DEPLOYING ELECTRIC SCHOOL BUSES WITHIN TRIBAL NATIONS & NATIVE COMMUNITIES

ITEP Clean Transportation Roundtable

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WORLD RESOURCES INSTITUTE

ABOUT WORLD RESOURCES INSTITUTE

WRI is a global research organization with over 1,900 experts working across 60+ countries

Electric School Bus INITIATIVE

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WRI'S ELECTRIC SCHOOL BUS INITIATIVE

- Partner with communities, school districts, industry experts, manufacturers, utilities, and policy makers to **transform and electrify** the school bus market
- Together, build unstoppable momentum to **electrify** 480,000 school buses in the U.S. by 2030
- Ensure an **equitable transition** by focusing on underserved communities

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EQUITY-CENTERED PROJECT

Cross-cutting Equity Team

Equity staff member serves as point of contact for each pillar team

Supports implementation of equity strategy into pillar and stakeholder-specific activities

Equity Framework

Guides decision-making

Helps operationalize and normalize centering equity

Guides internal commitments project-wide

Equity Community Of Practice

Builds staff understanding of historic and systemic inequities in mobility, transit and energy

Internal learning events, resource bank and facilitated discussion groups

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OUR APPROACH: MULTIPLE STAKEHOLDER MODEL

Together with partners, WRI's Electric School Bus Initiative is working in five areas of focus:

Support school districts in accelerating the equitable transition to electric school buses.

Collaborate with manufacturers across the electric school bus supply chain in preparing for an equitable and sustainable transition.

Work with electric utilities to improve interconnection and investments for electric school bus charging infrastructure, including supportive rates and tariffs.

Engaging policymakers to drive policies that grow demand, reduce barriers and increase electric school bus public funding.

Partner with communities pursuing school bus electrification and support with tools and resources.

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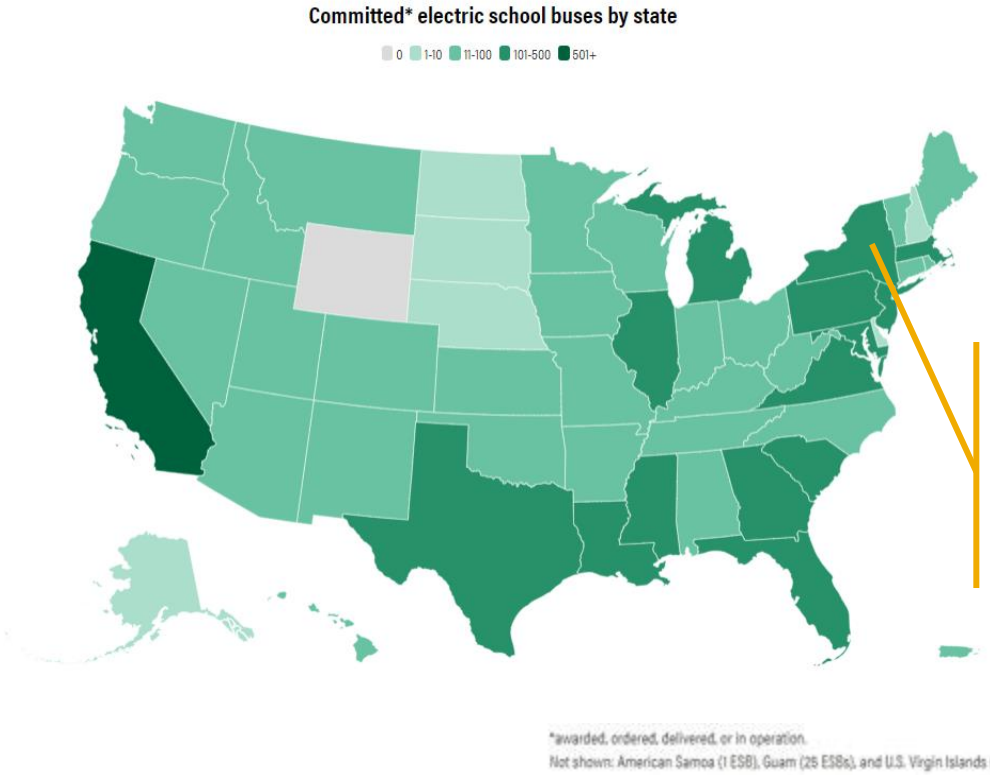
ELECTRIC SCHOOL BUS ADOPTION



- **8,820** ESBs committed
- ESBs are on the road in **48 states**
- ESBs are operating in **urban, rural and suburban** communities

Leading states for commitments:
- California: 2,561 electric school buses
- Illinois: 418 electric school buses
- New York: 409 electric school buses

Source: WRI analysis, May 2024 | Note: Data is not available for the number of accessible buses.

