

EPA's Clean Diesel Programs Overview

2023 Green Drives Conference & Expo

May 18, 2023

Midwest Clean Diesel Initiative



**EPA CLEAN
SCHOOL BUS**

EPA's Clean Diesel & Clean Vehicle Funding Programs

DIESEL EMISSIONS REDUCTIONS ACT (DERA)

INFLATION REDUCTION ACT (IRA)

-CLEAN PORTS

-MEDIUM AND HEAVY DUTY TRUCKS

BIPARTISAN INFRASTRUCTURE LAW (BIL) CLEAN SCHOOL BUS PROGRAM

Current and Potential/Proposed Timelines

Diesel Emissions Reductions Act (DERA)

FY2022/2023 Combined NOFO – May/June 2023*

Inflation Reduction Act (IRA)

-\$3B Clean Ports- (TBD)

-\$1B Medium- and Heavy-Duty Vehicles - (TBD)

-RFI for both programs open until June 5

Bipartisan Infrastructure Law (BIL) \$5B Clean School Bus program

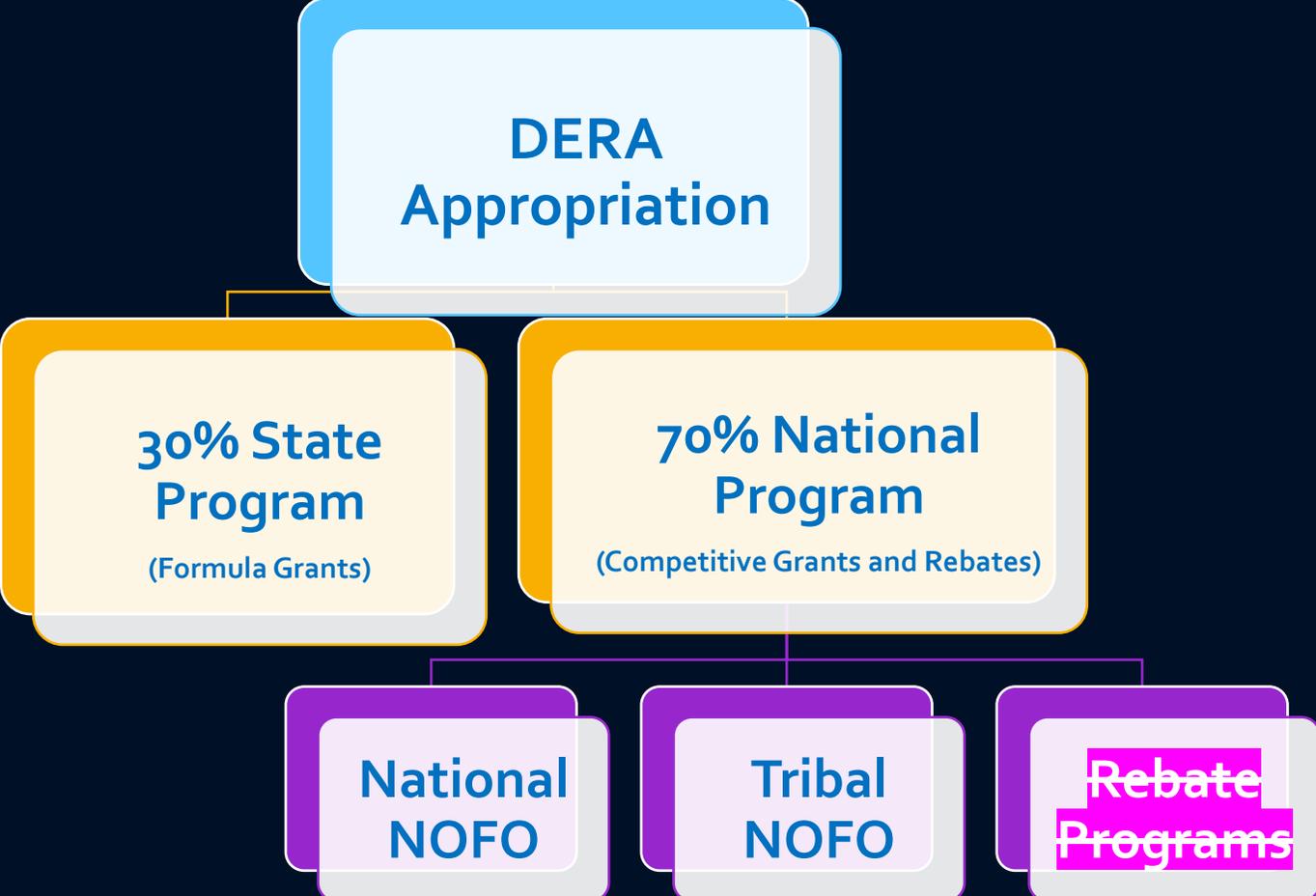
-2023 BIL CSB Grant Program – NOFO NOW OPEN April 24 to August 22

