



STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF MOBILE SOURCES



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**RGGI Funding for Transportation Electrification**

The New Jersey Department of Environmental Protection (NJDEP), the New Jersey Board of Public Utilities (NJBPU), and New Jersey Economic Development Authority (NJEDA) released the State's first Regional Greenhouse Gas Initiative (RGGI) Strategic Funding Plan [rggi-strategic-funding-plan.pdf \(nj.gov\)](#): Years 2020 through 2022. The Plan identifies the four initiatives the Agencies will invest the RGGI auction proceeds in for the years 2020 through 2022. The initiatives are:

1. Catalyzing Clean, Equitable Transportation;
2. Promoting Blue Carbon in Coastal Habitats;
3. Enhancing Forests and Urban Forests; and
4. Creating a New Jersey Green Bank.

These initiatives are aligned with Governor Murphy's strategic vision for achieving 100 percent clean energy by 2050 and the Global Warming Response Act mandate of reducing state greenhouse gas emissions by 80 percent below 2006 levels. NJDEP will be disbursing funding for clean, equitable transportation through periodic project solicitations. Eligibility requirements are: Local government vehicles including but not limited to shuttle, school bus and transit buses; and privately owned school buses under contract with a public school district. Buses must remain in service with a public school for at least 3 years and in New Jersey for 5 years. NJDEP will reimburse 100% of the incremental cost of the electric vehicle, plus the associated charging infrastructure. Priority will be given to projects in overburdened communities [NJDEP | Environmental Justice | Environmental Justice Overburdened Communities \(OBC\)](#) that demonstrate the best greenhouse gas cost effectiveness. Additionally, the vehicle being replaced must be decommissioned and the funded vehicles will be required to install a datalogger and record telematics data for a period of two (2) years. Reimbursement for the datalogger will be provided as part of the grant.

For the list of awarded projects, [click here](#)

**Call for Electrification Projects**

In a continuing effort to reduce diesel emissions and mitigate climate change, the New Jersey Department of Environmental Protection (NJDEP) is offering another round of funding to replace diesel vehicles with electric. Leveraging proceeds from New Jersey's participation in the Regional Green House Gas Initiative (RGGI), this solicitation is for local government vehicle electrification projects. NJDEP estimates funding 12 - 16 projects.

Eligibility:

- Local government vehicles including but not limited to shuttle, school buses, garbage trucks, and transit buses which bring clean transportation to environmental justice communities through innovative ride sharing and ride hailing.
- Privately owned school buses under contract with a public-school district are eligible. Bus must remain in service with a public-school for at least 3 years and in NJ for 5 years.
- 100% of the incremental cost of the electric vehicle, plus the associated charging infrastructure will be provided.
- Priority will be given to projects with the best GHG cost effectiveness that are in [overburdened communities](#).
- The vehicle being replaced must be decommissioned.
- In addition, the funded vehicles will be required to install a datalogger and record telematics data for a period of up to three (3) years. Telematics devices will be provided as part of the grant.

Project proposals are due on March 4, 2022.

Submit your proposal and/or questions to [stopthesoot@dep.nj.gov](mailto:stopthesoot@dep.nj.gov)

[Transportation Electrification Proposals](#) 🚩

**eMobility Projects**

While there is no open solicitation for eMobility funding, we are always interested in hearing from constituents about potential projects. eMobility projects benefit low- to moderate-income communities disproportionately impacted by air pollution through carshare and ride hailing programs, electric taxis, shuttle services, and more. Submit proposals for future consideration by completing the [eMobility Proposal](#) 🚩. Send your completed form to [stopthesoot@dep.nj.gov](mailto:stopthesoot@dep.nj.gov) with the subject "eMobility Proposal".

**New Jersey's Diesel Demonstration Projects**

NJDEP's Diesel Risk Reduction Program oversees and helps manage over \$10 million in voluntary demonstration projects to reduce diesel emissions using retrofit technologies such as diesel oxidation catalysts (DOCs), diesel particulate filters (DPFs) and idle reduction technologies. These technologies are being implemented across all diesel sectors including on-road vehicles, off-road construction vehicles, locomotives, and port-related equipment such as cranes and yard hostlers. NJDEP does not have a dedicated source of funding for these projects but does receive grants and settlement funds periodically. Projects funded must comply with applicable public bidding regulations. If you have a project that you think should receive consideration for future funding, please complete the and return to [StopTheSoot@dep.state.nj.us](mailto:StopTheSoot@dep.state.nj.us).



- ▶ [Check out some of N.J.'s projects](#) 🚩
- ▶ [Project Funding Breakdown](#) 🚩
- ▶ [How much federal DERA and ARRA grant money has been received?](#) 🚩
- ▶ [NJ Clean Construction 2 Reduces Emissions from Construction Equipment Using ARRA Funds](#)

### NJ Transit Idle Reduction Project in Raritan Borough, NJ

In response to complaints from residents of the Borough of Raritan about noise and odors from idling locomotives at the NJ Transit's Raritan rail yard, the New Jersey Department of Environmental Protection (NJDEP), with the cooperation of NJ Transit, identified ways to reduce diesel exhaust emissions from the rail yard. NJDEP completed a theoretical assessment or "modeling" of potential health risks to nearby residents from idling locomotives. At the same time, NJ Transit implemented an Idling Minimization Program, under which locomotives are shut off approximately 1 hour after returning to the yard for the evening, or when laying over in the yard for more than 1 hour, when ambient temperatures are above 0 degrees Fahrenheit. This effort was completed in 2008 and the Idling Minimization Program remains in effect.



- ▶ [Estimated Impacts From Idling Locomotives in the Borough of Raritan, N.J. - February 2008](#) 🚩
- ▶ [Predicted Impact of Diesel Emissions due to Locomotive Idling at the Raritan Rail Yard \(Raritan, Somerset Co.\)](#) 🚩

### Existing Idle Reduction Technologies

While the best way to keep our air clean is to shut off diesel engines when vehicles are not in motion, there are clean-diesel technologies that can be installed on trucks, buses, school buses and off road construction equipment such as bulldozers, backhoes, etc. Most of these technologies provide an alternate source of power, allowing engines to be turned off and producing savings in fuel and maintenance.

*The Department of Environmental Protection makes no claims as to the effectiveness or operation of these products. This listing is for informational purposes only.*

- ▶ [Description of Idling Reduction Technologies listed on USEPA web site](#)
- ▶ [EPA Verified Technologies](#)
- ▶ [California Air Resources Board \(CARB\) Verified Technologies](#)
- ▶ [World Trade Center Diesel Reduction Project](#)
- ▶ [Xanadu Construction Project](#)

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