



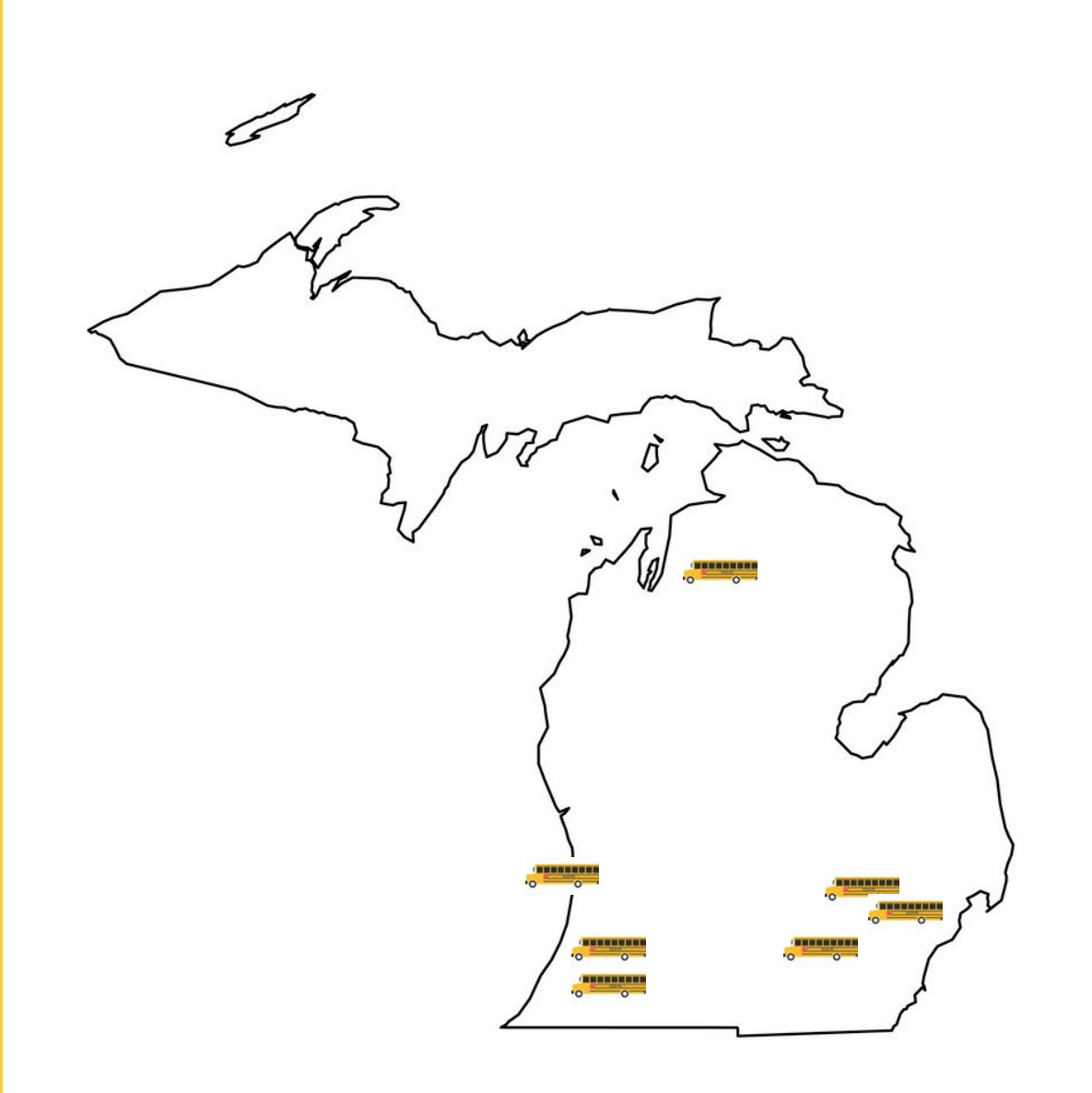
**ENVIRONMENTAL LAW
& POLICY CENTER**

It's Electric!



Michigan's Electric School Bus Coalition

Michigan's ESB History: 2017 - present



2017

DEQ: Michigan VW mitigation trust fund

→ 7 districts applied for 17 ESBs as a consortium through the Michigan Association of Pupil Transportation ESB Pilot Project

2019

Buses started rolling out in Ann Arbor, Gaylord, Kalamazoo, Oxford, Roseville, Three Rivers, and Zeeland

→ Leading the MidWest in ESB deployment

2020-present

It's Electric! Coalition organized and advocating for federal and state funding and educating on health and climate benefits of ESBs