-2023 BIL CSB Rebate Program – Fall 2023*

*PROJECTED

DERA FY2022-2023 Combined NOFO

R5 anticipates awarding ~\$14M in combined 22/23 funding



Who can apply for DERA Grants?

- ▶ Regional, state, local, tribal or port agency with jurisdiction over transportation or air quality; and

- ▶ Nonprofit organization or institution which
 - ▶ Represents or provides pollution reduction or educational services to persons or organizations that operate diesel fleets; or
 - ▶ Has, as its principal purpose, the promotion of transportation or air quality

- ▶ For-profits and individuals can benefit through partnerships with eligible entities

DERA: Eligible Vehicles, Engines & Equipment

- **May include, but are not limited to:**
 - **Buses;**
 - **Class 5 – Class 8 heavy-duty highway vehicles;**
 - **Marine engines;**
 - **Locomotives engines; and**
 - **Non-road engines, equipment or vehicles used in:**
 - **Construction; Handling of cargo (including at a port or airport); Agriculture; Mining; or Energy production (including stationary generators and pumps)**

DERA: What will EPA Fund? (note: 2021 RFA funding percentages listed)

Certified Clean Alternative Fuel Conversion: 40%

Certified Vehicle/Equipment Replacement:

- 25% of a vehicle powered by a diesel or alternative fueled engine (including hybrids) certified to EPA emission standards;
- 35% of a vehicle powered by an engine certified to meet CARB's Optional Low-NOx Standards;
- 45% of a vehicle powered by a zero tailpipe emission power source.
- Replacement of Drayage Trucks: 50%

Certified Engine Replacement:

- 40% of a diesel or alternative fueled engine (including hybrids) certified to EPA emission standards
- 50% of the cost of an engine certified to meet CARB's Optional Low-NOx Standards
- 60% of the cost of a zero tailpipe emission power source

Verified Idle Reduction Technologies:

- **On-Highway Idle Reduction Technologies:** 100% if combined*, 25% if stand-alone.
- **Locomotive Idle Reduction Technologies:** 40%
- **Marine Shore Connection Systems:** 25%
- **Electrified Parking Spaces:** 30%

CSB Feedback Efforts and Lessons Learned

Feedback Efforts

- CSB Grants and Rebates Listening Sessions
- Stakeholder meetings with EPA staff
- Stakeholder input received through CSB helpline

Summary of Feedback

- Rebate program worked for a majority of school districts
- Gaps in the rebate program:
 - Larger fleets limited by 25-bus maximum
 - Scrappage (i.e., some districts don't own buses to scrap)
 - Prioritization (i.e., differing opinions on prioritization criteria and funding for non-prioritized school districts)



Clean School Bus Rebates vs. Grants

CSB Rebates versus CSB Grants

While both grants and rebates provide selectees with award funds prior to purchasing eligible buses and infrastructure, there are a few differences between these types of funding programs:

Rebates

Grants

Application Process

Quick and simply application process

Longer, more detailed application process

Selection Process

Selectees determined by a random number generated lottery process

Recipients are selected based on evaluation of application materials

Project period support, flexibility, and duration

Shorter project period; less support and flexibility in funding provided to applicants

Longer application period; may offer more support for applicants during the project, as well as flexibility in funding – such as providing funds for training and administrative costs - and timing of the project such as longer project periods to complete the project.



Application packages must be submitted to EPA via [Grants.gov](https://www.grants.gov) no later than 8/22/23 at 11:59 p.m. ET.
For more information, please visit www.epa.gov/cleanschoolbus.