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BY THE NUMBERS – ESBS IN INDIAN COUNTRY

School Type	Awarded	Ordered	Operating	TOTAL
Bureau of Indian Education (BIE) funded schools	27	0	8	35
Public schools receiving impact aid for native students	155	58	86	299
Private or charter language immersion and native cultural schools	2	0	4	6

https://electricschoolbusinitiative.org/electric-school-bus-data-dashboard

Source: WRI analysis, April 2024

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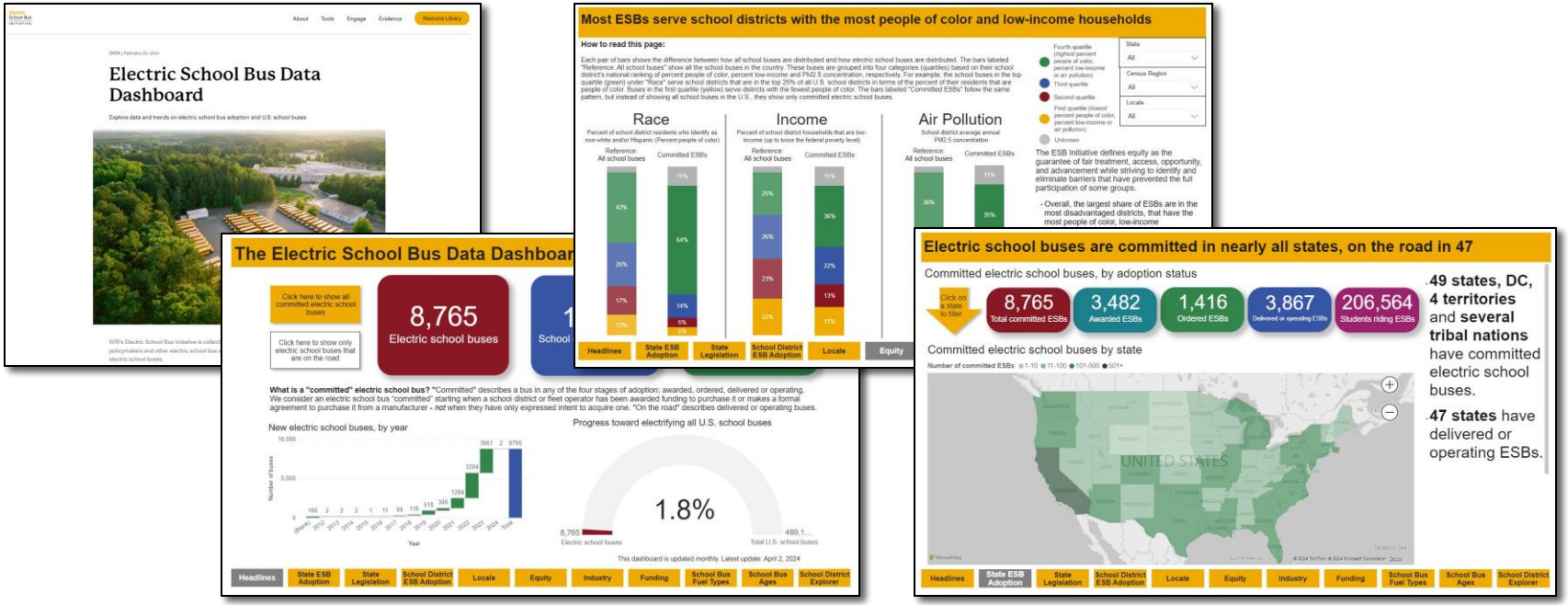
ESB INITIATIVE DATA DASHBOARD



