



Funding Your Electric Vehicle Initiatives

November 16, 2022



Borough of Runnemedede Electric Vehicle Charging and Fleet Electrification



RUNNEMEDE GREEN TEAM

Come join Runnemedede's Green Team at the municipal building June 19, 2021.

Check out our new EV charging station and get a better understanding of electric & hybrid vehicles, inside and out.



RUNNEMEDE GREEN TEAM

24 N. Black Horse Pike
Runnemedede, NJ 08078

Facebook: RunnemededeGreen

Runnemedede Charging Station in the Municipal Building Parking Lot



drive green new jersey

June 19, 2021
11am-2pm



DRIVE CLEAN

COME CHECK OUT RUNNEMEDE'S NEW ELECTRIC VEHICLE!



WHY GO ELECTRIC?

WHAT IS AN EV?
An electric vehicle is any vehicle that can drive on electricity derived from a power plug. An all-electric vehicle (sometimes called a battery electric vehicle or BEV) drives solely on power from the plug.
A plug-in hybrid electric vehicle (PHEV) is a car that can take both electricity (from plugging in) and gasoline.

Usually, they run on electricity first and then draw on gasoline later. That way, you are driving electric around town and only use gasoline for long trips. Plug-in vehicles offer a quiet, smooth and powerful ride. An electric motor provides full torque from a standstill and completely changes the experience of getting onto a fast-moving highway.



WHY CONSIDER AN EV?
It's a performance vehicle that will save you money.

Benefits

- Instant torque allowing you to quickly speed up and merge onto the freeway
- \$1.24 per eGallon (U.S. Average)
- Latest technology such as driver assist lane tracking, emergency braking, and over-the-air updates
- Less maintenance
- Safer. EVs are ten times less likely to catch fire than conventional cars
- And, of course, they're better for the environment, even when accounting for their manufacturing carbon emissions and when using electricity from coal plants.

Agenda

Introductions

Nick Kappatos, Mayor
Borough of Runnemede

Sustainable Jersey EV Resources

Tracey Woods, Project and Research Specialist
Sustainable Jersey

NJBPU: Driving EV Adoption

Cathleen Lewis, E-Mobility Program Manager
New Jersey Board of Public Utilities

Trenton's eMobility Project

Kate Miguel, Clean Energy Advocate
Isles



Statistics

2009
Program
Started

82%
Participating

91%
Population



151
Certified



69
Certified



5 Stars

15,606
Actions
Implemented



Statistics current as of 10/27/22

Municipal Energy Actions

	Energy Efficiency	Renewable Energy	Alternative Fuel Vehicles
Municipal Operations	<ul style="list-style-type: none">• Energy Efficiency for Municipal Facilities• Energy Tracking and Management	<ul style="list-style-type: none">• On-Site Geothermal• On-Site Solar +10 pt storage/resilience +5 pt solar thermal• On-Site Wind• Buy Renewable Energy	<ul style="list-style-type: none">• Fleet Inventory• Purchase Alternative Fuel Vehicles• Meet Green Fleet Targets
Community Energy Use	<ul style="list-style-type: none">• Energy Assistance Outreach• Commercial Energy Efficiency Outreach• Residential Energy Efficiency Outreach	<ul style="list-style-type: none">• Make Your Town Solar Friendly• Municipally Supported Community Solar• Solar Outreach• Renewable Government Energy Aggregation (R-GEA)	<ul style="list-style-type: none">• Make Your Town Electric Vehicle (EV) Friendly• Public EV Chargers• Electric Vehicle Outreach

Participants Map Search

Use the [Participating Municipalities & Approved Actions](https://sustainablejersey.com/certification/search-participating-municipalities-approved-actions) (*sustainablejersey.com/certification/search-participating-municipalities-approved-actions*) page to find examples of documentation from certified towns and connect with municipal green teams

Search by action

By Certified Action

Animals in the Community

- Animals in the Community Education
- Companion Animal Management Pledge
- Companion Animal Management Plan
- Enhanced Licensing Compliance
- Pledge Supporting NJ Wildlife Action Plan
- Wildlife Interaction Plan

View certified towns approved for that action

MUNICIPALITY	COUNTY	CERTIFICATION
Bernardsville Boro	Somerset	BRONZE
Cape May City	Cape May	SILVER
Chesterfield Twp	Burlington	BRONZE
East Brunswick Twp	Middlesex	SILVER
Hillsborough Twp	Somerset	SILVER
Oradell Boro	Bergen	SILVER
Princeton	Mercer	SILVER
Readington Twp	Hunterdon	SILVER
Sea Bright Boro	Monmouth	BRONZE

View certification report for example documentation

Chesterfield Twp
Certification Level: Bronze
Certified On: October 18, 2021
Total Points: 155
Certification Report: [View Report](#)
Applicant Profile: [View Profile](#)