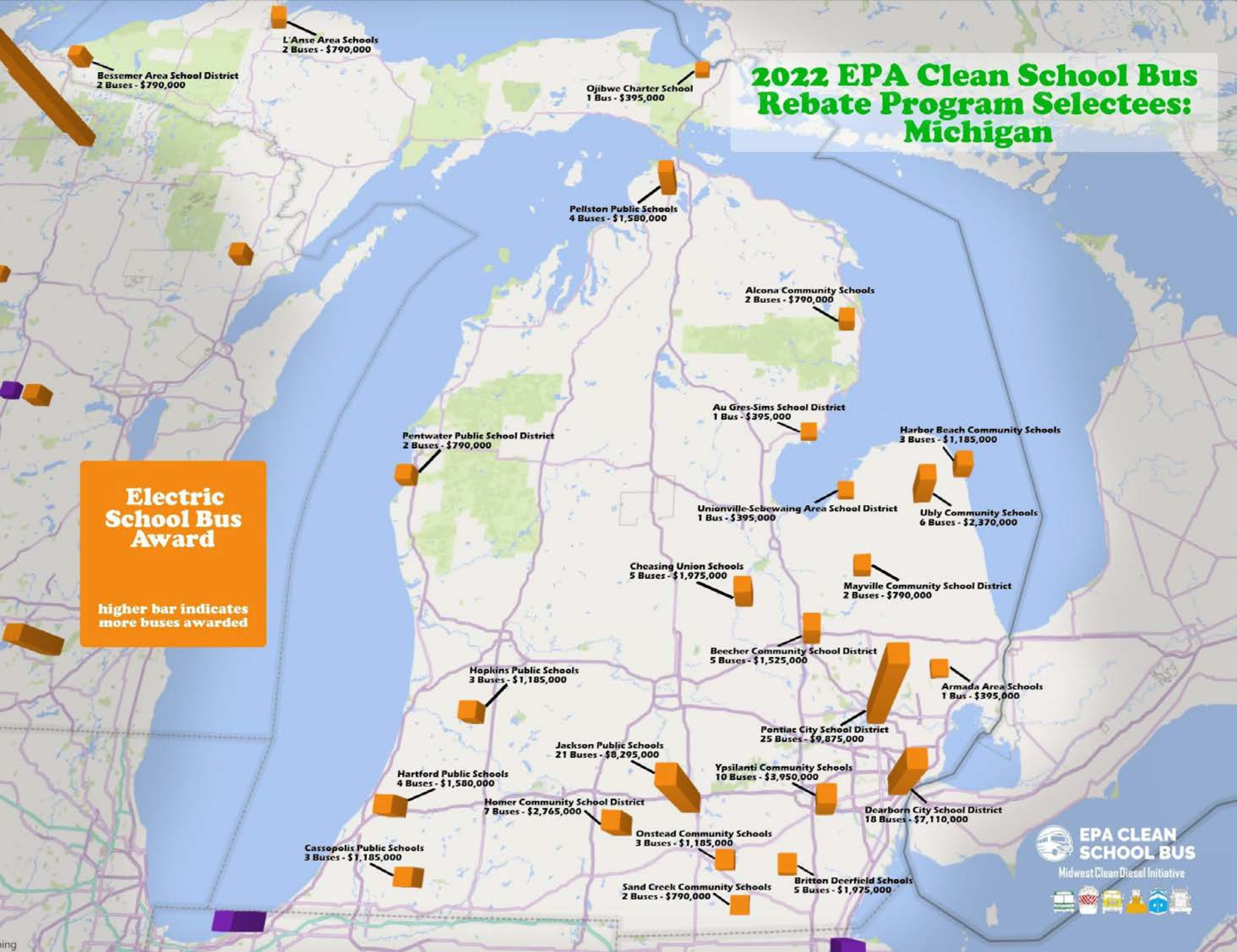
2022-2024

BIL- EPA Clean School Bus Program (Rebates & Grant), Senate Bill 63, MI Clean School Bus Grant

