Jersey Purchasing Resource Center

Helping you drive sustainability forward with ease!



Introducing the Sustainable Jersey Purchasing Resource Center! We are thrilled to unveil this dynamic online hub designed specifically for school districts and municipalities to access sustainable equipment and services.

Key features of the Purchasing Resource Center:

- Cooperative Purchasing and Purchasing Contract listings are made easy to find
- Quote documents for budgeting and purchasing are included for items not on purchasing cooperatives

In the pilot phase, we are focusing on alternative fuel vehicles and charging infrastructure. This initiative simplifies your procurement process, slashes costs, and empowers you to make a profound environmental impact.

**Disclaimer:** All products seen in this resource are coming directly from the vendors. We strongly encourage you to connect with the vendors to ensure the validity of the products and to involve your purchasing staff in this essential process.

What are you shopping for?

### TRANSPORTATION

- [Alternative Fuel Vehicles](#)
- [EV Charging Equipment](#) (Coming Soon)
- [Fueling/Charging Equipment](#)
- [Idle Reduction Technology](#)
- [Telematics](#)
- [Fleet Inventory Tools](#)

### LANDSCAPE MAINTENANCE

- [Landscaping Equipment](#)

[Bit.ly/PurchasingCenter](https://bit.ly/PurchasingCenter)



## Sustainable Jersey Purchasing Resource Center Electric Vehicle Charging Equipment - BETA VERSION

Home Page

Reset Filters

EV Charging FAQ/Glossary

General Information

Charger Type

Price Range

Purchasing Co-op

Vendor	Charger Type	Purchasing Co-op/Contract	EVSE Details	Pricing	Spec Sheet, Quote	Installation Offered?	Warranty	Safety Features
Vendor name: Troller Electric Point of contact: Brad Denker Preferred contact method: brad@trollerelectric.com or (484) 546-9401	Charger type: Level 2 Charger speed: 80 amp, 19kW	Educational Services Commission of NJ (Formerly Middlesex Regional Educational Services Commission)	Manufacturer: Zerova powered by Noodos Model: AX80 WiFi	Equipment Cost: \$2,900 (MSRP) Please contact us for Discount Pricing.	<a href="#">LINK</a>	Yes	Length of initial manufacturer's warranty: 2 Years Extended Warranty: Contact us for Pricing Warranty Covers: Charging cables, Connectors, Power modules (Parts Only). Warranty excludes: Vandalism, Acts of nature, Operations & Maintenance (Parts & Labor) Warranty is also available upon request. O&M Warranty covers: Parts & Labor Warranty excludes: Vandalism, Acts of nature.	Over-current protection Over Voltage Protection Under Voltage Protection Surge Protection Device Rated for outdoor installation
Vendor name: Troller Electric Point of contact: Brad Denker Preferred contact method: brad@trollerelectric.com or (484) 546-9401	Charger type: Level 2 Charger speed: 48 amp, 11kW	Educational Services Commission of NJ (Formerly Middlesex Regional Educational Services Commission)	Manufacturer: Zerova powered by Noodos Model: AX48 WiFi	Equipment Cost: \$1,990 (MSRP) Please contact us for Discount Pricing.	<a href="#">LINK</a>	Yes	Length of initial manufacturer's warranty: 2 Years Extended Warranty: Contact us for Pricing Warranty Covers: Charging cables, Connectors, Power modules (Parts Only). Warranty excludes: Vandalism, Acts of nature, Operations & Maintenance (Parts & Labor) Warranty is also available upon request. O&M Warranty covers: Parts & Labor Warranty excludes: Vandalism, Acts of nature.	Over-current protection Over Voltage Protection Under Voltage Protection Surge Protection Device Rated for outdoor installation
Vendor name: Troller Electric	Charger type: DC	Educational Services	Manufacturer:	Equipment	<a href="#">LINK</a>	Yes	1 month of initial manufacturer's	Over-current protection

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**Disclaimer:** Sustainable Jersey has created the Purchasing Resource Center to serve as a guide for municipalities and schools in New Jersey who are pursuing green transportation technologies. The information provided in this resource should be verified by each user. It is important to note that Sustainable Jersey is not affiliated with any of the vendors listed on this resource, and does not sell any products or services. Sustainable Jersey is a non-profit organization that seeks to empower communities with the tools, training and financial incentives necessary to pursue critical sustainability initiatives. Learn more about [Sustainable Jersey](#).



# EV & EVSE Incentives

Cathleen Lewis, NJBPU

<https://njcleanenergy.com/residential/programs/electric-vehicle-incentive-programs>



# Tools to Use



- Provides best practices and helps answer FAQs

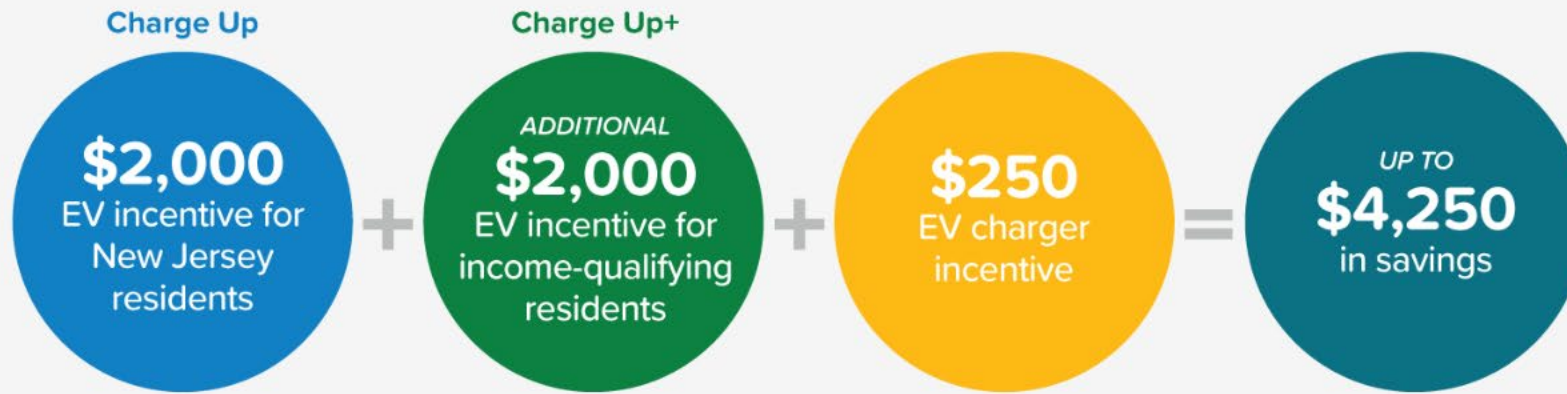
## Charge Up Your Town:

Best Management Practices to  
Ensure Your Town is EV Ready





Residents can take advantage of the Charge Up New Jersey incentive directly at the car dealership or showroom and apply the incentive instantly to their purchase or lease at the point-of-sale.



### CHARGE UP

The Charge Up incentive provides \$2,000 to eligible New Jersey residents for the purchase or lease of a new **eligible EV**.

### CHARGE UP+

The Charge Up+ incentive provides an additional \$2,000 for income-qualifying applicants, for a total incentive of \$4,000.

### EV CHARGER INCENTIVE

Charge Up New Jersey also offers up to \$250 for the purchase of a qualifying Level 2 charger through the **In-Home EV Charger Incentive**.

# Charge Up New Jersey

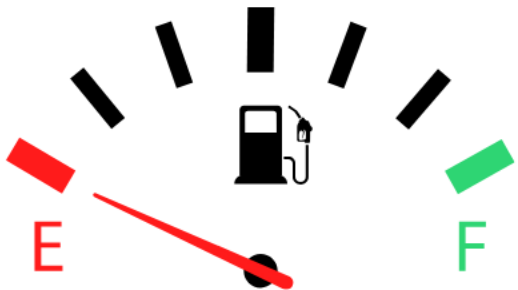
[Chargeup.njcleanenergy.com](https://chargeup.njcleanenergy.com)



*With Charge Up, the upfront cost on many EVs is the same as a comparable conventional vehicle.*

## 2025 Chevy Equinox

### Conventional



**Final price: \$28,600**

Save \$6,500 upfront with electric! \*

### Electric

MSRP: \$33,600

- \$7,500 Federal Clean Vehicle Tax Credit
- \$2,000 Charge Up New Jersey
- \$2,000 Charge Up New Jersey+ \*

MSRP: ~~\$33,600~~ → **\$22,100**



Thanks to Clean Fleet, two of the five cheapest new cars on the market this year are EVs!

## 2024 Tesla Model 3

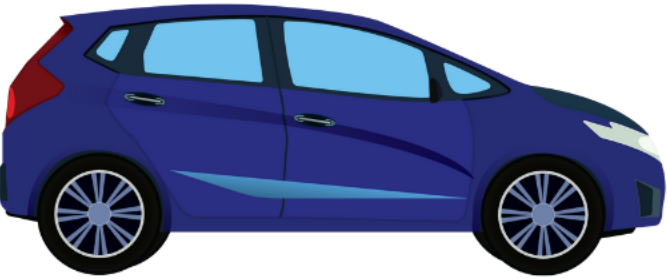
~~\$27,990~~ → \$16,490



MSRP: \$27,990 *	
– \$ 7,500	<b>Federal Clean Vehicle Tax Credit</b>
– \$ 4,000	<b>Clean Fleet Incentive</b>
<hr/>	
\$16,490	Final price
	Before taxes or additions



## 2024 Nissan Leaf

~~\$28,140~~ → \$20,390



MSRP: \$28,140 *	
\$3, 750	<b>Federal Clean Vehicle Tax Credit</b>
\$ 4,000	<b>Clean Fleet Incentive</b>
<hr/>	
\$20,390	Final price
	Before taxes or additions

## Cheapest New Cars

1.  2024 Tesla Model 3  
\$16,490
2. 2024 Mitsubishi Mirage ES  
\$18,160
3. 2024 Nissan Versa S  
\$19,200
4.  2024 Nissan Leaf  
\$20,390
5. 2024 Hyundai Venue SE  
\$21,275

\* MSRPs are obtained from the manufacturer's website and are current as of 10/01/2024.  
\*\* Conventional vehicle prices obtained from Cars.com April 22 list of the 10 Cheapest cars; EV prices were calculated by subtracting incentives from the MSRPs on the manufacturer's websites. The Cars.com list was re-order to reflect the lower EV prices.



# Residential Chargers

Thanks to Charge Up, EV chargers are more affordable for you and your neighbors.

## ChargePoint Home Flex Hardwired

Costs and Incentive Amounts

MSRP <i>As listed on the manufacturer's website, current as of 10/01/2024</i>	\$549
Installation <i>Estimate from the International Council on Clean Transportation</i>	\$680
Federal Tax Credit <i>30% of the cost with a maximum amount of \$1,000 per item Note: This is an estimate, your tax credit will be determined when you file your taxes. Information from the IRS.</i>	-\$369
Charge Up New Jersey Incentive <i>As listed on the Charge Up New Jersey Website, current as of 10/02/2024</i>	-\$250
Average Utility Incentive <i>Calculated by taking an average of the incentives ACE, JCP&amp;L, RECO, and PSE&amp;G offer, utility incentives as listed on the utility's website, current as of 10/02/2024</i>	-\$510