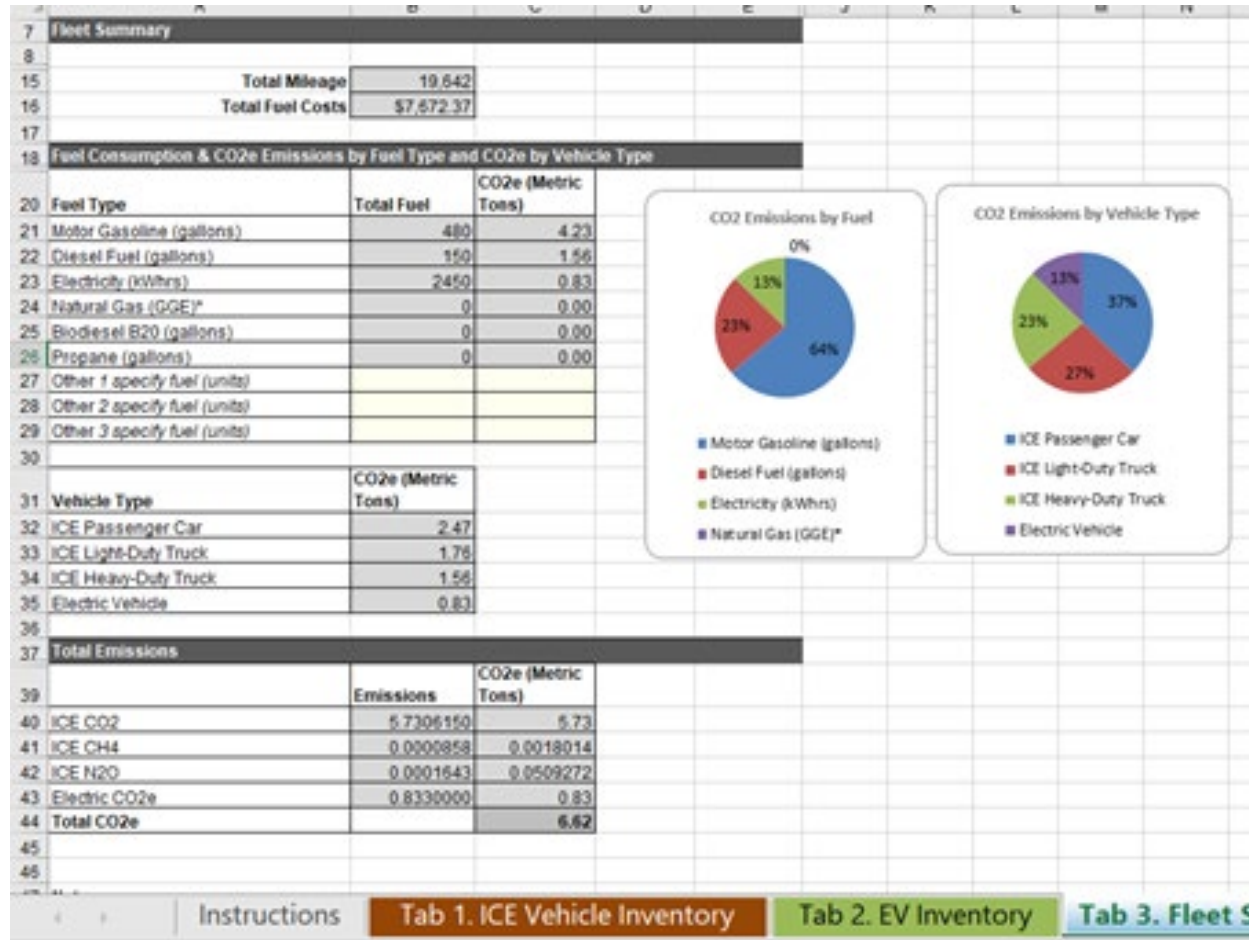
Fleet Inventory

- Evaluate current vehicle use
- Fleet planning exercise
- Automatically calculate fleet emissions

Fleet Analysis

Atlas Public Planning (DRVE) Tool
Dashboard for Rapid Vehicle Electrification

- Free fleet analysis tool
- Prioritized order of electrification
- Provides information about comparable EVs



Sustainable Jersey Fleet Inventory Spreadsheet

www.sustainablejersey.com/fileadmin/media/Actions_and_Certification/Actions/Energy/SJ_Fleet_Inventory_Spreadsheet_2022.xlsx



Public EV Charging Infrastructure

- Awards points for installation of public EV charging stations
- Clear municipal role
- EV infrastructure resources
 - Charger types
 - Site design



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

Image from NJDEP. *Charge Up Your Town: Best Management Practices for Ensuring Your Town is EV-Ready.* 2021 nj.gov/dep/drivegreen/pdf/chargeupyourtown.pdf

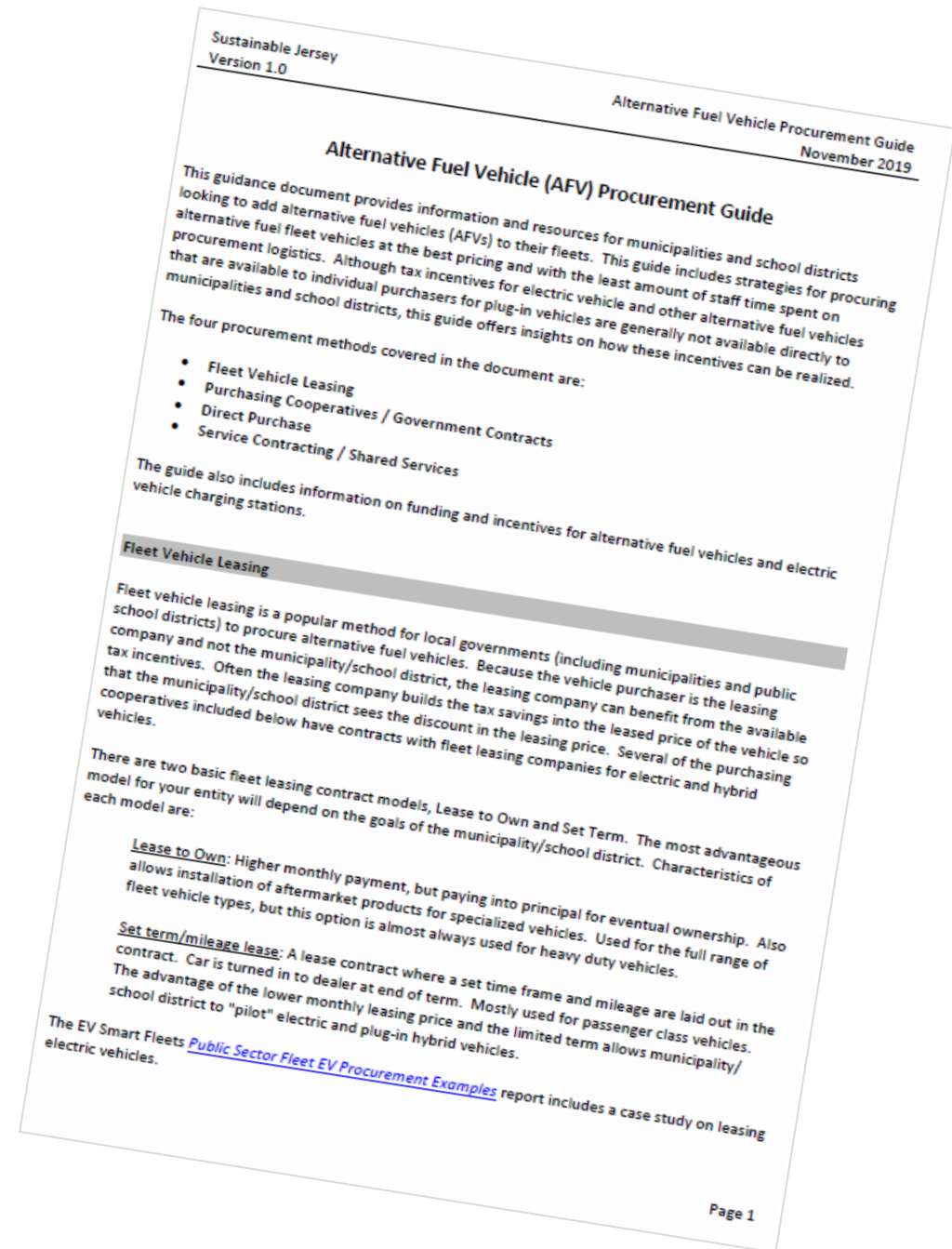
Adapted from NYSERDA



Purchase Alternative Fuel Vehicles

- Awards points for purchase of electric and other alternative fuel fleet vehicles
- Sustainable Jersey Alternative Fuel Vehicle Procurement Guide
 - Guidance for capturing tax credits
 - Procurement options