2022 EPA Clean School Bus Rebate Program Selectees: Michigan

Electric School Bus Award

higher bar indicates more buses awarded





EPA Clean School Bus Program, Rebate Awardees (2022): Michigan

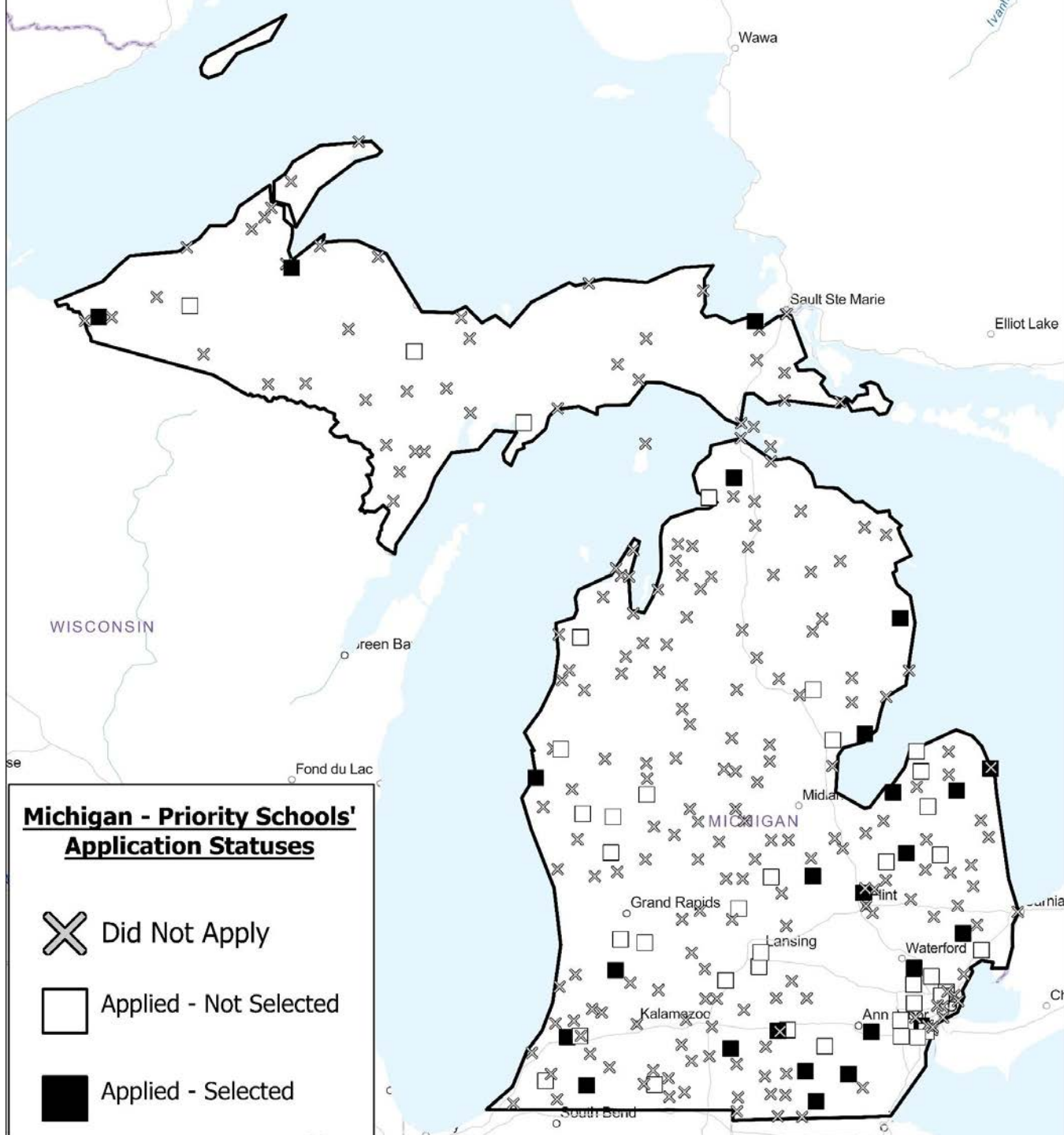
25 school districts

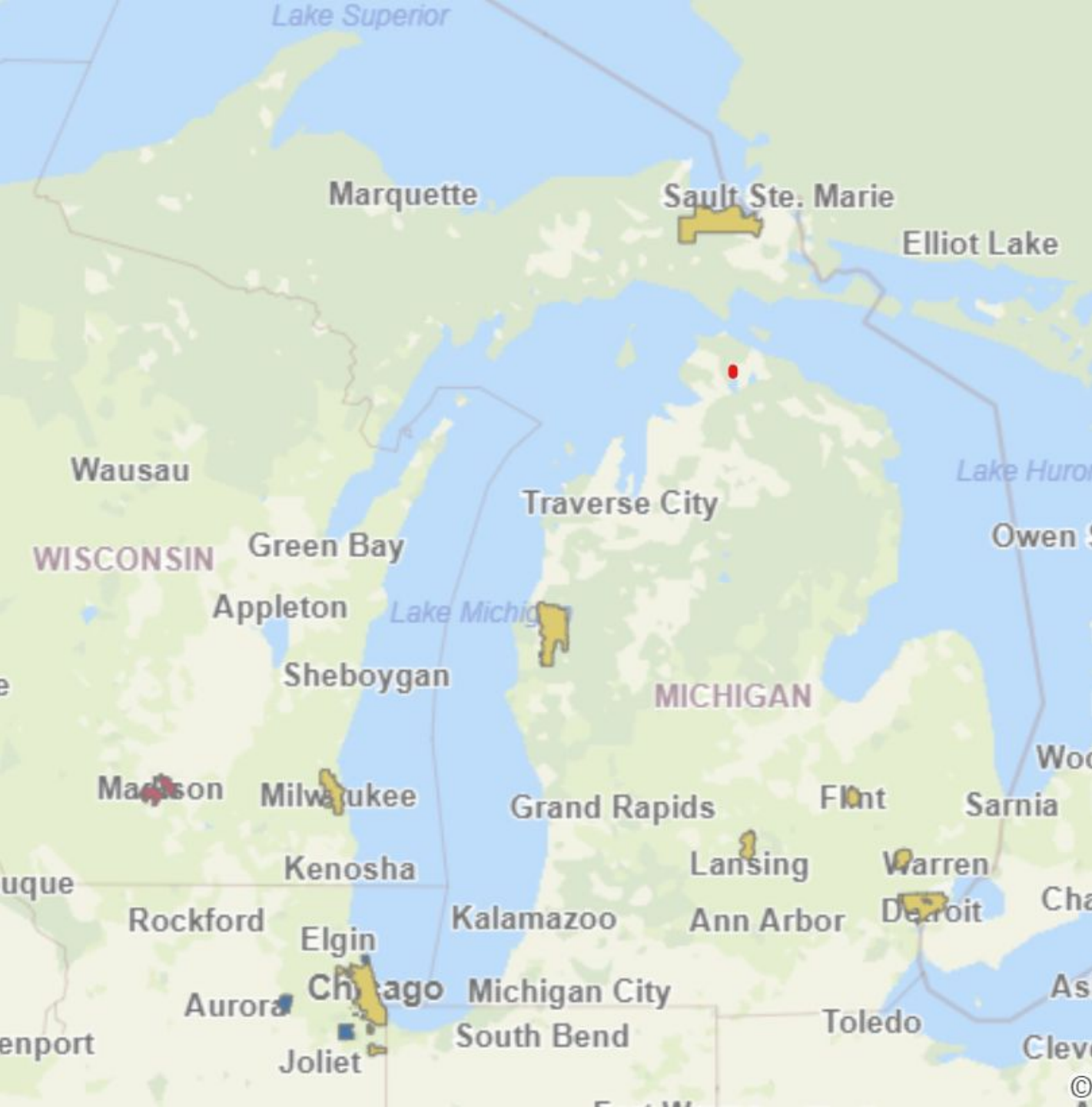
- 2nd nationally in number of school districts awarded

133 electric school buses

- 4th nationally for total funding

58 school districts were waitlisted
requesting 240 CSB (222 ESBs)



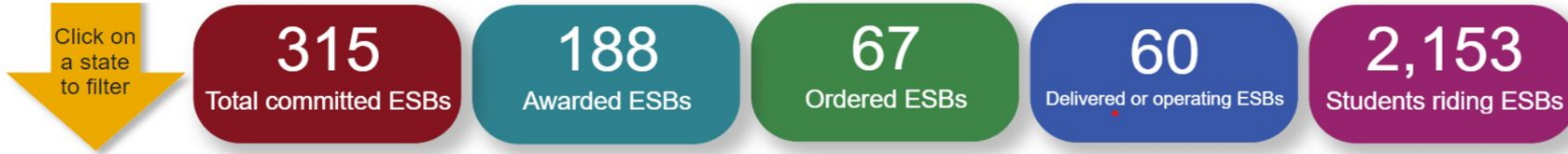


EPA Clean School Bus Program, Grant Awardees (2023): Michigan 8 school districts- 68 total ESBs

- School District of the City of Pontiac- 15
- Lansing School District- 15
- Detroit Public Schools Community District- 15
- Flint School District- 12
- Mason County Eastern Schools- 2
- West Shore Educational Service District- 2
- Brimley Area Schools- 2
- Redford Union Schools #1- 5