## Blink HQ 200

Costs and Incentive Amounts

MSRP <i>As listed on the manufacturer's website, current as of 10/01/2024</i>	\$599
Installation <i>Estimate from the International Council on Clean Transportation</i>	\$680
Federal Tax Credit <i>30% of the cost with a maximum amount of \$1,000 per item Note: This is an estimate, your tax credit will be determined when you file your taxes. Information from the IRS.</i>	-\$384
Charge Up New Jersey Incentive <i>As listed on the Charge Up New Jersey Website, current as of 10/02/2024</i>	-\$250
Average Utility Incentive <i>Calculated by taking an average of the incentives ACE, JCP&amp;L, RECO, and PSE&amp;G offer, utility incentives as listed on the utility's website, current as of 10/02/2024</i>	-\$510

## Pulsar Plus 40A

Costs and Incentive Amounts

MSRP <i>As listed on the manufacturer's website, current as of 10/01/2024</i>	\$649
Installation <i>Estimate from the International Council on Clean Transportation</i>	\$680
Federal Tax Credit <i>30% of the cost with a maximum amount of \$1,000 per item Note: This is an estimate, your tax credit will be determined when you file your taxes. Information from the IRS.</i>	-\$399
Charge Up New Jersey Incentive <i>As listed on the Charge Up New Jersey Website, current as of 10/02/2024</i>	-\$250
Average Utility Incentive <i>Calculated by taking an average of the incentives ACE, JCP&amp;L, RECO, and PSE&amp;G offer, utility incentives as listed on the utility's website, current as of 10/02/2024</i>	-\$510