[www.sustainablejersey.com/fileadmin/media/Actions_and_Certification/Actions/Energy/Sustainable Jersey Alternative Fuel Vehicle Procurement Guide.pdf](http://www.sustainablejersey.com/fileadmin/media/Actions_and_Certification/Actions/Energy/Sustainable_Jersey_Alternative_Fuel_Vehicle_Procurement_Guide.pdf)





Total Cost of Ownership

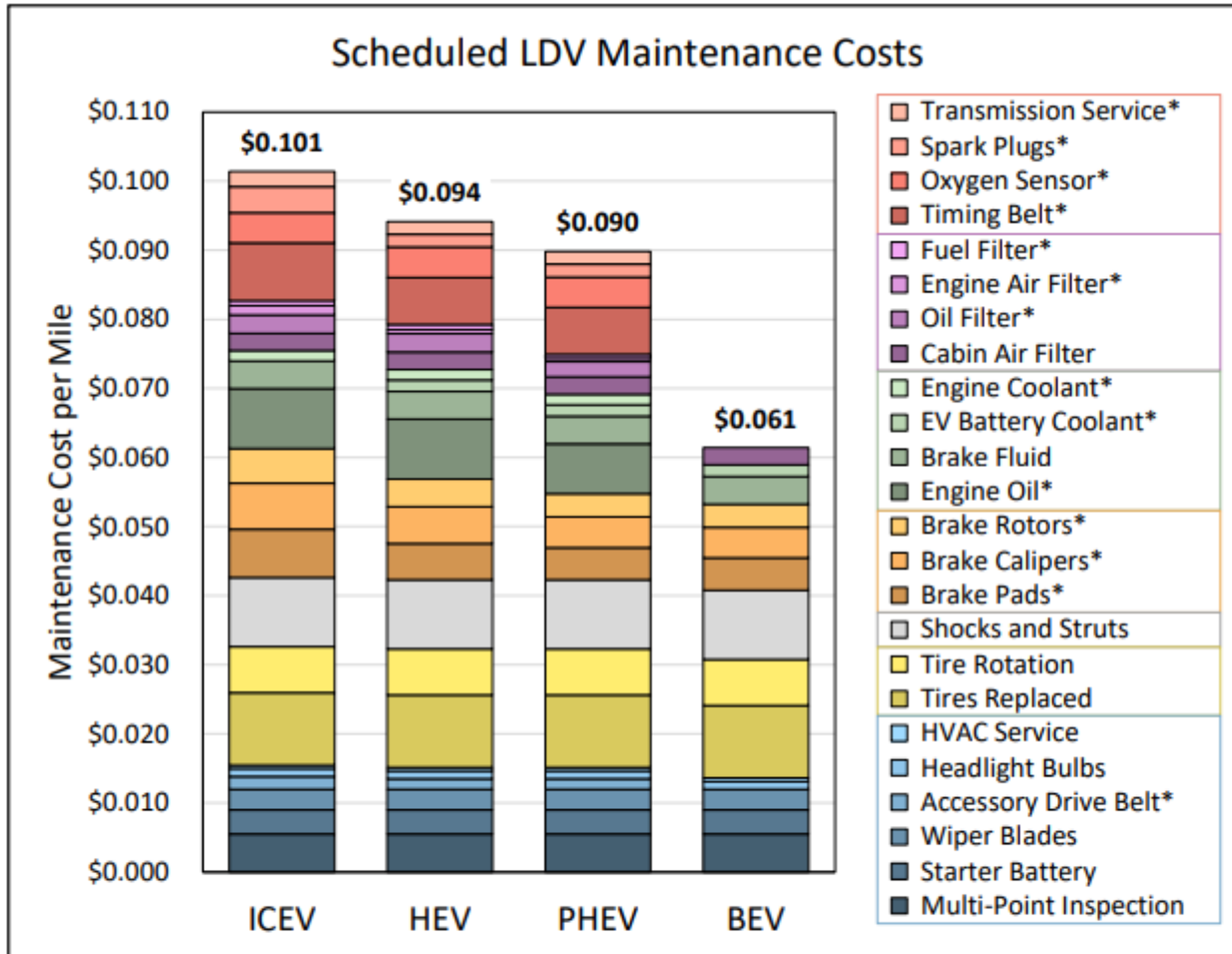


FIGURE ES-4 Per-mile maintenance costs by powertrain (*Service intervals that vary by powertrain)

Graph from Argonne National Laboratory report cited below.

When comparing cost of EV with traditional vehicle consider **Total Cost of Ownership**

- Lightweight EV fuel cost in NJ is 51.4% less*
- Lightweight EVs cost 40% less to maintain than ICE cars**

*University of Michigan. *Relative Costs of Driving Electric and Gasoline Vehicles in the Individual U.S. States*. 2018. <http://umich.edu/~umtriswt/PDF/SWT-2018-1.pdf>

** U.S. DOE. Argonne National Laboratory. *Comprehensive Total Cost of Ownership Quantification for Vehicles with Different Size Classes and Powertrains*. 2021. <https://publications.anl.gov/anlpubs/2021/05/167399.pdf>



EV Considerations

Vehicle Miles Travelled

- Select vehicles that:
 - Are driven enough to allow lower fueling and maintenance costs to offset higher vehicle price
 - Have enough downtime to be charged between duty cycles

Parking and Charging

- Where will vehicle be parked?
- Will charging infrastructure be available?

What do fleet users think about adding EVs to fleet?

Will fleet users embrace the new technologies?

- Arrange a test drive/demo
- Outreach to fleet users

Users may have information about vehicle usage that can inform vehicle purchases



Additional EV Actions

Make Your Town EV Friendly

- Awards points for:
 - Adopting Model Statewide EVSE Ordinance
 - First responder training for EVs
 - Permitting/inspection best practices

EV Community Outreach

- Awards points for supporting adoption of EVs through outreach to multiple types of vehicle owners

#

**AN ORDINANCE
AUTHORIZING AND ENCOURAGING
ELECTRIC VEHICLE
SUPPLY/SERVICE EQUIPMENT (EVSE) & MAKE-READY PARKING SPACES**

[Note: Pursuant to P.L. 2021, c.171, all sections of this model ordinance become effective in each municipality upon its publication on the Department of Community Affairs' Internet website. Municipalities may make changes to the reasonable standards in the model ordinance as noted below through the normal ordinance amendment process. However, municipalities may not make changes to the legislatively mandated requirements in Sections C., D., and E.]

This Ordinance sets forth procedures for the installation of Electric Vehicle Supply/Service Equipment (EVSE) and Make-Ready parking spaces and establishes associated regulations and other standards within the **{name of municipality}** _____ of **{name of county}** _____.