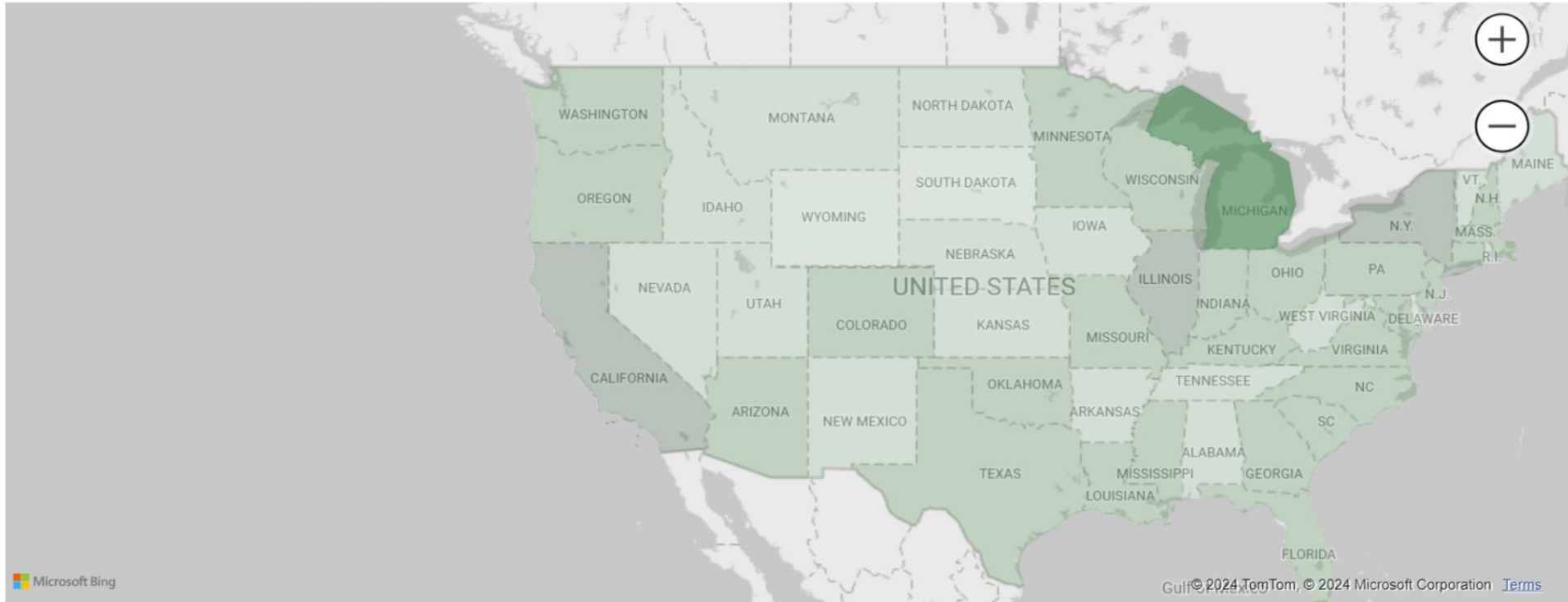
Electric school buses are committed in nearly all states, on the road in 48

Committed electric school buses, by adoption status



Committed electric school buses by state

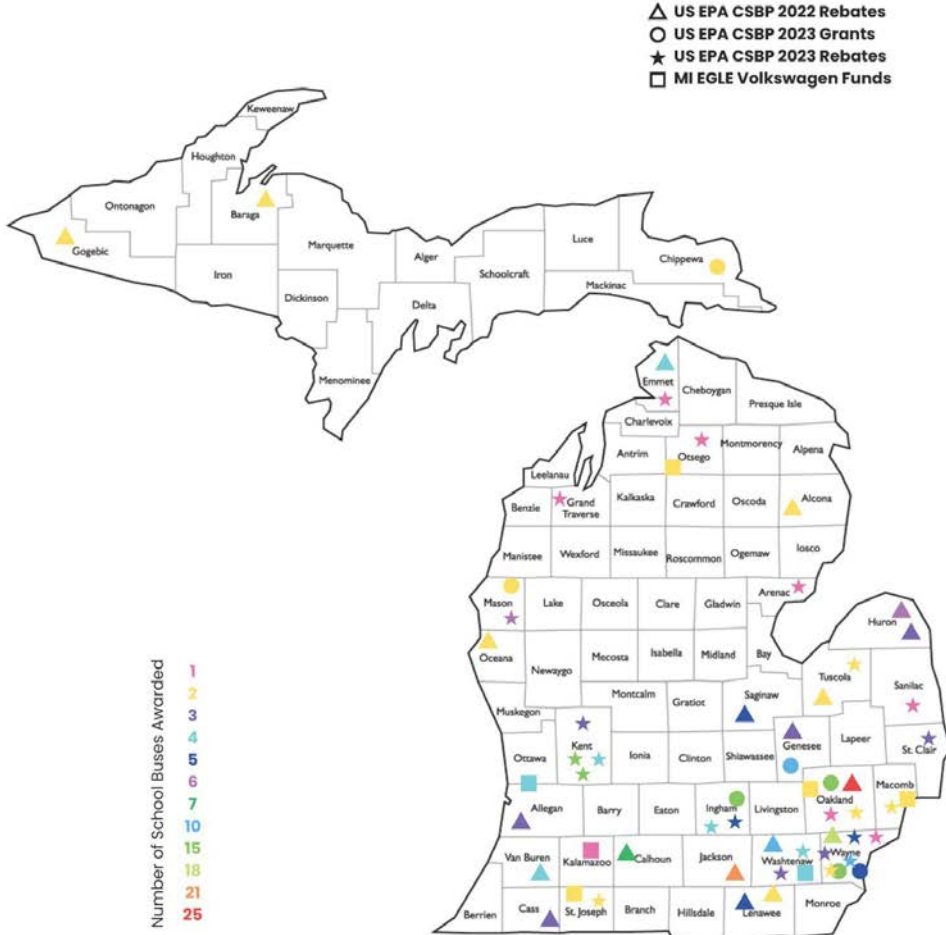
Number of committed ESBs ● 1-10 ● 11-100 ● 101-500 ● 501+



49 states, DC, 4 territories and several tribal nations have committed electric school buses.