\$1,229



\$100

\$1,279



\$135

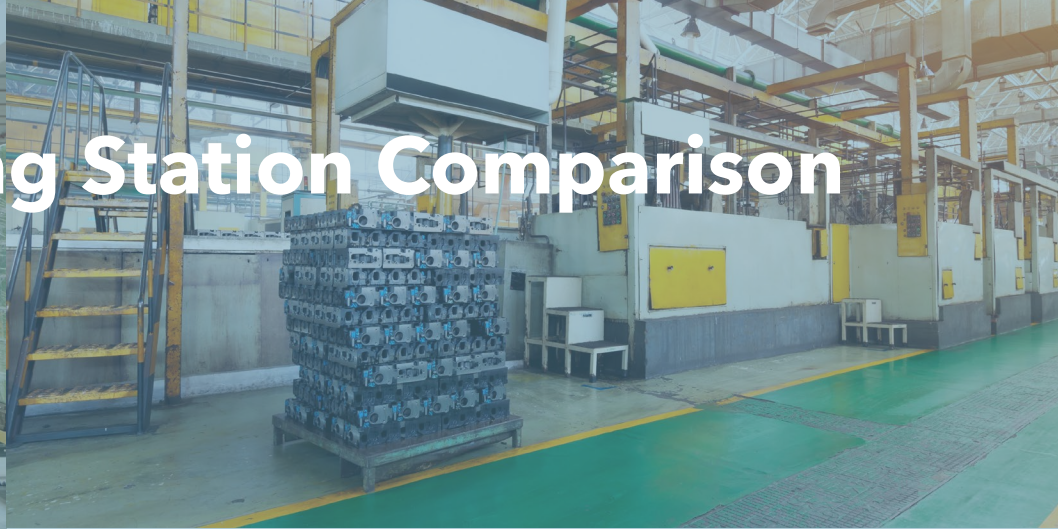
\$1,379



\$170



# EV Charging Station Comparison

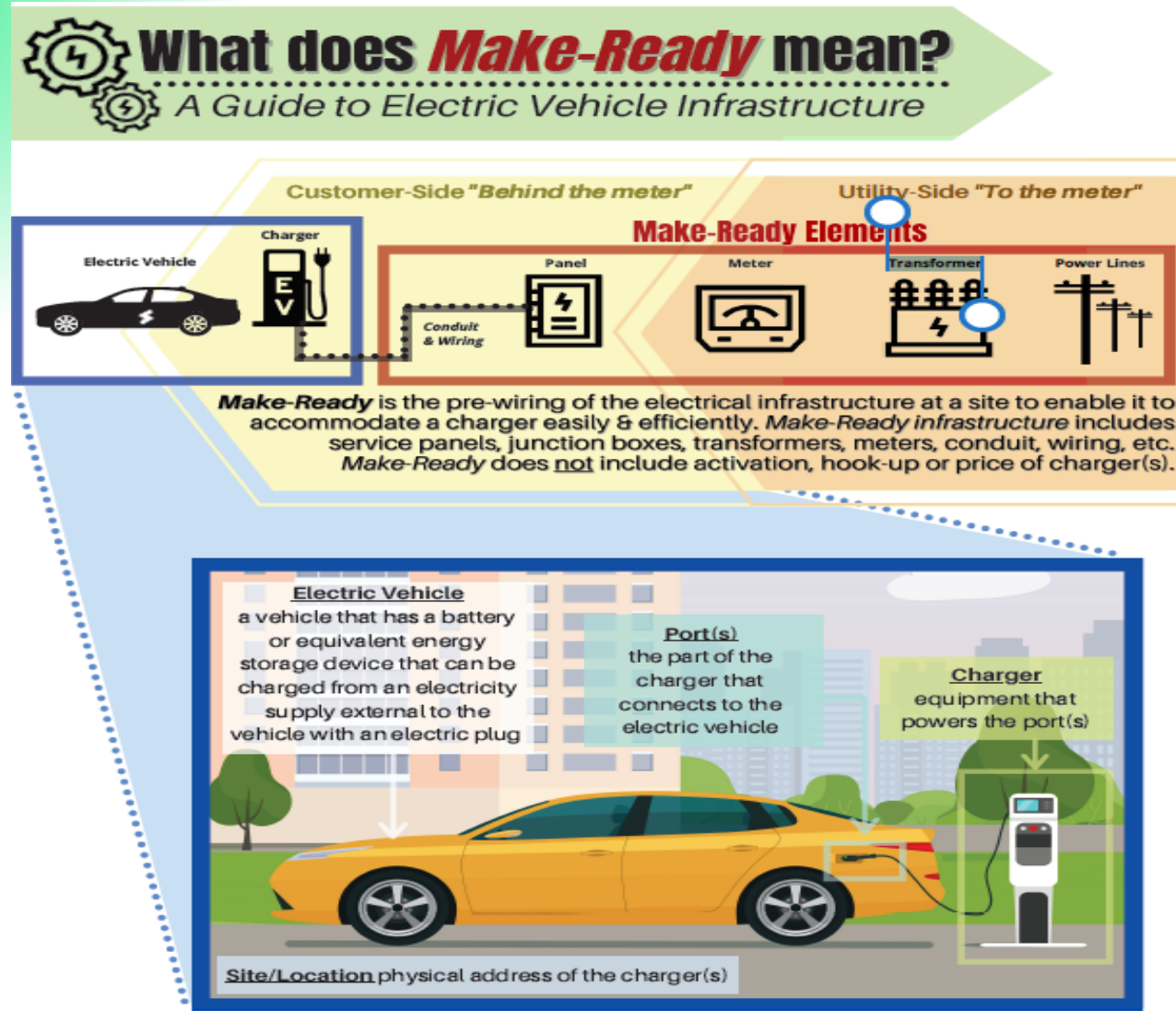


	AC Level 1	AC Level 2	DC Fast Charger
<b>Voltage</b>	120V 1-Phase AC	208V or 240V 1-Phase AC	480V 3-Phase AC
<b>Suitable for Installation</b>	Single-family Multi-family	Single-family Multi-family Commercial Municipal/Private Fleet	Municipal/Private Fleet Public Metro Areas Highway rest stops
<b>Amps</b>	12-16 Amps	12-90 Amps (typical 32 Amps)	<125 Amps (typical 60 Amps)
<b>Charging loads</b>	1.4 - 1.9 kW	2.5 - 19.2 kW (typical 7 kW)	<90 kW (typical 50 - 350 kW)
<b>Charge time for vehicle</b>	3-5 miles of range per hour	10-20 miles of range per hour	80% charge in 20-30 minutes
<b>Best for</b>	6+ hour or overnight charge	2-6 hour dwell times	High turn over
<b>Station hardware cost</b>	\$500 - \$1,000 per port	\$600 - \$5,000 per port	\$7,000 - \$50,000 per port



# Make Ready

The infrastructure required to power an EV charger is called the Make-Ready work.



New Jersey's  
**cleanenergy**  
program™

New Jersey Department of Environmental Protection • Bureau of Mobile Sources  
July 2021

**drive green**  
new jersey  
[DriveGreen.nj.gov](http://DriveGreen.nj.gov)



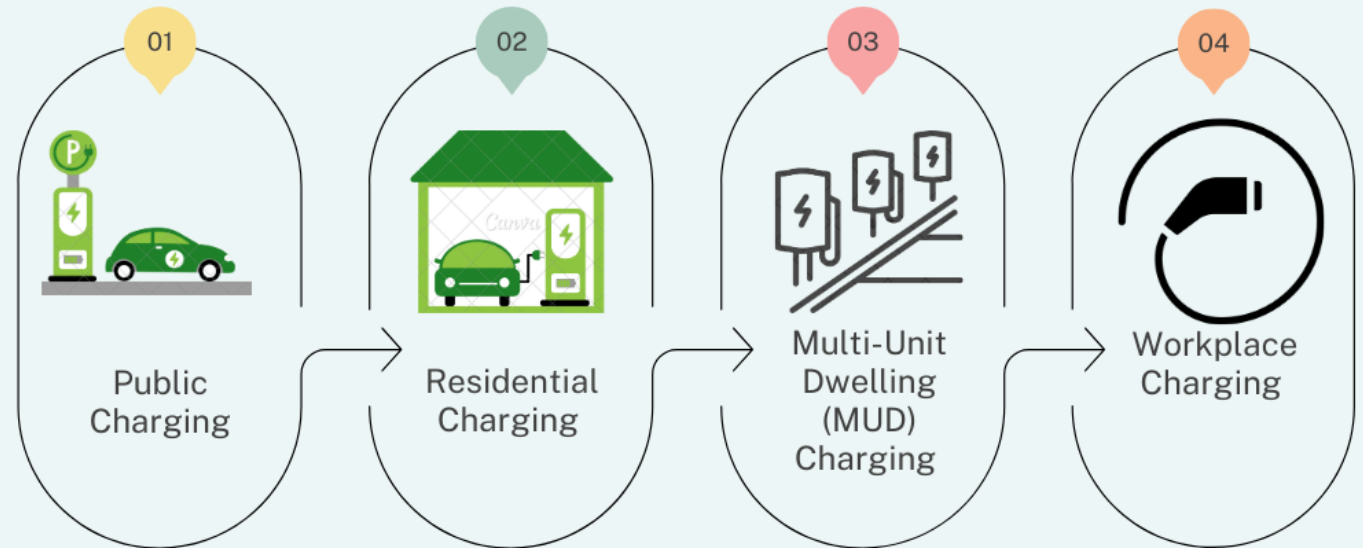
# EVSE Requirements

To provide consistency across our programs, BPU EV Program requirements include:

- Energy Star certified, as required by the Appliance Act (applicable for Level 1 & 2 chargers)
- Vehicles and chargers may not be purchased prior to application\*
- Meet or exceed federal uptime requirement – 97% \*
- Networked dual-port charger that is on a network pre-approved by the State
- Must share charging data with entity that awards grant & with state
- Incentives may be stacked with utility make-ready incentives, up to the amounts allowed by the utility's stipulation of settlement (No more than 90% of total cost of project). Federal tax credits are not part of that calculation. BPU incentives may not be stacked with the New Jersey Department of Environmental Protection's ("NJDEP") It Pay\$ to Plug In Program for the same charger.