WHEREAS, supporting the transition to electric vehicles contributes to **{name of municipality}** _____'s commitment to sustainability and is in the best interest of public welfare; and

WHEREAS, installation of EVSE and Make-Ready parking spaces encourages electric vehicle adoption; and

WHEREAS, the **{name of municipality}** _____ encourages increased installation of EVSE and Make Ready parking spaces; and

WHEREAS, adoption of this ordinance supports the State of New Jersey's goals to reduce air pollutants and greenhouse gas emissions from the transportation sector as outlined and supported by various programs related to NJ's 2019 Energy Master Plan, Global Warming Response Act (P.L.2007, c.112 (C.26:2C-37 et al.)), and EV Law (P.L. 2019, c. 362); and

WHEREAS, P.L. 2021, c.171, which Governor Murphy signed into law on July 9, 2021, requires EVSE and Make-Ready parking spaces be designated as a permitted accessory use in all zoning or use districts and establishes associated installation and parking requirements; and

WHEREAS, adoption of this ordinance will support the Master Plan of **{name of municipality}** _____ adopted in concurrence with P.L. 1975 c. 291, s. 1 eff. Aug. 1, 1976, and is consistent with goals **{list #s or names}** _____ of the Master Plan as well as the land

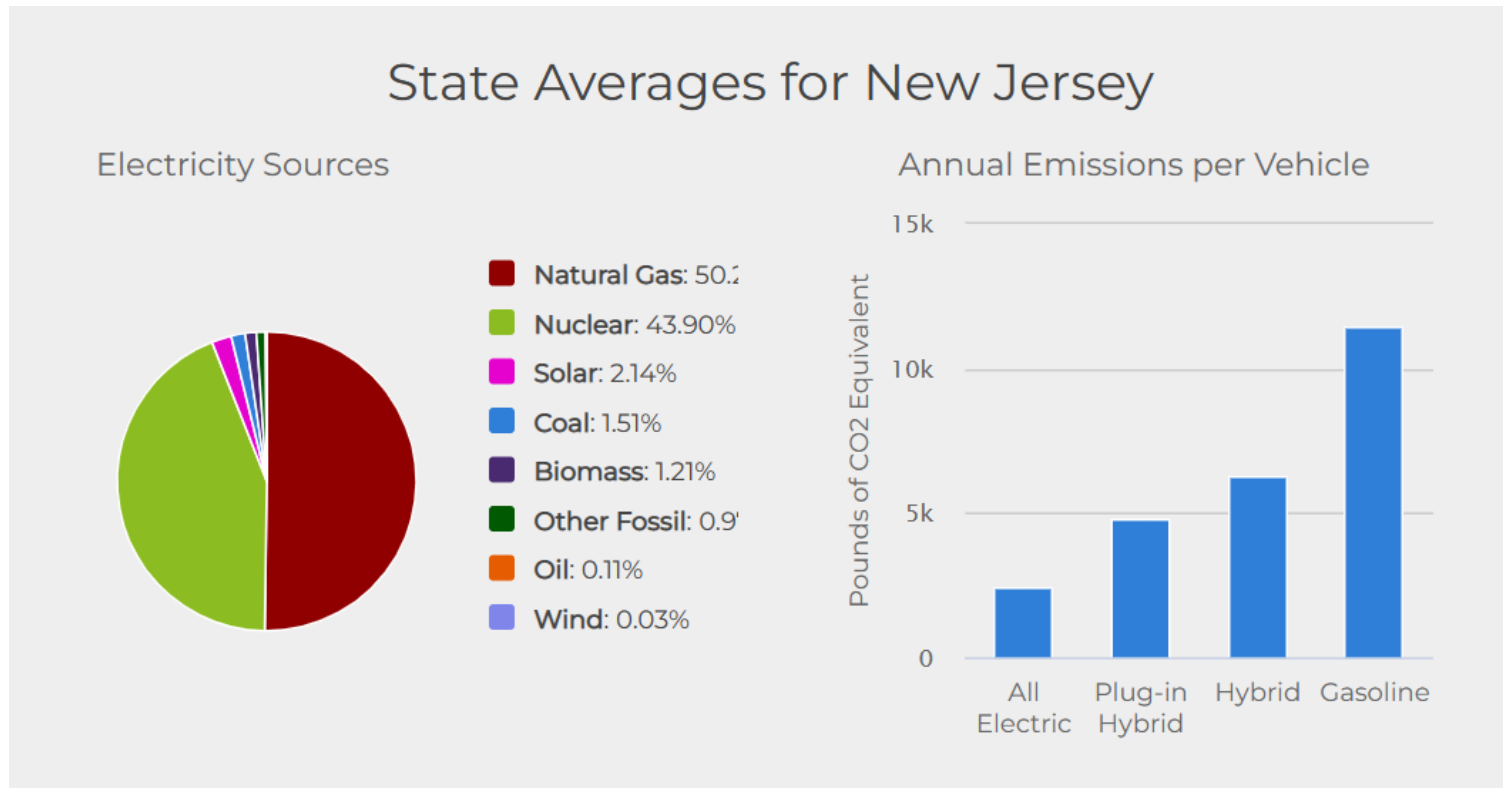
1



EV FAQs

EVs Have a Lower Carbon Footprint

EVs charging in NJ generate less than 1/4th emissions of gasoline vehicles



Screenshot of U.S DOE
Alternative Fuel Data Center's
New Jersey *Emissions from
Hybrid and Plug-In Electric
Vehicles* webpage.
https://afdc.energy.gov/vehicles/electric_emissions.html



EV FAQs

EVs Are Safe

- Insurance Institute of Highway Safety (IIHS) has found equivalent if not superior safety for EVs
- While EVs are safe there is special first responder training available for EVs

<https://www.iihs.org/news/detail/with-more-electric-vehicles-comes-more-proof-of-safety>



EV FAQs



Alternative Fuel and Advanced Vehicle Search

Find and compare alternative fuel vehicles (AFVs), engines, and hybrid/conversion systems. Some of the light-duty AFVs may count toward vehicle-acquisition requirements for [federal fleets](#) and [state and alternative fuel provider fleets](#) regulated by the Energy Policy Act (EPAAct).

Download a complete list:

Light-Duty Vehicles

All Vehicles

Search Results - 1 - 8 of 72 vehicles

New Search | Download | Print

Filter by: **Fuel/Technology:** Electric | **Class/Type:** Sedan/Wagon | **Manufacturer:** All

View:

Refine Your Search

Audi e-tron GT (2022)

BMW i4 eDrive40 Gran Coupe (18" Wheels) (2022)



Electric
Sedan/Wagon

Alternative Fuel Economy:

109 MPGe combined / 109 MPGe city / 108 MPGe hwy

Electric-Only Range: 301 miles

Engine: 250 kW electric motor; 211 Ah battery

Transmission: Auto

Drivetrain: RWD

[Find a Dealer](#)

[Find a Dealer](#)

BMW i4 eDrive40 Gran Coupe (19" Wheels) (2022)



Electric
Sedan/Wagon

BMW i4 M50 Gran Coupe (19" Wheels) (2022)