48 states have delivered or operating ESBs.

Michigan Electric School Buses



Type	School District	# Buses	County
▲	Alcona Community Schools	2	Alcona
★	Allen Parks Public School	5	Wayne
★	Anchor Bay School District	3	St. Clair
★	Ann Arbor Public Schools	4	Washtenaw
▲	Ann Arbor Public Schools	4	Washtenaw
▲	Armada Area Schools	1	Macomb
★	Au Gres-Sims	1	Arenac
▲	Beecher Community School District	3	Genesee
▲	Bessemer Area School District	2	Gogebic
▲	Brimley Area Schools	2	Chippewa
▲	Britton Deerfield Schools	5	Lenawee
★	Brown City Community Schools	1	Sanilac
★	Cass City	2	Tuscola
▲	Cassopolis Public Schools	3	Cass
▲	Chesaning Union Schools	5	Saginaw
★	Chippewa Valley Schools	2	Macomb
★	Comstock Public Schools	3	Kent
▲	Dearborn City	18	Wayne
●	Detroit Public Schools Community District	15	Wayne
▲	Gaylord Community Schools	2	Otsego
★	Grand Rapids Public Schools	15	Kent
▲	Harbor Beach Community Schools	3	Huron
▲	Hartford Public Schools	4	Van Buren
▲	Homer Community School Districts	7	Calhoun
▲	Hopkins Public Schools	3	Allegan
▲	Jackson Public Schools	21	Jackson
▲	Kalamazoo Public Schools	1	Kalamazoo
★	Kent ISD	15	Kent
★	Kentwood Public Schools	4	Kent
▲	L'Anse Area Schools	2	Baraga
●	Lansing Public School District	15	Ingham
★	Lansing Public School District	5	Ingham
★	Ludington Area School District	6	Mason
▲	Mason County Schools (Central, Eastern)	2	Mason
▲	Mayville Community School District	2	Tuscola
★	Northville Public Schools	1	Wayne
★	Ojibwe Charter School	1	Chippewa
▲	Oxford Community Schools	2	Oakland
▲	Pellston Public Schools*	4	Emmet
★	Pellston Public Schools*	1	Emmet
▲	Pentwater Public School District	2	Oceana
▲	Pontiac City School District*	25	Oakland
●	Pontiac City School District*	15	Oakland
●	Redford Union Schools, Dist. No. 1	5	Wayne
▲	Roseville Community Schools	2	Macomb
★	Saline Area Schools	3	Washtenaw
▲	Sand Creek Community Schools	2	Lenawee
●	School District of the City of Flint	10	Genesee
★	Southfield Public School District	1	Oakland
★	Stockbridge Community Schools	4	Ingham
★	The Dearborn Academy	3	Wayne
★	Three Rivers Community Schools	2	St. Joseph
▲	Three Rivers Community Schools	2	St. Joseph
★	Traverse City Area Public Schools	1	Grand Traverse
★	Trenton Public Schools	10	Wayne
★	Troy School District	2	Oakland
★	Ubly Community Schools	6	Huron
▲	Unionville-Sebewaing Area School District	1	Tuscola
★	Vanderbilt Area Schools	1	Otsego
▲	West Shore Educational Service District	2	Mason
★	Woodhaven-Brownstown School District	2	Wayne
▲	Ypsilanti Community Schools	10	Washtenaw
▲	Zeeland Public Schools	4	Allegan/Ottawa

Total Buses = 313
 ▲ US EPA CSBP 2022 Rebates = 133
 ○ US EPA CSBP 2023 Grants = 66
 ★ US EPA CSBP 2023 Rebates = 97
 □ MI EGLE Volkswagen Funds = 17

Total School Districts = 58
 ▲ US EPA CSBP 2022 Rebates = 23
 ○ US EPA CSBP 2023 Grants = 8
 ★ US EPA CSBP 2023 Rebates = 25
 □ MI EGLE Volkswagen Funds = 7

* = full electric school bus fleet

Last Updated: June 7, 2024

MI Clean Bus Energy Grant 2024

\$125 million for clean school buses: [74\(b\) Clean Bus Energy Grant](#)

- **Michigan Department of Education (MDE), in collaboration with EGLE, wants your school district to have newer, cleaner school buses.**
 - Reduce diesel emissions
 - Improve air quality & public health
 - Prioritize funding for environmental justice communities across Michigan
 - Incentivize the utilization of technologies that have the greatest emissions reduction to meet the state's climate goals
- **Funds cover incremental costs towards the purchase of clean school buses**
 - Zero-emission electric school buses, charging stations and associated infrastructure
 - Propane school buses
 - Natural gas school buses

MI Clean Bus Energy Grant 2024

- NexSys application via MILogin portal
- Open NOW through **5:00 PM (ET) July 12, 2024**
- All Michigan Public School Districts are encouraged to apply
 - All school districts are eligible for funding at the following levels:
 - Minimum of 70% of the total cost of an ESB, infrastructure and charging station; **OR**
 - 25% of the total cost of a propane or CNG school bus
 - Incremental funding based on prioritization can boost funding levels from the baseline up to:
 - Maximum of 90% of the total cost of an ESB, infrastructure and charging station; **OR**
 - 45% of the total cost of a propane or CNG school bus