Over \$200 in  
incentives  
are available  
from NJ's  
utilities

## Utility Incentives provide funding for the Make Ready for different EV charging use cases



COMING  
SOON!

# UTILITY MHD PROGRAMS

## PUBLICLY ACCESIBLE

*Available by schedule, subscription  
or first-come, first-serve, open 24-7.  
Designed for MHD vehicles (pull  
through stalls, higher wattage)*

## PUBLIC FLEETS

*Government owned fleets (ie  
municipal, county, state, police,  
school, NJ Transit)*

## PUBLIC SERVING FLEETS

*Third-party providers of public  
transportation (ie school buses,  
providers of NJ Transit, etc)*

## PRIVATE FLEETS

*Certain Private Fleets located in  
or serving OBM or OBCE along  
Federal Freight EV Corridor*

## TECHNICAL \$ PLANNING






*Available for all fleets, MUD, public  
charging over 500 kW*

**FILINGS DUE FEBRUARY 27, 2025**

# Non-IOU customers

- Customers in a municipal utility's service area are not eligible for the same Make-Ready incentives through their utility.
- To address this BPU applied for and received USDOE funding to provide incentives for Make Ready for residential, MUD and public charging.
- Funding levels:
  - Level 2 charger – up to 50% of the cost, up to \$5,000
  - Fast Charger – up to 50% of the cost, up to \$50,000
- Application can be made by applying for any of the EV charger programs listed on [njcleanenergy.com/ev](https://njcleanenergy.com/ev), there is a question regarding Non-IOU funding
- For residential charging email [EV.Programs@bpu.nj.gov](mailto:EV.Programs@bpu.nj.gov)



LEVEL 2 CHARGING STATIONS (L2)					
Program	 <p>NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION</p> <p><u>It Pay\$ to Plug In</u></p>	 <p><u>Electric Vehicle Charging Program</u></p>	 <p>atlantic city electric®</p> <p>An Exelon Company</p> <p><u>EVsmart Rebates</u></p>	 <p>Jersey Central Power &amp; Light</p> <p>A FirstEnergy Company</p> <p><u>EV Driven Program</u></p>	 <p>Orange &amp; Rockland</p> <p><u>Rockland Electric EV Charging Program</u></p>
Eligibility	Multi-Unit Dwelling, Publicly accessible, Workplace, Fleet	Multi-Unit Dwelling and Publicly accessible L2. <i>(Workplace and fleet chargers are NOT eligible unless they're publicly accessible)</i>	Residential, Multi-Unit Dwelling, Workplace, Fleet, Publicly accessible L2	Residential, Multifamily, Mixed-Use L2: Workplace & Public	Residential, Multifamily, Workplace, and Publicly accessible
Incentive	Up to \$4,000 per L2 port (min: 2, max: 20 per location)	<p>Up to \$7,500 per L2 stub (make-ready meter-to-stub)</p> <p>Plus up to \$10,000 per site (make-ready – service upgrade)</p>	<p>Residential – 50% of make-ready up to \$1,000;</p> <p>Multifamily – 75% of make ready up to \$5,000 per port;</p> <p>Workplace – 50% of make ready up to \$4,500 per port;</p> <p>Fleet – 50% of make ready up to \$2,500 per port;</p> <p>Public L2 – 50% of make ready up to \$4,500 per port</p>	<p>For all sub-programs below, “per site” is the utility make-ready incentive and “per port” is the customer make-ready incentive.</p> <p><b>Residential Charging*:</b> Up to \$5,500 per site and \$1,500 per port</p> <p><b>Multifamily*:</b> Up to \$11,100 per site and \$6,700 per port in non-OBCs/\$8,375 per port in OBCs</p> <p><b>Workplace:</b> Up to \$11,100 per site and \$5,000 per port</p> <p><b>Public L2:</b> Up to \$11,100 per site and \$6,700 per port</p> <p><small>*Customers are eligible to apply for off-peak charging credits in these</small></p>	<p><b>Residential:</b> Up to \$5,000 per plug for Utility-sided costs and 50% of make-ready customer sided costs up to \$1,000 per plug</p> <p><b>Commercial:</b> Between 50% and 100% of the make-ready utility sided costs (depending on the commercial customer tier) up to \$4,400 per plug for and between 50% and 100% of the make-ready customer sided costs (depending on commercial customer tier) up to \$9,200 per plug</p>

# Utility Program Descriptions

- [utilitysummary.pdf \(nj.gov\)](https://www.nj.gov/utilitysummary.pdf)

# Contact List for EV-Related Information & Service Upgrades

Utility	Utility-Specific EV Team	Utility Service Upgrade	Electric Rates and EV Charging Bill Impacts
ACE	For general Evsmart program questions email: <a href="mailto:Evsmart-ACE@ICF.com">Evsmart-ACE@ICF.com</a>  Or Email: <a href="mailto:Evsmart-ace@atlanticcityelectric.com">Evsmart-ace@atlanticcityelectric.com</a>	Visit <a href="#">Service Requests</a> page or call the appropriate local engineering office for your location at: Cape May: 609-463-3823 Glassboro District: 856-863-7906 Pleasantville District: 609-645-4667 Winslow District: 856-753-2808	Email: <a href="mailto:Evsmart-ace@atlanticcityelectric.com">Evsmart-ace@atlanticcityelectric.com</a>
JCP&L	Visit: <a href="http://firstenergycorp.com">New Jersey EV Driven (firstenergycorp.com)</a>	Visit: <a href="#">Establish or Upgrade Service</a>	Email: <a href="mailto:NJEVDriven@firstenergycorp.com">NJEVDriven@firstenergycorp.com</a>
ORU / RECO	Email: <a href="mailto:recoev@oru.com">recoev@oru.com</a>	Visit: <a href="https://www.oru.com/en/small-medium-sized-businesses/project-center">https://www.oru.com/en/small-medium-sized-businesses/project-center</a>	Email: <a href="mailto:recoev@oru.com">recoev@oru.com</a>
PSEG&G	Email: <a href="mailto:PSEG-Electric.Vehicles@pseg.com">PSEG-Electric.Vehicles@pseg.com</a>	Visit: <a href="#">Upgrades and New Installations</a> Or Email: <a href="mailto:PSEG-Electric.Vehicles@pseg.com">PSEG-Electric.Vehicles@pseg.com</a>	Email: <a href="mailto:PSEG-Electric.Vehicles@pseg.com">PSEG-Electric.Vehicles@pseg.com</a>