Electric
Sedan/Wagon

Fuel/Technology

- All Fuels
- Biodiesel (B20)
- Ethanol (E85)
- Hydrogen Fuel Cell
- LNG - Liquefied Natural Gas
- CNG - Compressed Natural Gas
- CNG - Bi-fuel
- Propane
- Propane - Bi-fuel
- Electric
- Plug-in Hybrid Electric
- Hybrid Electric
- Diesel/Hybrid Electric
- E85/Hybrid Electric

Class/Type

- All Classes/Types
- Sedan/Wagon
- Pickup
- SUV

EVs come in a variety
of sizes and models

Screenshot from U.S. DOE Alternative Fuel Vehicle AFV Vehicle Search

https://afdc.energy.gov/vehicles/electric_availability.html



NJ ZIP Incentives – Phase 2

Coming in 2023:

Voucher program for zero-emission medium and heavy-duty vehicles

- For businesses and institutions (including local governments and schools)
- \$20,000 - \$175,000 voucher (determined by vehicle size)
- Bonuses available (can be stacked):
 - Certified woman-, minority-, or veteran-owned business: 4% per qualification
 - Small business bonus: 25% increase of the base voucher amount per vehicle
 - EJ Bonus: 10% for small business applicants or municipalities
 - NJ manufacturing bonus: 25%
 - School Bus Bonus: 25%



<https://www.njeda.com/njzip>



NJ DEP EV Incentives

It Pays to Plug In:

Funding for Level 1 & 2 EV Charging Equipment for:

- Workplaces
- Public Places
- Multi-Unit Dwellings

DC Fast Charger Funding

- Corridor (150kW or greater power)
- Community (50kW or greater power)

eMobility

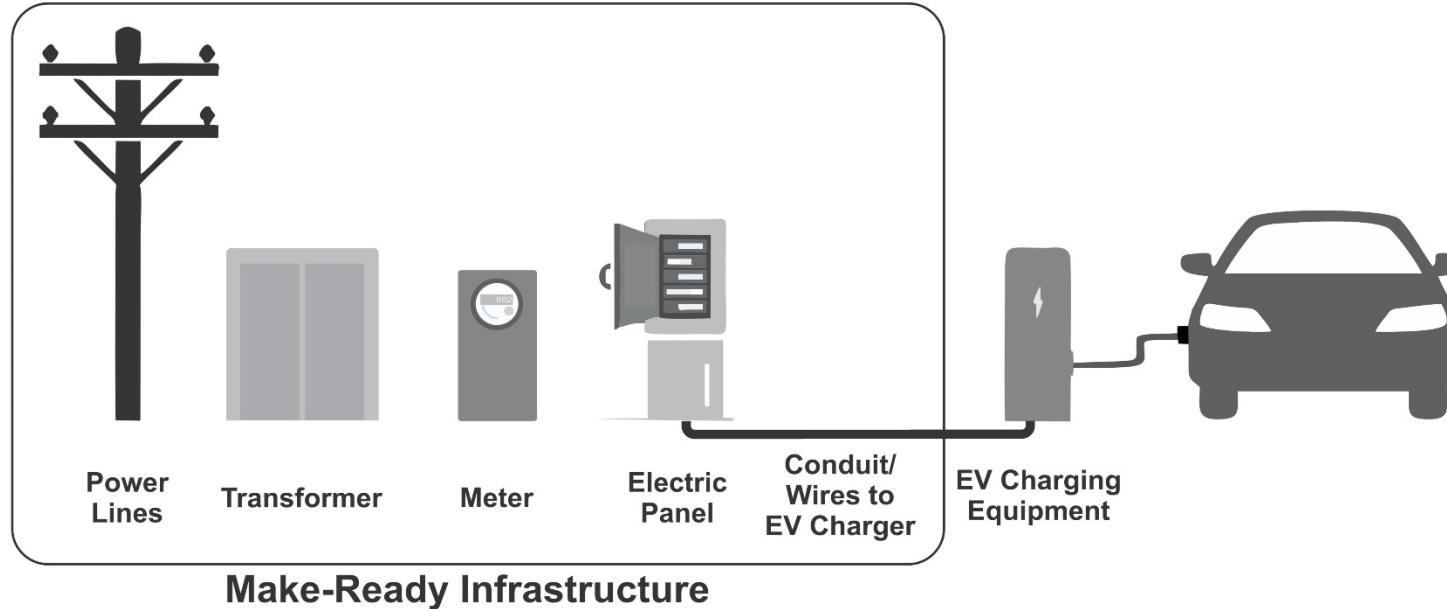
- Level 1, Level 2, and DC Fast Charging stations associated with shared mobility, car sharing, and ride hailing services



<http://www.drivegreen.nj.gov/>



Utility EV Charging Incentives



Atlantic City Electric (ACE) Electric Vehicle Program

www.atlanticcityelectric.com/SmartEnergy/InnovationAndTechnology/Pages/Electric-Vehicle-Program.aspx

Jersey Central Power and Light Electric Vehicle Webpage https://www.firstenergycorp.com/help/saving_energy/electric-vehicles/nj-ev.html

PSE&G Electric Vehicle Charging Program

nj.myaccount.pseg.com/myservicepublic/electricvehicles

Rockland Electric Company Electric Vehicle Webpage

www.oru.com/en/our-energy-future/technology-innovation/electric-vehicles/nj-commercial-ev?language=en



New Federal Tax Credits for EV/EVSE

Beginning January 1, 2023:

Light Duty EV Tax Credit

- up to \$7,500 per vehicle
- MSRP cap, income cap, assembly/sourcing requirements
- options to transfer credit to dealer at point of sale

Used EV Tax Credit

- used EVs eligible for federal tax credits up to \$4,000 or 30% of sales price

New Tax Credit for Commercial EVs

- 30% of sales price or incremental cost of qualified commercial EV

New Alternative Fuel Equipment Tax Credit

- Up to 30% of cost for EVSE and other AFV fueling equipment
- Eligible fueling equipment must be installed in census tracts:
 - where poverty rate is at least 20%, or
 - median family income is less than 80% of state medium family income level



NJ BPU: Driving EV Adoption

November 16, 2022
NJ League of
Municipalities

- At least 330,000 registered light-duty plug-in EVs by December 2025;
- At least 2 million registered light-duty plug-in EVs by December 2035;
- At least 85 percent of all new light-duty vehicles sold or leased in the State shall be plug-in EVs by December 2040;
- At least 25 percent of State-owned non-emergency light-duty vehicles shall be plug-in EVs by December 2025; and
- 100 percent of State-owned non-emergency light duty vehicles shall be plug-in EVs by December 2035.

EV Goals



EV Charging Goals

- At least **400 DC Fast Chargers** shall be available for public use at no fewer than 200 charging locations in the State by December 2025.
- At least **1,000 Level Two chargers** shall be available for public use across the State by December 2025.
- At least **15 percent** of all multi-family residential properties in the State shall be equipped with EVSE for the routine charging of plug-in electric vehicles by December 2025.
- At least **20 percent** of all franchised overnight lodging establishments shall be equipped with EVSE for routine electric vehicle charging by guests of the establishment by providing Level Two EVSE by December 2025.