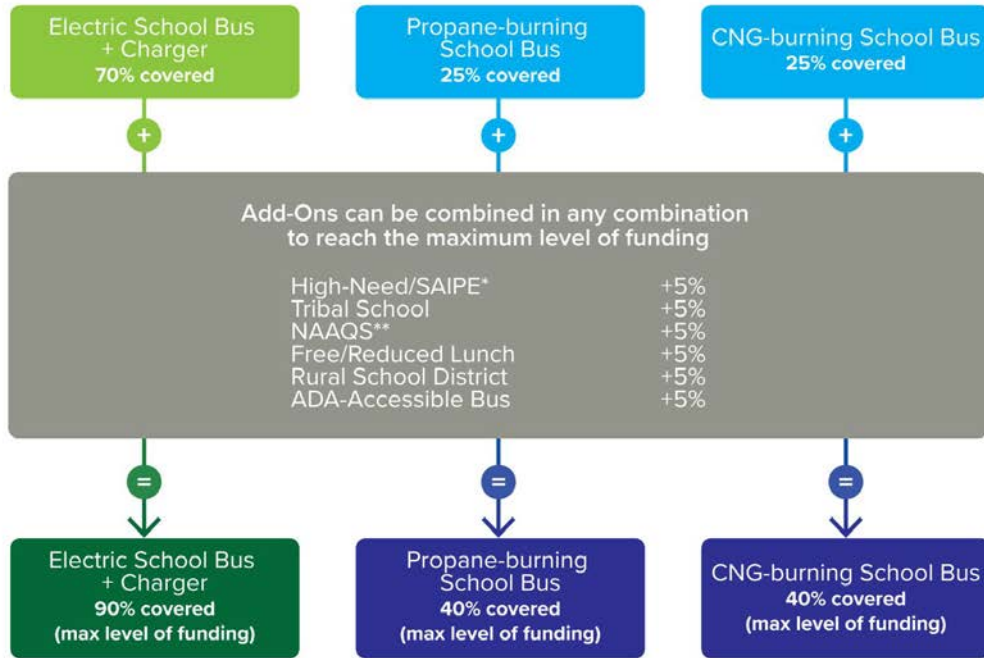
MI Clean Bus Energy Grant 74(b) 2024

Justice40: A minimum of 40% (\$50 million) of the total funds will be dedicated to funding prioritized districts

All new school bus types are eligible for boosts in funding above the baseline based on the following prioritization criteria:

- High-need school districts & low-income areas
 - Small Area Income and Poverty Estimates (SAIPE)
 - Free/reduced lunch
- Rural school districts
- Bureau of Indian Affairs-funded schools/School districts serving children residing on tribal lands
- Nonattainment/maintenance for a NAAQS criteria pollutant
- ADA accessible bus
- MI EJScreen*

Michigan School Districts' Funding Percentages by School Bus Type



OR

Automatic bump to maximum funding level if MiEJScreen is in the 75th percentile or higher.



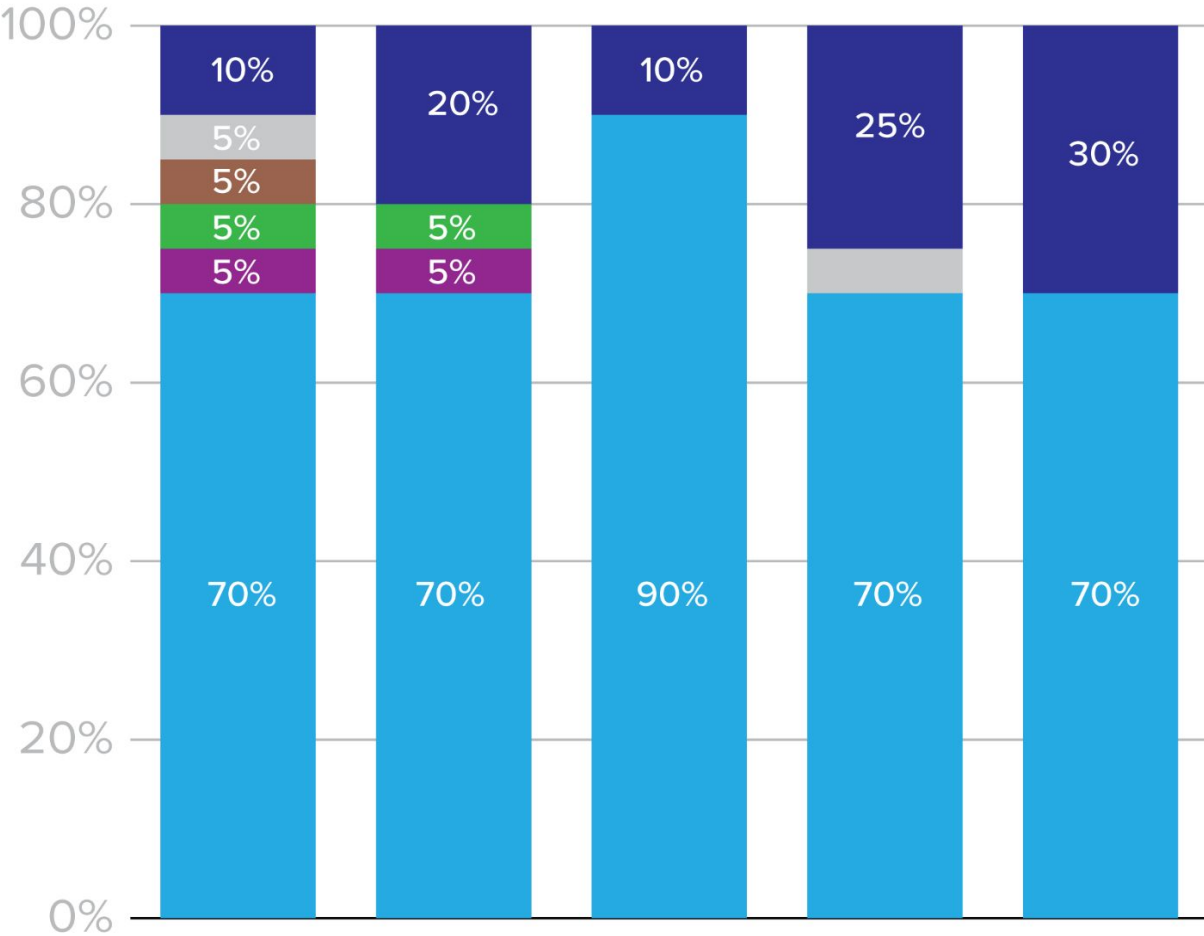
*SAIPE (Small Area Income and Poverty Estimates); provides estimates of income and poverty levels for all states and identifies levels of poverty among school age children in every school district based on U.S. Census Bureau data.
**NAAQS (National Ambient Air Quality Standards); standards on six key pollutants established by the U.S. EPA to safeguard public health.