**Talk to your utility  
“Early and Often”**

# CLEAN FLEET EV & CHARGING INCENTIVE

## Award Caps

Municipalities, Local govt' entities, schools, non-profits serving	EVs	Charging Stations
<i>serving populations &lt; 20,000</i>	4	2
<i>serving populations &gt; 20,000</i>	10	4
<i>serving populations &lt; 50,000</i>	14	8
<i>serving populations &gt; 100,000 including state, colleges, universities &amp; counties</i>	20	15

# CLEAN FLEET EV & CHARGING INCENTIVE

## ELIGIBLE ENTITIES

State government, municipalities, schools, local govt' entities, and non-profits

## VEHICLES

\$4,000 for light duty EV  
 \$10,000 for Class 2b-6 EV

## PUBLIC CHARGING

\$5,000 per Level 2 charger  
 \$50,000 per Fast charger

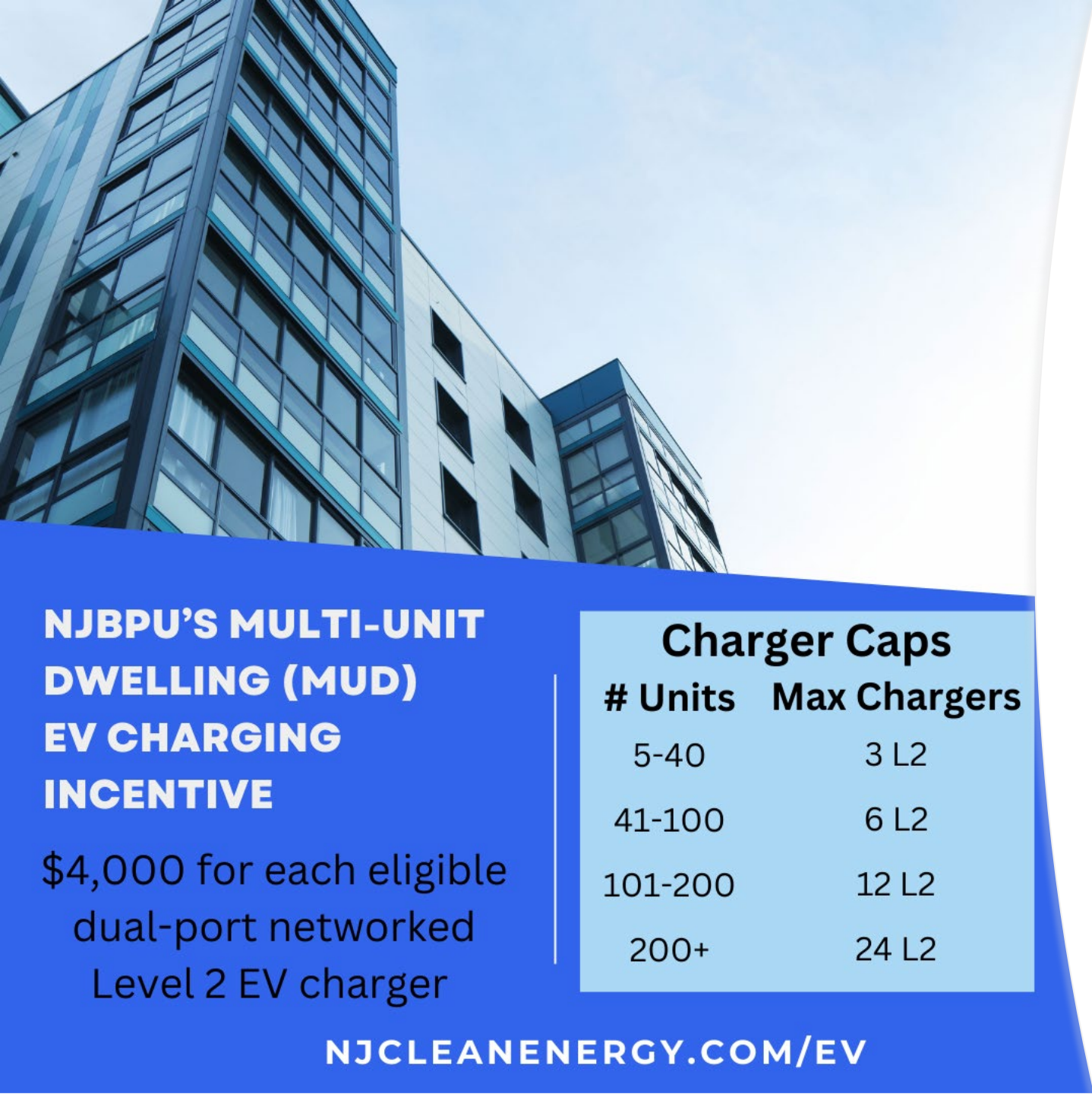
## FLEET CHARGING

\$4,000 (& \$4,000 Make Ready) per L2 charger  
 \$50,000 (& \$50,000 Make Ready)per Fast charger

## ADMINISTRATIVE REQUIREMENTS

must be dual-port, networked chargers, caps based on population. 50% bonus for overburdened municipalities

