



## Drive Green

In New Jersey, transportation is the number one source of greenhouse gas pollution. The 2023 ozone projection inventory reflects that cars and trucks account for about 21% of the manmade VOC plus oxides of nitrogen emissions in the air that contribute to the formation of ground-level ozone or “smog” during the summer months. Your choice to drive electric improves New Jersey’s air quality and helps slow climate change.



### Popular Programs



#### Sales and Use Tax Exemption

Electric vehicles are exempt from sales and use tax. This includes new and used, as well as purchase, lease, and rentals. This exemption will begin to phase out starting on 10/1/2024.

[Learn more](#)



#### Medium- and Heavy-Duty EVs

Medium- and heavy-duty electric vehicles account for only 4% of all vehicles on the road, but nearly 25% of transportation greenhouse gas emissions.

[Learn more](#)



#### It Pay\$ to Plug In

The Electric Vehicle Charging Grants Program provides grants to offset the cost of purchasing and installing EV chargers.

[Learn more](#)



#### Partnership to Plug In

The Partnership to Plug In is a first-of-its-kind, statewide partnership to build out the necessary infrastructure to support EVs in New Jersey.

[Learn more](#)



#### Destination Electric

Destination Electric is a program for drivers in the Northeast that driving electric can seamlessly fold into their lifestyle.

[Learn more](#)

## Featured News



2024 was a pivotal year for clean transportation in New Jersey, with ongoing commitments to our existing programs and the introduction of exciting new programs. As we enter 2025, the New Jersey Department of Environmental Protection (NJDEP) is proud to reflect on the programs we've developed to reduce emissions from transportation, the largest source of emissions in New Jersey. We look forward to continuing to support our community in creating a cleaner, more equitable transportation sector in 2025.

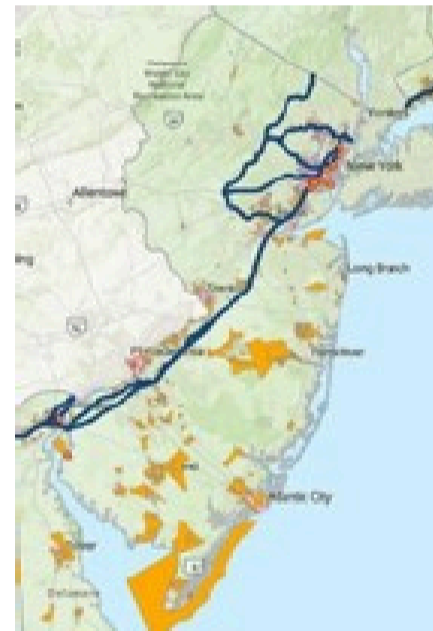
## New Programs

### Clean Corridor Coalition (C3)

In conjunction with state agencies from Connecticut, Delaware, and Maryland, NJDEP was awarded \$249 million under the US EPA's Climate Pollution Reduction Grant (CPRG) Implementation program. C3 will:

- Deploy medium- and heavy-duty electric vehicle charging infrastructure along the I-95 corridor and adjacent roads from Connecticut to Maryland.
- Provide technical assistance to charging site developers.
- Deliver training and support services to establish a skilled workforce.

As one of the most densely populated corridors, cutting air pollution from trucks in the I-95 region could improve quality of life for millions of people.



### Electric School Bus Grant Program

In 2024, NJDEP kicked off the first year of the Electric School Bus Grant Program which provides up to \$15,000,000 per year for three years to replace diesel school buses with electric school buses. In the first year, the program awarded funding for 48 electric school buses at 14 schools. These buses will better protect the health of school children and surrounding communities. The program is expected to enter its second round of funding in the spring of 2025.



### 2024 Clean Transportation Achievement Report

2024 was a pivotal year for clean transportation in New Jersey, with ongoing commitments to our existing programs and the introduction of exciting new programs.