electricschoolbusinitiative.org/electric-school-bus-data-dashboard

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ESB INITIATIVE RESOURCES

Technical assistance & instructional resources for school districts

Case studies sharing key learnings, best practices and practical knowledge

Partner-oriented **strategic plans and roadmapping assessments**

District-ready **informational** and **promotional materials**

Step-by-step guide for school bus electrification

Funding support for EPA Clean School Bus Program and DERA

Electric school bus **US Market Study and Buyer's Guide**

Electric school bus **Request for Proposal (RFP) Template**

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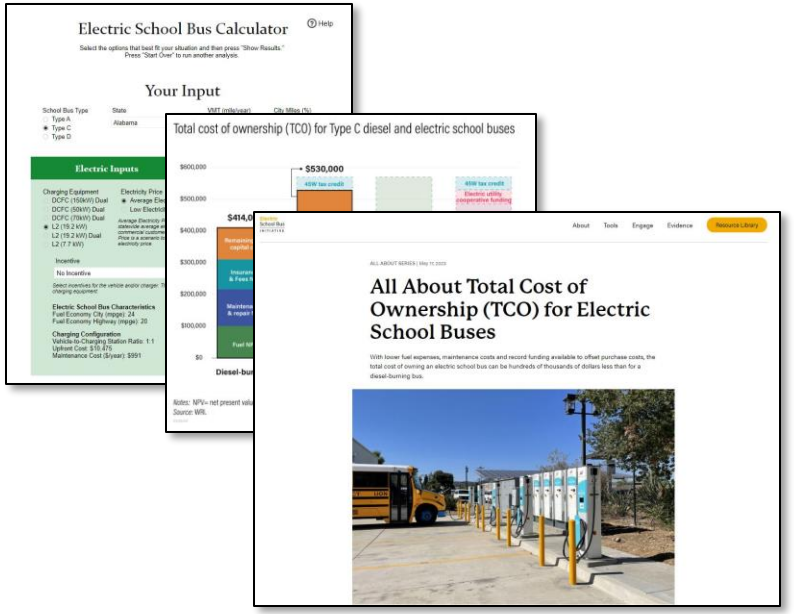
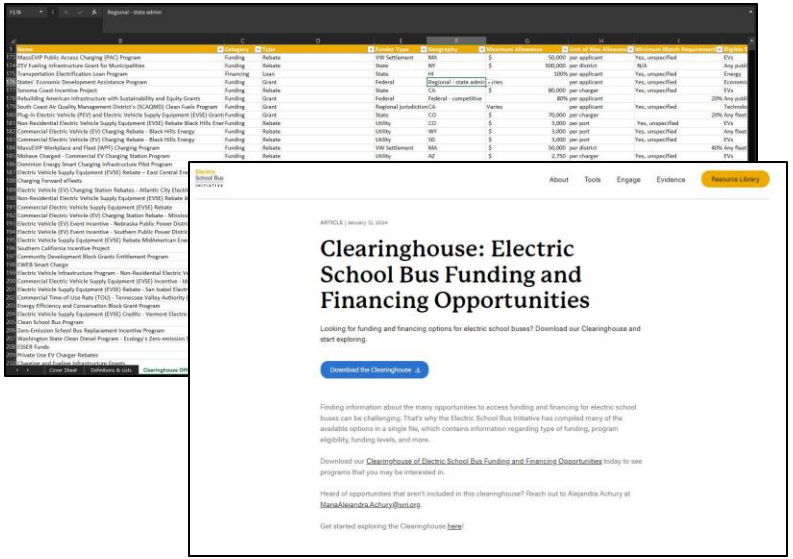
ESB INITIATIVE RESOURCES



All About Total Cost of Ownership (TCO)
for Electric School Buses



Clearinghouse: Electric School Bus
Funding and Financing Opportunities

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FEDERAL FUNDING OPPORTUNITIES