OBMS are eligible for a 50% bonus



**NJBPU’S MULTI-UNIT  
DWELLING (MUD)  
EV CHARGING  
INCENTIVE**

\$4,000 for each eligible  
dual-port networked  
Level 2 EV charger

Charger Caps	
# Units	Max Chargers
5-40	3 L2
41-100	6 L2
101-200	12 L2
200+	24 L2

**[NJCLEANENERGY.COM/EV](https://njcleanenergy.com/ev)**

- MUDs located in an OBM or deed restricted developments are eligible for \$6,000 per charger



# Multi-Unit Dwellings, Commercial Level 2, and Public DCFC chargers

*Multi-unit dwelling & public EV chargers are more affordable.*

## Generic Charger Costs

Costs and Incentive Amounts

Average MSRP <small>Based on Program data</small>	\$6,900
Make Ready <small>Based on program data</small>	\$15,048
Federal Tax Credit <small>Note: This is an estimate based on the Clean Vehicles Tax Credit information on the IRS website. Your tax credit will be determined when you file your taxes.</small>	-\$6,584
MUD or Clean Fleet Incentive <small>As listed on the Charge Up New Jersey Website, current as of 10/02/2024</small>	-\$4,000
Average Utility Incentive <small>Calculated by taking an average of the incentives ACE, JCP&amp;L, RECO, and PSE&amp;G offer, utility incentives as listed on the utility's website, current as of 10/02/2024</small>	-\$6,733

~~\$21,948~~

**\$4,630**

*79% savings!*

## Generic DCFC

Costs and Incentive Amounts

Average MSRP <small>Based on Program data</small>	\$56,962
Make Ready <small>Based on program data</small>	\$168,276
Federal Tax Credit <small>Note: This is an estimate based on the Clean Vehicles Tax Credit information on the IRS website. Your tax credit will be determined when you file your taxes.</small>	-\$67,571
Clean Fleet Incentive <small>As listed on the Charge Up New Jersey Website, current as of 10/02/2024</small>	-\$50,000
Average Utility Incentive <small>Calculated by taking an average of the incentives ACE, JCP&amp;L, RECO, and PSE&amp;G offer, utility incentives as listed on the utility's website, current as of 10/02/2024</small>	-\$47,500

~~\$225,238~~

**\$59,917**

*73% savings!*



# NJ Agencies with EV Incentive Programs

- **Board of Public Utilities**

- Charge Up NJ (Cash on the hood)
- EV charging at multi-unit dwellings (MUDs)
- EV charging at tourist attractions
- Clean Fleet program (Light-duty EVs and charging for government and nonprofits)
- Utility EV charging and make-ready programs
- RGGI medium-and-heavy duty EV charging program

- **Economic Development Authority**

- NJ Zero Emission MHDV Incentive Program (NJZIP)

- **Department of Environmental Protection**

- It Pay\$ to Plug In Charging Station Grants
- Electric School Bus Grant Program
- eMobility Grants
- MHDV Electrification Grants



# More Information

@NJCleanEnergy, @NJBPU

**Cathleen Lewis**

Clean Transportation

Programs Manager

[Cathleen.Lewis@nj.bpu.gov](mailto:Cathleen.Lewis@nj.bpu.gov)



**Twitter (X)**

[twitter.com/NJCleanEnergy](https://twitter.com/NJCleanEnergy)



**Facebook**

[facebook.com/NJCleanEnergy](https://facebook.com/NJCleanEnergy)



**LinkedIn**

[linkedin.com/company/njbpu](https://linkedin.com/company/njbpu)



New Jersey's  
**cleanenergy**  
program™



# **Additional Resources**

**Tracey Woods, Sustainable Jersey**



**Sustainable Jersey has  
provided technical  
assistance to over 100  
municipalities and  
school districts**

## **Some of the content covered in the technical assistance program:**

- Applying for State and utility energy efficiency incentives
- Energy tracking and management
- Assistance with fleet electrification and renewable energy planning
- Other sustainability planning

By the way, if you are interested in getting free energy technical assistance for your school district or municipality email [\*\*info@sustainablejersey.com\*\*](mailto:info@sustainablejersey.com) to learn about current technical assistance options.



# Direct Pay Eligibility

- Tax-exempt organizations, including municipalities and school districts, are eligible for Direct Pay tax incentives.
- Eligible entities typically must be sole owners of project to take advantage of Direct Pay program.



Runnemedes's Code Enforcement EV at the Green Fair





# Direct Pay Eligible Projects

Category	Eligible Projects	Base Tax Credits
<b>Qualified Commercial Clean Vehicles</b>	qualifying clean vehicles e.g. EVs and Plug-in Hybrids  For eligible vehicles, see: <a href="https://www.irs.gov/credits-deductions/commercial-clean-vehicle-credit">irs.gov/credits-deductions/commercial-clean-vehicle-credit</a>	Up to \$7,500 per light vehicle  Up to \$40,000 per larger vehicle
<b>AFV Refueling/Charging Equipment</b> (non-urban and low-income)	qualified fuels include electricity, ethanol, natural gas, hydrogen, and biodiesel	Up to 30% for eligible equipment
<b>Investment Tax Credit</b> (Most municipal and school renewable energy projects fall into this category.)	solar, geothermal, small wind, energy storage, fuel cells, biogas, microgrid controllers, and combined heat and power properties	Typically 30% of costs
<b>Production Tax Credit</b>	wind, biomass, geothermal, solar, small irrigation, landfill and trash, hydropower, marine and hydrokinetic energy	Varies by project type

Full list of Direct Pay eligible tax credits at [irs.gov/pub/irs-pdf/p5817g.pdf](https://www.irs.gov/pub/irs-pdf/p5817g.pdf).