[Check it out](#)

# NEW JERSEY DRIVES THE ELECTRIC VEHICLE REVOLUTION



NEW JERSEY  
DEPARTMENT OF  
ENVIRONMENTAL  
PROTECTION

## \$ GRANT FUNDING

Awarding nearly \$240M since 2019 for:

- 12,252 electric vehicles for private or personal use
- 135 electric vehicles for local government
- 2,980 charging stations with 5,271 ports at 680 locations
- 5 eMobility projects that will increase access to clean, shared transportation in overburdened communities
- 286 electric trucks and cargo vans
- 242 electric buses and shuttle buses
- 162 electric airport and port vehicles and equipment



## OUTREACH & EDUCATION



Over 40 NJ dealerships certified through EV dealer training program

Over 23,000 NJ residents explored website to learn more about EVs



DRIVE CHANGE  
DRIVE ELECTRIC

3 communities and 85 local businesses joined Destination Electric to raise awareness of NJ's existing charging infrastructure

Over 30,000 NJ residents visited website since March 2020



13 EV Ride & Drive events held with over 775 EV test drives

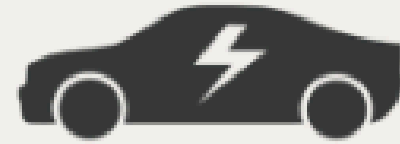
Over 20 public events with DEP representatives providing information on EVs

### New Jersey Drives the Electric Vehicle Revolution

New Jersey has been busy driving the EV Revolution! Check out our successes in grant funding, outreach & education, utilities, collaboration & roadmaps, laws & executive orders, and policy.

[Check it out](#)

ICCT Blogs



## CLEANING THE AIR: UNDERSTANDING THE EV ADVANTAGE

Summary by the NJDEP

### EV fire risk is different from, not higher than gasoline vehicles

- EV battery fires run the risk of thermal runaway, requiring approximately 2,500 gallons of water to stop.
  - In comparison, ICEVs require 500-1,000 gallons.
- NMC (nickel manganese cobalt oxide) Lithium-ion batteries have higher fire risk than other chemistries
  - The industry is shifting towards solid state and LFP (lithium iron phosphate) chemistries, which have high thermal stability. [\[ICCT\]](#)
- Tesla [reported](#) one vehicle fire per 130 million miles travelled. Across all vehicle types, the National Fire Protection Association [estimated](#) one vehicle fire per 18 million miles; approximately 7x higher.
  - Data from Sweden [showed](#) gasoline and diesel vehicles were 29x more likely to catch fire than EVs.

### EVs continue to perform in cold weather

- [Both ICEVs and EVs are less efficient in cold temperatures.](#) [\[US DOE\]](#)
- In freezing temperatures, ICEVs may be completely [unable to start](#), but this is not the case for EVs.
- Using seat warmers and steering wheel warmers instead of cabin heaters can save energy. When the cabin heater isn't used, the fuel economy of EVs drops by about 8% and range drops by about 12%.
  - With less-than-optimal engine temperatures, ICEVs can have 15-25% lower fuel economy. [\[US DOE\]](#)
- A [survey](#) of EV drivers in cold regions of the US found that 60% of those who initially had concerns about driving their EVs in the cold reported little to no worry after having experienced these conditions.

### EVs can provide benefits to the electric grid

- Many utilities use time of use (TOU) rates to incentivize EV drivers to charge off-peak.
  - Off-peak charging can generate more revenue for electric utilities than costs, potentially reducing utility rates for all utility customers. [\[Synapse Energy Economics\]](#)
  - [EVs contributed an estimated \\$85 million more to utilities](#) than their associated costs in New Jersey.
- Managed and bi-directional charging can help reduce grid stress, avoid grid upgrades, and reduce electricity costs during peak demand [\[ICCT\]](#). At least [27 models](#) of EVs offer bi-directional charging.
- More than \$30 billion in [federal investments](#) are being used to expand and improve the grid.

### EVs have lower environmental impacts than ICEVs

#### ICCT Blogs - Clearing the Air: Understanding the EV Advantage

Check out this summary by NJDEP highlighting information about EV fire risk, cold weather performance, electric grid benefits, environmental impacts, and benefits to drivers.

[Check it out](#)


## Recent News

[Advanced Clean Cars II – Proposed Rule and Public Hearing](#)
[MURPHY ADMINISTRATION RELEASES ITS SECOND RGGI STRATEGIC FUNDING PLAN CONTINUING INVESTMENTS IN CLIMATE CHANGE REDUCTION, ENVIRONMENTAL JUSTICE AND CLEAN ENERGY THROUGH 2025](#)
[Governor Murphy Announces Filing of Landmark Advanced Clean Cars II Proposal](#)
[Governor Murphy Announces Comprehensive Set of Initiatives to Combat Climate Change and Power the "Next New Jersey"](#)
[EV Tax Credit Changes for 2023](#)


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## Environmental Protection

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 Department of Environmental Protection  
 P. O. Box 420  
 Trenton, NJ 08625  
 609-777-3373

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