2023 Clean School Bus Grant Program

<https://www.epa.gov/cleanschoolbus/clean-school-bus-program-grants>

FY23 Clean School Bus Grants NOFO Important Dates

April 24, 2023	Notice of Funding Opportunity (NOFO) Opened
May 10, 2023 at 3:00 p.m. (ET)	1st Webinar Information Session <i>Webinar links and additional session dates can be found at: www.epa.gov/cleanschoolbus/clean-school-bus-program-grants</i>
August 9, 2023	Final Date to Submit Questions
August 22, 2023 at 11:59 p.m. (ET)	NOFO Closes – Application Deadline <i>Application packages must be submitted electronically to EPA through Grants.gov (www.grants.gov) no later than Tuesday, August 22, 2023, at 11:59 p.m. Eastern Time (ET) in order to be considered for funding</i>
November 2023 to January 2024	Anticipated Notification of Selection
February to March 2024	Anticipated Awards



Application packages must be submitted to EPA via Grants.gov no later than 8/22/23 at 11:59 p.m. ET.
For more information, please visit www.epa.gov/cleanschoolbus.



CSB Grant Program Structure

School District Sub-Program

Eligible entities: (1) State and Local Governmental Entities (e.g., school districts), (2) Public Charter School Districts, and (3) Indian Tribes, Tribal Organizations, or Tribally-controlled Schools

Minimum of **15 buses**
Maximum of **50 buses**

Targeting large single-fleet turnovers that may have been limited by the 25-bus maximum in the rebate program.

Third-Party Sub-Program

Eligible entities: (1) Nonprofit School Transportation Associations and (2) Eligible Contractors (including OEMs, Dealers, and Private Bus Fleets)

Minimum of **25 buses**
Maximum of **100 buses**
Application must include at least **4** school district beneficiaries.

Targeting school districts - particularly small, rural, Tribal, or low-income beneficiaries - that may benefit from third-party technical support, grant administration, and coordination (e.g., with utilities)



Application packages must be submitted to EPA via [Grants.gov](https://www.grants.gov) no later than 8/22/23 at 11:59 p.m. ET.
For more information, please visit www.epa.gov/cleanschoolbus.



**EPA CLEAN
SCHOOL BUS**

Prioritization Criteria

2023 CSB Grants*

*Please note that program criteria may be different from prior CSB funding opportunities and are subject to change in future rounds of CSB funding

The Bipartisan Infrastructure Law allows EPA to prioritize certain communities that will benefit from the CSB program. For this funding opportunity, prioritized communities include:

- School districts listed in the Small Area Income and Poverty Estimates (SAIPE) School District Estimates for 2021 as having 20% or more students living in poverty.
- School districts located in the U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.
- Title I-funded public school districts and charter school districts not listed in the SAIPE data.
- **Title 1-funded large public-school districts (more than 35,000 students and/or more than 45 public schools) that do not meet the 20% SAIPE threshold.**

- School districts identified with locale code “**43-Rural: Remote**” by the National Center for Education Statistics (NCES).