Criteria	Definition	Additional Funding Percentage
High-need school districts + low-income areas (SAIPE)*	School districts listed in the Small Area Income and Poverty Estimates (SAIPE) School District Estimates for 2022 as having 15% or more students living in poverty.	5%
High-need school districts + low-income areas (Free and Reduced Lunch)*	School districts with the percentage of students receiving free and reduced lunch for the 2022-2023 school year greater than or equal to 70%.	5%
Rural school districts	Limited to school districts identified with locale codes "42-Rural: Distant" or "43-Rural: Remote" by the National Center for Education Statistics (NCES).	5%
Bureau of Indian Affairs-funded school districts	School districts that are federally funded through the Bureau of Indian Affairs.	5%
Section 7703(b)(1) of Title 20-supported school districts	School districts that receive basic support payments under section 7703(b)(1) of Title 20 for children who reside on Indian land.	5%
ADA-accessible school bus procurement	School districts wishing to utilize funding to purchase an ADA-accessible school bus.	5%
A NAAQS** nonattainment or maintenance status	School districts residing in a county currently designated as in nonattainment or maintenance status for NAAQS.	5%
MiEJScreen	School districts servicing census tracts with MiEJScreen score percentiles of 75th and higher.	20%

*School districts can receive up to 10% of additional funding (5% for SAIPE and 5% for free and reduced lunch eligibility) under the "High-need school districts + low-income area" criterion.

**NAAQS stands for 'National Ambient Air Quality Standards'.

Funding scenarios for ESB's



- School district funds
- Rural district
- ADA-Accessible School Buses
- SAIPE-Eligible
- Tribal school
- Baseline funding

Funding scenarios for all bus types

Fuel	Non-Prioritized District	Prioritized District	School districts servicing census tracts with MiEJScreen score percentiles of 75th and higher
Electric	70%	75-90%*	90%***
Propane	25%	30-40%**	40%***
CNG	25%	30-40%**	40%***

*Prioritized school districts are eligible to receive up to 90% of funding if seeking ESBs. Please see J. Priority Criteria of Section 74(b), Clean Bus Energy Grant for more information.

**Prioritized school districts are eligible to receive up to 40% of funding if seeking propane or CNG. Please see J. Priority Criteria of Section 74(b), Clean Bus Energy Grant for more information.

***School districts servicing census tracts with MiEJScreen score percentiles of 75th and higher are eligible to receive the maximum eligible funding.

Categories	Environmental Exposure	Environmental Effects	Sensitive Populations	Socioeconomic Factors
Indicators	NATA Air Toxics Cancer Risk NATA Respiratory Hazard Index NATA Diesel Particulate Matter Particulate Matter (PM _{2.5}) Ozone Traffic Density	Proximity to Cleanup Sites Proximity to Hazardous Waste Facilities Impaired Water Bodies Proximity to Solid waste Sites and Facilities Lead Paint Indicator Proximity to RMP Sites Wastewater Discharge Indicator	Asthma Cardiovascular Disease Low Birth Weight Infants Blood Lead Level Life Expectancy	Low Income Population Black, Indigenous, People of Color Population Educational Attainment Linguistic Isolation Population Under Age 5 Population Over Age 64 Unemployment Housing Burden
Sub Scores	<p align="center">Environmental Conditions</p> <p align="center">(Average percentile of Environmental Exposure indicators + 0.5 x average percentile of Environmental Effects indicators)</p> <hr/> <p align="center">1.5</p>		<p align="center">Population Characteristics</p> <p align="center">(Average percentile of Sensitive Population indicators + average percentile of Socioeconomic Factor indicators)</p> <hr/> <p align="center">2</p>	
Score	<p align="center">Final Composite Score = Environmental Conditions score x Population Characteristics score</p> <p align="center">MiEJScreen Score</p>			

Michigan's Clean Bus Energy Grant 74(b) 2024

Eligible Vehicles for REPLACEMENT:

- Diesel school buses **EMY 2010** and older are eligible for replacement via scrappage. See the program guide for scrappage requirements.
- Diesel school buses **EMY 2011** and newer are eligible for replacement via auction, sale, or donation.

Requirements for REPLACEMENT:

- **Ownership:**
 - The bus has been owned and operated by the entity for at least 24 months immediately prior to the date of application.
- **Function:**
 - It must have traveled at least 5,000 miles transporting students over the 12 months immediately prior to the date of application.
 - It must have used at least 600 gallons of fuel over the 12 months immediately prior to the date of application.

Michigan's Clean Bus Energy Grant 74(b) 2024

Program requirements:

Minimum # of Buses: 1

Maximum # of Buses: 10 or 50% of your fleet, whichever is fewer

New buses are expected to be:

- Same type (Type A-D)
- Similar gross weight rating
- Ownership; and
- Serve the same geographic area compared to the replacement bus.

**IF this is not the case, email MDE and inquire to have a conversation about your application.*

- Be prepared to justify any differences given the aim of this program is to improve air quality by replacing the oldest, dirtiest buses from the communities most deeply impacted by environmental justice.

We want to work with you to achieve these goals!