EV Ordinance

- All Applications for installation of EVSE (charging station) or Make-Ready parking spaces ***shall be*** considered **permitted accessory use and permitted accessory structure in all zoning or use districts** and ***shall not*** require a variance.
- Applies to existing buildings and new buildings. If existing, it ***shall not*** require **site plan approval** and ***shall be*** approved through issuance of **zoning permit**.
- **Parking spaces** with EVSE and Make-Ready equipment ***shall be*** included in the calculation of **minimum required parking spaces**.
- **Parking spaces** with EVSE or Make-Ready ***shall*** count as **at least 2 parking spaces** (no more than 10% reduction of total).
- Municipalities may deviate from the Reasonable Standards (Section F) of the model ordinance by amending the ordinance through the normal amendment process. However, this does not authorize a municipality to require site plan review for the installation of EVSE or Make-Ready parking spaces.

Requirements for chargers and Make-Ready parking spaces for new construction



- As a condition of preliminary site plan approval, applications involving **new** multiple dwelling with ≥ 5 units:
 - Immediately: 15% of parking spaces shall be make-ready and 1/3 of those shall have EVSE installed;
 - Within 3 years: install EVSE in an additional 1/3 of the original 15%
 - Within 6 years: install EVSE in the final 1/3 of the original 15%.
 - Overall, at least 5% of EVSE must be accessible for people with disabilities
 - Can install EVSE at a faster pace
 - Exempt: a retailer that provides 25 or fewer off-street parking spaces
- Municipality may encourage (but not require) additional EVSE or Make-Ready parking spaces.

An aerial photograph of a complex highway interchange with multiple overpasses and ramps. The image is overlaid with a semi-transparent blue filter. In the bottom left corner of the image area, there are two decorative shapes: a green rounded rectangle and a yellow circle.

Receive an incentive of up to
\$4,000 when you purchase or
lease a new electric vehicle!

Charge Up New Jersey promotes clean vehicle adoption in the state by offering incentives of up to \$4,000 for the purchase or lease of new, eligible zero-emission vehicles, including battery electric and plug-in hybrid electric. By shifting away from gasoline and diesel use, it creates many environmental and economic benefits, including less air pollution and reduced greenhouse gas emissions.

Charge Up New Jersey

FY22 is the third year of the Program, which has provided over \$57 million to over 13,000 Electric Vehicles.



Current Incentive:

- Must be a licensed New Jersey Driver;
- Must be registered in the state of New Jersey;
- Point-of Sale Incentive from an Eligible Dealer;
- \$25/ per e-mile;
- Up to \$4000 for vehicles with an MSRP under \$45,000;
- Up to \$2000 for EVs with an MSRP between \$45,001 and \$55,000; and
- Plug In Hybrids ONLY eligible for incentive through DECEMBER 31, 2022.

Utility Charging Programs: Over \$215 Million in EV infrastructure investment



- Utility Filings
Make Ready
Incentives
- Public
 - Workplace
 - MUD



- Fast Charging
- PSEG - 1200
 - ACE - 100
 - JCPL - 200
 - RECO - 30



- Level 2
- PSEG - 3500
 - ACE - 1500+
 - JCPL - 900
 - RECO - 400

Utility Programs

- Make-Ready for residential, L2 workplace, L2 MUD, L2 public and DCFC public chargers.
- No utility ownership until Areas of Last Resort.
- MUD rates must be substantially similar to residential rates.
- Demand Charge Solution.
- Can cover no more than 90% of total cost of project with federal, state and utility funding.
- Must be a universal charger, proprietary charges must be collocated, receive smaller incentive.
- Data sharing.

Make Ready

The infrastructure required to power an EV charger is called the Make-Ready work. By the end of 2022 all 4 electric utilities will provide programs to incentivize those costs.

What does *Make-Ready* mean?

A Guide to Electric Vehicle Infrastructure

Customer-Side "Behind the meter" **Utility-Side "To the meter"**

Make-Ready Elements

Electric Vehicle, Charger, Panel, Meter, Transformer, Power Lines, Conduit & Wiring

Make-Ready is the pre-wiring of the electrical infrastructure at a site to enable it to accommodate a charger easily & efficiently. *Make-Ready infrastructure* includes service panels, junction boxes, transformers, meters, conduit, wiring, etc. *Make-Ready* does not include activation, hook-up or price of charger(s).

Electric Vehicle
a vehicle that has a battery or equivalent energy storage device that can be charged from an electricity supply external to the vehicle with an electric plug

Port(s)
the part of the charger that connects to the electric vehicle

Charger
equipment that powers the port(s)

Site/Location physical address of the charger(s)

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

drive green
new jersey
DriveGreen.nj.gov

EVSE Requirements

All BPU EV Charging Programs have similar basic requirements

- Dual Port Chargers
- Networked Chargers
- Data Sharing
- **NEW in FY23 Compliance Filing – must use pre-certified EVSE**

Stacking Incentives

- **Utility Programs are required to verify that the combination of federal, state and utility funds may not exceed 90% of the total costs. If they do, the utility program will reduce the incentive to 90% of the cost.**
- **Most NJBPU programs may not stack with It Pay\$ to Plug In.**
 - * check specific program rules for details

All applications can be found at njcleanenergy.com/ev

Clean Fleet Program

Designed to encourage local and state government entities to add EVs to their fleet

- \$4,000 for a Battery Electric Vehicle
- \$5,000 for a public L2 charger (up to cost of charger)
- \$4,000 for a fleet L2 charger (up to cost of charger)
 - Up to \$5,000, up to 50% cost of make ready for Fleet Charging
- \$50,000 for DCFC
 - Up to \$50,000, up to 50% cost of make ready for Fleet Charging
- **Overburdened Municipalities are eligible for a 50% bonus in award**



Clean Fleet EV Incentive Award Caps

	EVs	Charging stations
Local governments, entities, schools		
<i>serving populations < 20,000</i>	4	2
<i>serving populations > 20,000</i>	10	4
<i>serving populations > 50,000</i>	14	8
Local governments		
<i>serving populations > 100,000</i>	20	15
State agencies, boards, commissions, universities, and counties	20	15

www.NJCleanEnergy.com/EV

- Questions? EV.programs@bpu.nj.gov

EV Tourism

- Targets tourism destinations across the state
- Incentives for chargers:
 - \$5,000 per L2 charger (up to cost of charger)
 - \$50,000 per charger (up to cost of charger)
- Sites are eligible for up to 6 L2 chargers and 2 DCFC.



- Round 1 closed on 10/31/22
- Questions?
EV.programs@bpu.nj.gov

MUD EV Charger Incentive

- For owners and property managers of Multi-Unit Dwellings (MUDs).
- MUDs – apartments, condos and townhouses with 5 or more units and dedicated off-street parking.
- Sites are eligible for up to six L2 chargers.