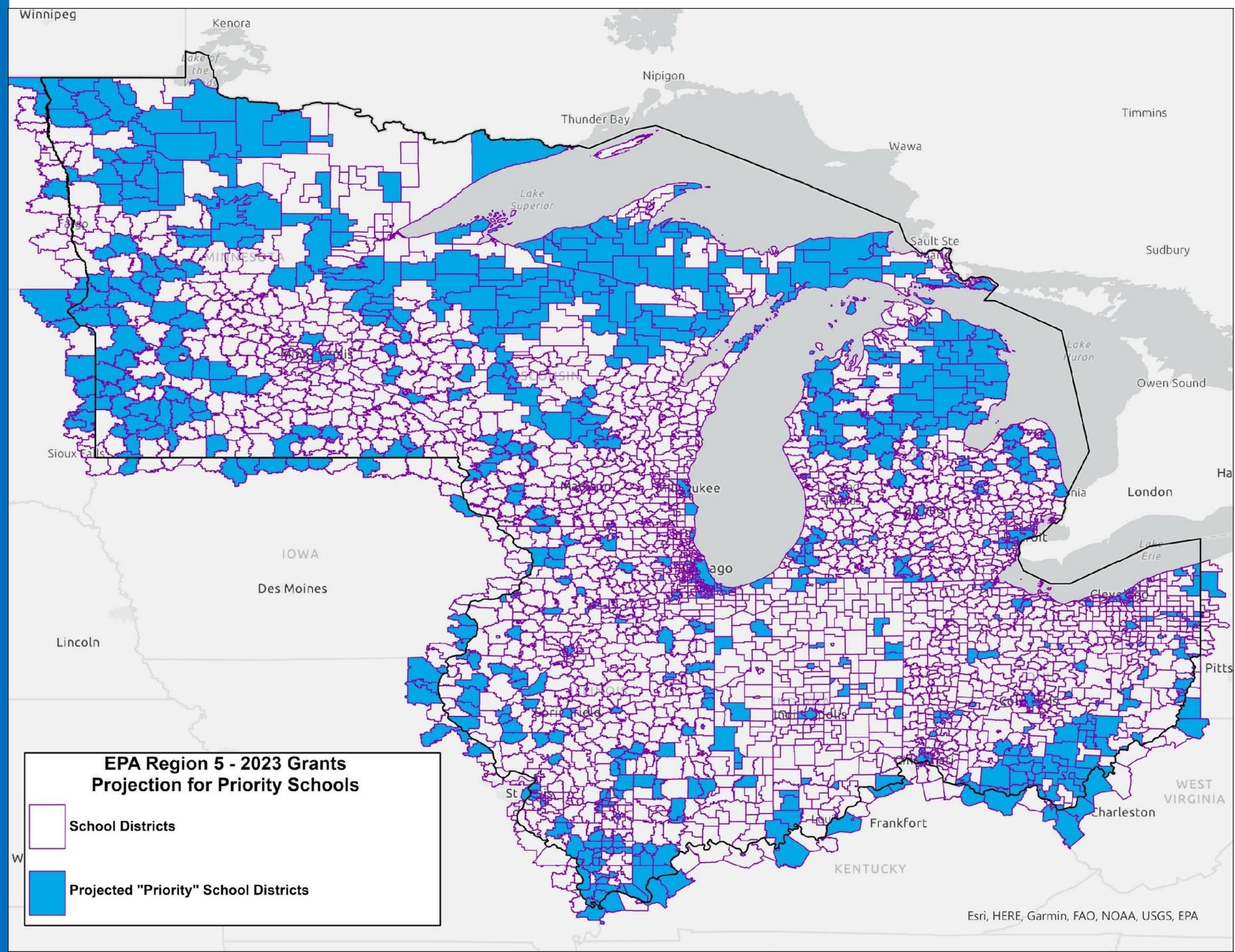
Applications due Tuesday, August 22
www.epa.gov/cleanschoolbus

Prioritization Criteria

2023 CSB Grants

Priority School Districts PDF and Excel
files available at:

[https://www.epa.gov/cleanschoolbus/
clean-school-bus-program-grants](https://www.epa.gov/cleanschoolbus/clean-school-bus-program-grants)



What You Need To Do NOW

For EPA CSB Grants OR
Rebates (coming this fall)

ALL School districts and/or potential applicants interested in applying for CSB Grant OR Rebate funding:

Need an ACTIVE SAM.gov registration

School Districts interested in applying directly, or eligible 3rd party applicants interested in applying for CSB Grant funding:

Need to be registered with Grants.gov in order to be able to submit application



Got Questions?

Great! But we can't answer them...

All questions about the EPA 2023 BIL CSB Grant NOFO must be emailed to cleanschoolbus@epa.gov (please type "Clean School Bus NOFO Question" in the subject line of your email)

Q&A document, updated regularly, will be posted at [EPA's 2023 Clean School Bus Grants web page](#)

Last day to submit questions: Wed. August 9, 2023 at 11:59pm ET



Important Links and Contact Info

DERA: <https://www.epa.gov/dera>
(FY22/23 NOFO <https://www.epa.gov/dera/national>)

EPA IRA Ports Program: <https://www.epa.gov/ports-initiative>

EPA IRA Medium- and Heavy-Duty Clean Truck Program:
<https://www.epa.gov/inflation-reduction-act/clean-heavy-duty-vehicle-program>

EPA BIL Clean School Bus Program: <https://www.epa.gov/cleanschoolbus>

IL Clean School Bus Coalition Lead: Alexis Hosna, hosna.alexis@epa.gov

R5 General: Anthony Maietta, maietta.anthony@epa.gov