# Direct Pay: Filing Deadlines

## General Rule

Filing deadline: 4.5 months after the end of the tax year your project was completed

## Filing Options

**Option # 1:  
Calendar Year**  
Jan 24 - Dec 24

**Option # 2:  
Fiscal/Tax Year**  
July 23 - June 24

## Filing Deadline

May 15

Nov 15

**Six-month extended deadline**  
for some first-time filers,  
including most municipalities  
and school districts, for  
projects completed in FY24

May 15, 2025

- ☐ File tax forms with IRS
- ☐ Entities need to pre-register to get IDs for each project, e.g. 10 EVs = 10 ID numbers
- ☐ It may take more than a month after registration to receive project IDs

**Register:**

<https://www.irs.gov/credits-deductions/register-for-elective-payment-or-transfer-of-credits>

# EV Charging Tax Credits – Direct Pay




## Alternative Fuel Vehicle Refueling Property Credit (30C credit)

Up to 30% for eligible equipment

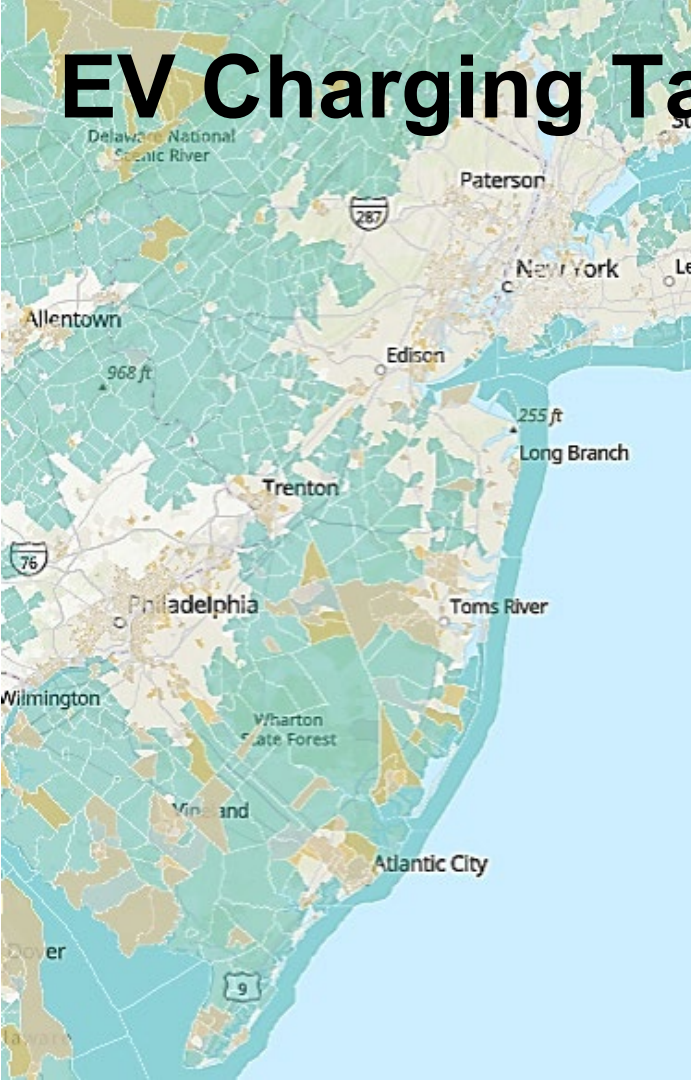
Eligible census tracts fall into two categories and eligible property can be in either type of tract (or both, if the tract falls under both categories) to qualify:

- 1. Low-income community census tracts:** Population census tracts as described in Internal Revenue Code section 45D(e), i.e., the “low-income community” definition of the New Markets Tax Credit (NMTC).
- 2. Non-urban census tracts:** Population census tracts defined as “not an urban area” (or “non-urban area”) according to Treasury/IRS guidance.

**Time periods when property would need to be installed in order to qualify in either census tracts:**

-  Eligible tract through 2024 (2011-2015 NMTC tracts)
-  Eligible tract through 2029 (2016-2020 NMTC tracts)
-  Eligible tract through 2030 (2020 Non-Urban tracts)

At right: Screenshot of U.S. DOE map of eligible locations for Alternative Fuel Vehicle Refueling Property Credit in New Jersey. <https://experience.arcgis.com/experience/3f67d5e82dc64d1589714d5499196d4f/page/Page/>



# EV Charging Feasibility Study

If the municipality lacks the in-house resources to plan EV charging installation, it may be desirable to commission an EV Charging Feasibility Study.

- Funding Resources:
  - CEPG Grant
  - Sustainable Jersey Small Grant Program
- Sustainable Jersey has a template RFP/RFQ
- Meeting with utility EV Program reps and pre-bid consultations with vendors may be sufficient

## **Scope of work for a feasibility study could include:**

- EV charging locations, including meters that will be used
- Type of EV chargers
- Cost estimates for:
  - hardware,
  - Installation - including:
    - electrical infrastructure upgrades
    - sitework (protective bollards, etc.)
  - ongoing costs, such as payment collection
- Recommended Incentives



# Upcoming Events

**04/02/25:** Updates on Direct Pay (Elective Pay) Program for New Jersey's Local Governments and Tax-Exempt Entities

**04/09/25:** ACE-ing EVs - Municipal EV Programs from ACE



2025 NEW JERSEY

# SUSTAINABILITY SUMMIT



## SAVE THE DATE

MAY 9, 2025, 8:00AM - 4:00PM

BELL WORKS, HOLMDEL, NEW JERSEY

MORE INFORMATION COMING SOON



# Sustainable Jersey Underwriters and Sponsors

## Program Underwriters



## Corporate Sponsors

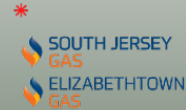


# Sustainable Jersey for Schools Underwriters and Sponsors

## Program Underwriters



## Corporate Sponsors



\* Digital Schools Underwriters and Sponsors



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# Thank You

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