- Incentive:
 - \$4,000 per L2 charger
 - Overburdened Municipalities may receive 50% bonus
- Questions?
EV.programs@bpu.nj.gov

Charging and Homeowners Associations

1. P.L. 2020, c. 108 prohibits common interest communities from adopting rules that prohibit or unreasonably restrict the installation or use of EVSE in the designated parking space of a unit owner.
(<https://www.njleg.state.nj.us/2020/Bills/PL20/108 .PDF>).
2. P.L. 2020, c. 80 [80 .PDF \(state.nj.us\)](#) requires a developer to offer to install, or to provide for the installation of, an electric vehicle charging station into a dwelling unit when a prospective owner enters into negotiations with the developer to purchase a dwelling unit.

NEVI funds – formula EV funding from IIJA




- Created steady funding for 5 years to invest in corridor charging.
- Goal is to have Alternative Fuel Corridors “built out” :
 - Fast Charging Stations every 50 miles within 1 mile of the roadway
 - Must include at least 4 fast chargers with a minimum 150 kW each

Year	Annual funding allocation
2022	\$15,400,000
2023	\$22,200,000
2024	\$22,200,000
2025	\$22,200,000
2026	\$22,200,000

AFC Round 6 Corridors

New Jersey current Corridor DCFC




(Non-Tesla & 150kW+)

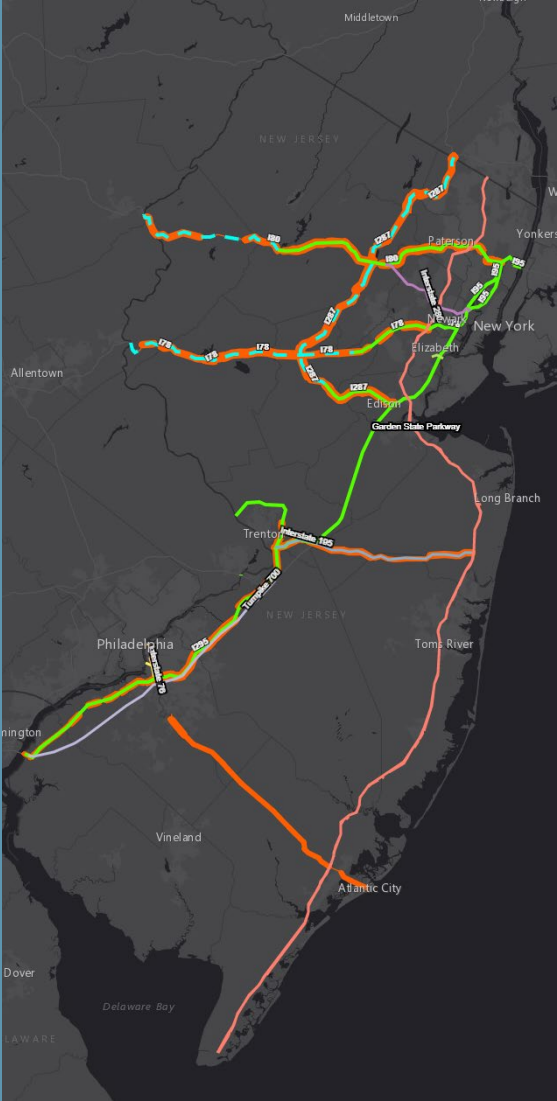
-  NEVI Compliant if <1 mile
4+ ports at 150kW+
-  EV Law Corridor Compliant =
2+ ports at 150kW+
-  Planned: EV Law Compliant
= 2+ ports at 150kW+

Green Road = Interstates

Pink Road = State NHS Roads:
Turnpike, Expressway, &
Parkway



-  4+ 150+kW
-  2+ 150+kW
-  Planned 2+ 150+kW



More Information

Cathleen Lewis

E-Mobility Programs Manager

Cathleen.Lewis@nj.bpu.gov

Visit

[NJ CleanEnergy.com](http://NJCleanEnergy.com)

Newsletter

[NJ CleanEnergy.com/NEWSLETTER](http://NJCleanEnergy.com/NEWSLETTER)

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NJCleanEnergy.com/LISTSERVS

[@NJCleanEnergy](#)



GO
TRENTON!

A project by **isles**
Self-Reliant Communities

Katharina Miguel | Clean Energy Manager, Isles | kmiguel@isles.org



TRENTON, NEW JERSEY

- 27% poverty rate
- 30% car-free households
- 21% carpool rate

GOTRENTON! PROGRAM

An electric mobility solution in Trenton that will improve access to essential services and opportunities while reducing air pollution and addressing health disparities in the city