Michigan's Clean Bus Energy Grant 74(b) 2024

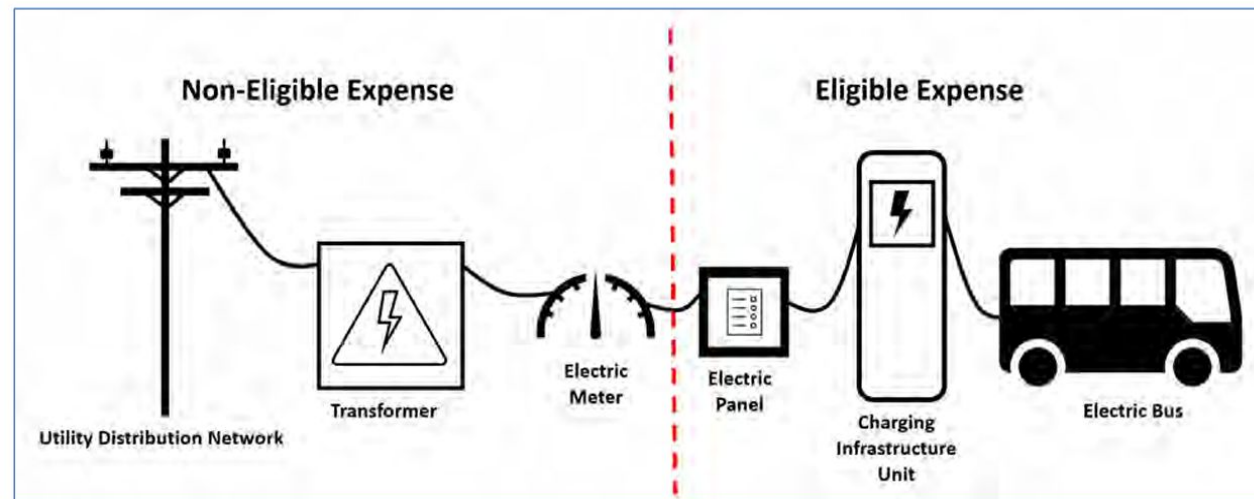
What's covered?

- ESB, charging station, infrastructure
 - Infrastructure costs are defined as any upgrades required for charging stations from the electric meter to the bus, including but not limited to the electric panel
- Propane/CNG bus only

Program reimbursement/awards:

Upfront after all required documentation has been received and the project has been approved by MDE

- Costs incurred from the grant administration and vehicle disabling are not eligible for reimbursement



Michigan's Clean Bus Energy Grant 74(b) 2024

Application requirements:

- MI Login
- NexSys portal account

Forms to be submitted:

- School Board Awareness Certificate
- Utilities Awareness Certification
- Service Level Agreement
- Competitive Bid Proposal from MSBO (not a form- upload to application)

Application deadline:

5:00 PM ET July 12, 2024

Selection:

- Applications will be reviewed and selected by MDE and EGLE.
- If funding is fully subscribed, then a lottery will be held. If not, future rounds will be held until funds are exhausted.

Announcements & payment timeline:

- August-September, 2024

Appendix A:

2023 MI Clean School Bus Program School Board Awareness Certification

By signing, I certify that I am an Authorized Representative for *(school board name)* and that *(Applicant Name)* has made us aware that *(Applicant Name)* is applying for the 2024 MI Clean School Bus Program funding for the *(School District Name)*. I also certify, in discussions with *(Applicant Name)*, we have discussed the number of buses for replacement, the fuel type of the new buses, and which party will own the buses.

School Board Authorized Representative

<i>School Board Authorized Representative Name (Print)</i>		<i>Authorized Representative Signature</i>
<i>Authorized Representative Title</i>	<i>Phone Number</i>	<i>Email</i>

School District Authorized Representative

<i>School District Authorized Representative Name (Print)</i>		<i>Authorized Representative Signature</i>
<i>Authorized Representative Title</i>	<i>Phone Number</i>	<i>Email</i>

Applicant Authorized Representative

<i>Applicant Authorized Representative Name (Print)</i>		<i>Authorized Representative Signature</i>
<i>Authorized Representative Title</i>	<i>Phone Number</i>	<i>Email</i>

Appendix B:

2023 MI Clean School Bus Program Utilities Awareness Certification

By signing, I certify that I am an Authorized Representative for *(the utility company)* and that *(Applicant Name)* has made us aware that *(Applicant Name)* is applying for the 2024 MI Clean School Bus Program funding for the *(School District Name)*. I also certify, in discussions with *(Applicant Name)*, we have discussed the number of buses for replacement, the fuel type of the new buses, and infrastructure needs.

Utilities Authorized Representative

<i>Utilities Authorized Representative Name (Print)</i>		<i>Authorized Representative Signature</i>
<i>Authorized Representative Title</i>	<i>Phone Number</i>	<i>Email</i>

School District Authorized Representative

<i>School District Authorized Representative Name (Print)</i>		<i>Authorized Representative Signature</i>
<i>Authorized Representative Title</i>	<i>Phone Number</i>	<i>Email</i>

Applicant Authorized Representative

<i>Applicant Authorized Representative Name (Print)</i>		<i>Authorized Representative Signature</i>
<i>Authorized Representative Title</i>	<i>Phone Number</i>	<i>Email</i>

Michigan's Clean Bus Energy Grant 74(b) 2024

In **CONCLUSION**:

- Simple, straightforward application
- Funds are **STACKABLE** with federal & utility programs
- Prioritization- Check the list!
- Benefits of ESBs
- Don't delay!
- Resources are available
 - Weekly office hours: Fridays from 9:30 - 10:30 AM
 - Webinar
 - FAQ document
 - NexSys Job Aid
 - Email questions to: MDE-CleanBusEnergy@michigan.gov

Michigan Environmental Justice Impact Grants

- \$500,000 per applicant
- Tribes, non-profits, schools, institutions of higher education, and local governments can apply.
- Project categories:
 - A. Community improvement projects to improve public health
 - B. Pollution monitoring (non-regulatory)
 - C. Indoor air quality in schools/daycares
 - D. Blight or contaminated site cleanup
- Applications due July 15, 2024

Michigan Environmental Justice Impact Grants

See [EJ Impact Grant website](#) for complete and updated information!

Contact info:

- www.Michigan.gov/environmentaljustice
- EGLE-EnvironmentalJustice@michigan.gov
- HutchensK1@Michigan.gov

