



Reduction of Truck Emissions at Port Facilities



Est. application deadline: TBD (FY23 was due 7/26/2023)



Est. funding: \$160M

Note: Estimated based on prior year's NOFO. Subject to change with future announcements (e.g., agency announcements, actual NOFOs).

Source: [2024 Reduction of Truck Emissions at Port Facilities Notice of Funding](#)

Considerations for NOFO guidance and application preparation

- As of August 4, 2025, this fact pack was based on the prior program NOFO (released in 2023)
- NOFOs may be subject to change. Recent updates to NOFOs for other grants have included:
 - Revisions to program names
 - Removal of language, merit criteria, and application requirements around climate change and sustainability; environmental justice; equity; and workforce development (e.g., BUILD, Large Bridge Projects)
 - Updates to total funding amounts available
 - Defining Historically Disadvantaged Communities using the same statutory definition for Areas of Persistent Poverty
 - New language on applicant compliance with federal laws, regulations, executive orders, policies, guidelines, and requirements, “including cooperating with and not impeding U.S. Immigration and Customs Enforcement (ICE) and other Federal offices and components of the Department of Homeland Security in the enforcement of Federal law”¹
 - Clarifying all grant agreements or contracts must include terms that are in compliance with Section 3(C)(iv) of EO *Ending Illegal Discrimination and Restoring Merit-Based Opportunity*
- Please refer to the MIO TAC website, grants.gov, and other source materials linked in this presentation for the latest information on NOFOs

1. [2025 BIP Large Bridge Project Grants Notice of Funding Amendments](#)

Note: Estimated based on prior year's NOFO. Subject to change with future announcements (e.g., agency announcements, actual NOFOs).

Source: [2025 BUILD Notice of Funding Amendment](#), [2025 BIP Large Bridge Project Grants Notice of Funding Amendments](#)

Reduction of Truck Emissions funds projects that reduce port-related emissions from idling trucks, including the advancement of port electrification and operations efficiency



Goals and merit criteria:

The Reduction of Truck Emissions at Port Facilities program will provide funding to test, evaluate, and deploy projects that reduce truck idling and emissions at ports.

The program goal can be achieved through, though is not restricted to, one or more of the following means:

- Promoting development of port-related infrastructure that reduces emissions from port-related truck idling, including the electrification of port operations, which can include truck parking electrification
- Promoting development of on-truck technologies that reduce emissions from port-related truck idling
- Promoting use of zero or low emissions powertrains or fuels on trucks
- Reducing truck congestion within or adjacent to ports, which can include promoting enhanced rail intermodal connections at ports
- Other improvements that reduce port-related emissions from idling trucks, including through the advancement of port electrification and improvements in efficiency focusing on port operations, including heavy-duty commercial vehicles, and other related projects

Note: Estimated based on prior year's NOFO. Subject to change with future announcements (e.g., agency announcements, actual NOFOs).

Source: [2024 Reduction of Truck Emissions at Port Facilities Notice of Funding](#)

Reduction of Truck Emissions at Port Facilities details

Match funding
requirement: 20%

Direct Pay
applicability: Likely
yes¹

Description	Specific truck emissions reductions implemented include replacing diesel-powered trucks serving ports with zero or low emissions electric or alternative fuel-powered trucks, constructing electric vehicle charging infrastructure, employing port roadway access improvements, and studying technology enhancements to reduce truck emissions	
Award amounts	Anticipated number of awards	~15-20
	Approx. federal funding available for all awards	~\$160M
Ongoing & past funded projects	2022-2023: Total grants: 19 Total funding: ~\$150M Average funding: ~\$8M	

1. Description of eligible uses includes construction of electric vehicles charging infrastructure.
Note: Estimated based on prior year's NOFO. Subject to change with future announcements (e.g., agency announcements, actual NOFOs).
Source: [2024 Reduction of Truck Emissions at Port Facilities Notice of Funding](#)

High-level application requirements for Reduction of Truck Emissions

Reduction of Truck Emissions at Port Facilities Grant Program applications are open to ports, authorities that operate or utilize port facilities, and innovators for related technologies



Eligible Entities

Eligible applicants for RTEPF Grant Program funds are entities that:

1. Have authority over, operate, or utilize port facilities and/or intermodal port transfer facilities
2. Have authority over areas within or adjacent to ports and intermodal port transfer facilities, or
3. Will test and/or evaluate technologies that reduce truck emissions at port facilities and/or intermodal port transfer facilities.



Key Grant Application Components

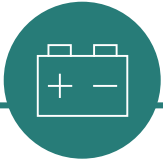
Applicants shall submit an application that includes the following information:

- 1. Volume 1:** Technical Application
- 2. Volume 2:** Budget Application, including:
 - Standard Form (SF) 424 (Application for Federal Assistance)
 - SF-424A (Budget Information for Non-Construction Projects) or
 - SF-424C (Budget Information for Construction Projects)
 - SF-424B (Assurances for Non-Construction Projects) or SF-424D (Assurances for Construction Projects), only if required
 - SF-LLL (Disclosure of Lobbying Activities).

Note: Estimated based on prior year's NOFO. Subject to change with future announcements (e.g., agency announcements, actual NOFOs).

Source: [2024 Reduction of Truck Emissions at Port Facilities Notice of Funding](#)

Examples of past winners (FY 2022-23)



Powering Progress: Electrification of Materials Transport at the Port of Oakland

Applicant: Port Department of the City of Oakland

Location: Port of Oakland, CA

Funding: \$4M

Project description: The Port of Oakland and its partner, Eagle Rock, will purchase four, Class 8 electric trucks, one electric street sweeper, one electric pick-up truck, and eight EV chargers at Eagle Rock Terminal. In addition, funding will replace one aging diesel truck with a Class 8 electric truck and charger. All improvements are designed to reduce port-related emissions from idling trucks and facilitate charging at the port rather than refueling at nearby facilities



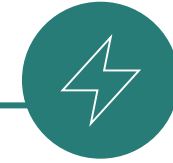
Implementation and Demonstration of On-Truck Fuel Injection Technology to Reduce Idle Emissions at Port Facilities

Applicant: University of Alabama

Location: Port of Mobile, AL

Funding: \$4M

Project description: The University of Alabama will implement a new fuel injection technology on trucks at the Port of Mobile that will reduce fuel consumption and cut emissions of greenhouse gases and other pollutants from idling trucks. Studies and continued testing of the new technology will be conducted at the port facility and has the potential for use nationwide



Voltera Electrification of American Ports (VEAP)

Applicant: Voltera Power, LLC

Location: Port of Savannah, GA

Funding: \$7.8M

Project description: Voltera Power, a zero-emissions refueling infrastructure provider will build a large-scale charging project near the Port of Savannah. The project will reduce emissions from port-related traffic by providing parking and charging services for medium- and heavy-duty electric vehicle (EV) fleet.