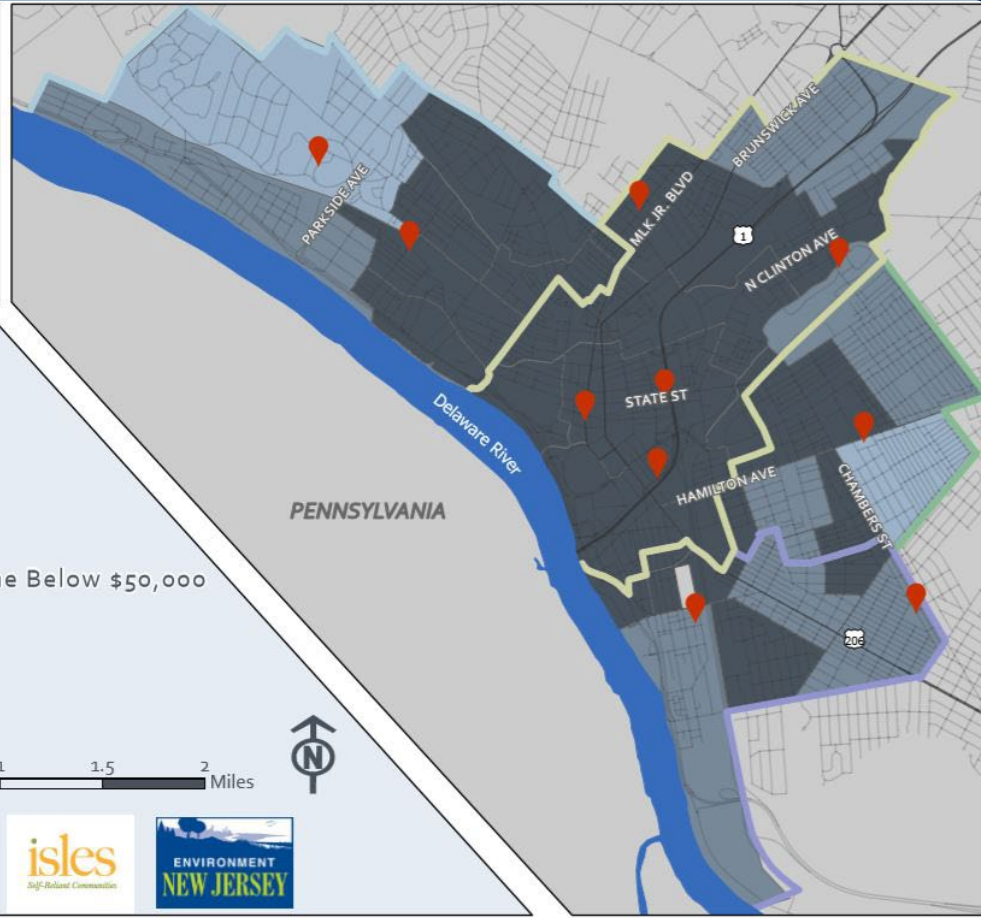
Services

- On – demand shuttle service
- Van service

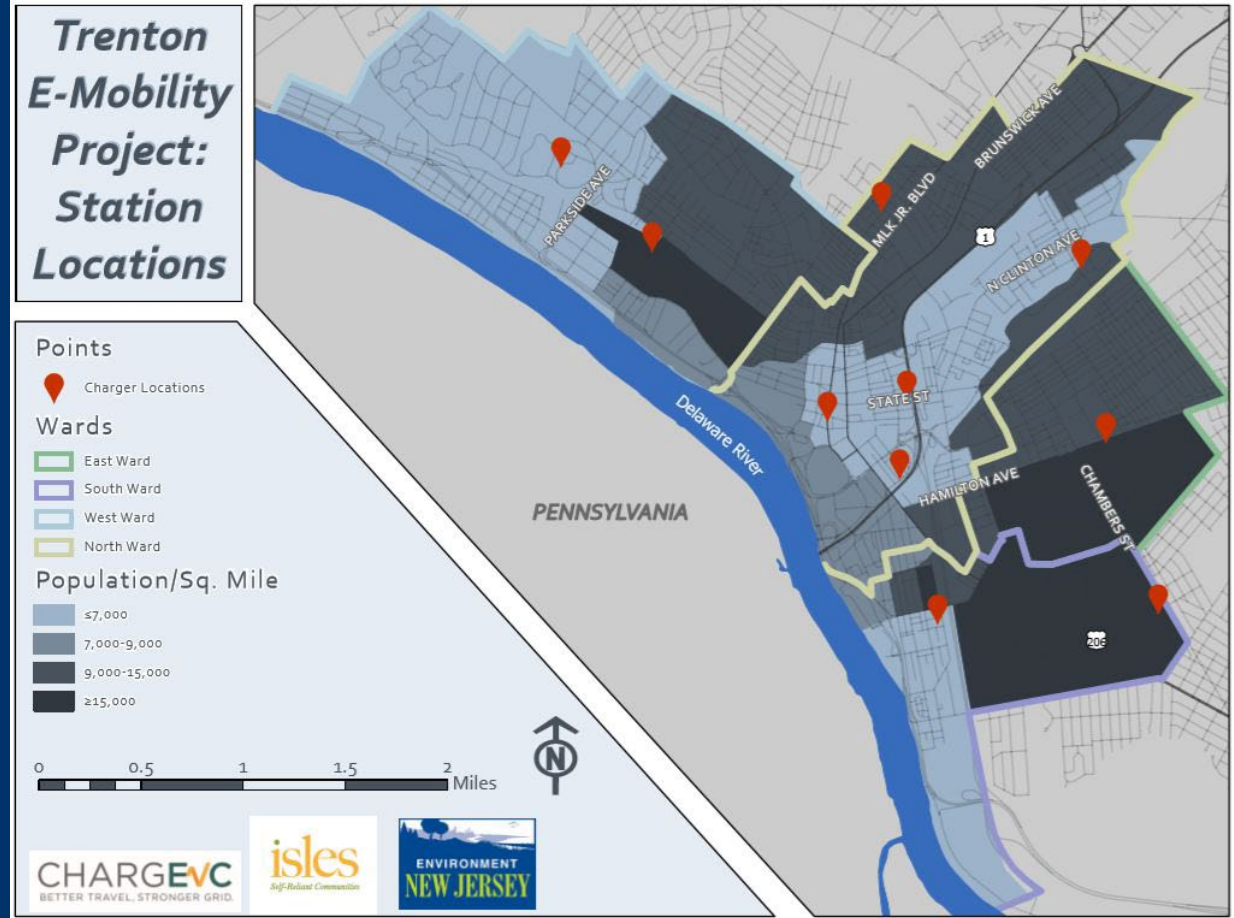
Collaborative effort between Isles, City of Trenton, DEP, Charge EVC, Environment New Jersey, and New Jersey Clean Cities Coalition

SITE LOCATIONS

Trenton E-Mobility Project: Station Locations



Trenton E-Mobility Project: Station Locations



COMMUNITY OUTREACH



COMMUNITY
PARTNERSHIP
AGREEMENTS



COMMUNITY LISTENING
SESSIONS



SURVEYS



AMBASSADOR
RECRUITMENT



STAKEHOLDER ADVISORY
COMMITTEE



INFRASTRUCTURE
DEMONSTRATIONS AND
COMMUNITY RIDE AND
DRIVES

GO TRENTON!

A project by

isles
Self-Reliant Communities

LAUNCHING MARCH 2023

Katharina Miguel | Clean Energy Manager, Isles | kmiguel@isles.org



Sustainable Jersey Energy Technical Assistance

Sustainable Jersey Staff can help your municipality or school district with:

- Energy Tracking and Management
- Applying for Local Government Energy Audits (LGEAs)
- Applying for State and utility energy efficiency incentives
- Applying for NJCEP's Energy Savings Improvement Program

Email info@sustainablejersey.com to learn about current technical assistance options open to your school or municipality.



SUSTAINABLE JERSEY

GRANTS PROGRAM



PSEG
Foundation

New Funding Cycle Announced!

- \$200,000 is available to New Jersey municipalities participating in the Sustainable Jersey program
 - \$2k, \$10k and \$20k grants for sustainability projects and green team support

Informational Webinar

1-2pm on Thursday, **December 8, 2022**

Application Deadline

By 11:59pm on Friday, **February 10, 2023**

Award Notifications

By **early April 2023** with an event in **early May 2023**

Performance Period

10k Grants:
18 months
2k Grants:
12 months

Learn More & Apply





SJ-PSE&G Partnership Program



Three tracks

- Technical Assistance (TA)
- Residential Energy Efficiency Outreach Campaign
- Commercial Energy Efficiency Outreach Campaign

Customized Outreach tools

- Video
- Outreach campaign website
- PSE&G giveaways

- Robust TA and implementation support for upgrading municipal buildings
- Technical and financial support for community outreach campaigns
- Sustainable Jersey points

Sign up today at Booth # 103

Sustainable Jersey Underwriters and Sponsors

Program Underwriters



Grant Program Underwriters



Corporate Sponsors





Thank You

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