EPA Clean School Bus Program

Tribal Diesel Emissions Reduction Act

EPA Clean Heavy-Duty Vehicles Grant Program

Source: ESB Initiative's Clearinghouse

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	EPA Clean Heavy-Duty Vehicle (CHDV) Grants	EPA Tribal Diesel Emissions Reduction Act (DERA)
Deadline to apply	Thursday, July 25, 2024 at 11:59 PM ET	Friday, December 6th, 2024 at 11:59 PM ET
Funding available	~$700M for School Bus Sub-Program, $400M for projects serving nonattainment areas	Total of ~$9 million: $8 million for Tribes and & $1 million for territories. Awards for Tribal gov'ts/Alaska Native Villages <$800,000, awards for territory gov't entities <$400,000.
Eligible applicants	States/territories, municipalities/school districts, Tribes, nonprofit school transportation associations (**no** for-profit applicants)	States, including U.S. territories; Municipalities, including public school districts; Indian Tribes; and Nonprofit school transportation associations
Eligible technology	Class 6 and 7 vehicles only, ZEVs only, no leasing or repowers, MY 2010 and older buses are first priority; No bus minimum for Tribes	Diesel Vehicles, Engines, and Equipment (including school buses, on-road and off-road vehicles) MY 2010 or older; Diesel emission reduction solutions; No bus minimum for Tribes
Cost share	25% cost share **waived** for Tribe and territory applicants	Not required as a condition of eligibility under this competition, applicants may propose to provide voluntary cost share
Application process	15-page max, 10-bus min, 2- to 3-year project period, submitted via Grants.gov, scored on a rubric. Supplemental forms: Fleet sheet and project narrative (workplan + budget) required, school district approval form required for third-party applicants, school board awareness and utility partnership forms required but not binding	14-page max, 2- to 3- year project period, submitted via Grants.gov, scored on a rubric. Supplemental forms: Fleet sheet and project narrative (workplan + budget table), emissions reduction calculations, cost share commitment letters (if applicable)

TECHNICAL ASSISTANCE OFFERINGS

Open Office Hours

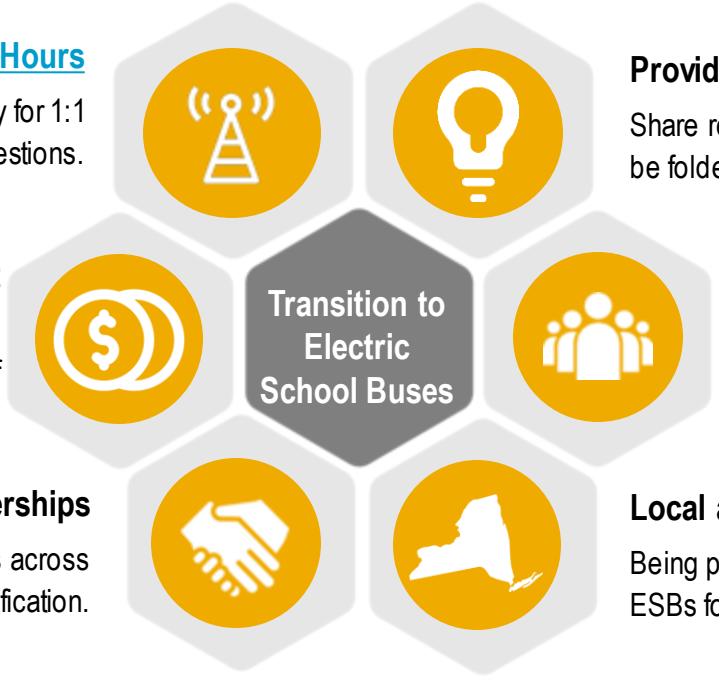
Contact WRI staff directly for 1:1 sessions on district-specific questions.

Funding Assistance & TCO Support

Understand and expand federal & state funding options. Support with Total Cost of Ownership (TCO) calculations for ESBs.

Enhancing School District Partnerships

Connecting school districts with others across the country that are working on electrification.



Providing Tools and Resources

Share research and talking points on ESBs that can be folded into your budget/voter outreach material.

ESB Cohort Opportunity

Peer to peer learning & facilitated workshops focused on electric school buses and the selected district's needs.

Local and Statewide Engagement

Being present at/providing resources on ESBs for any relevant events with districts.

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IRA TAX CREDITS WEBINAR

Want to learn how your school district may qualify for federal tax credits for your electric school bus and charging infrastructure?

Join us on June 11th to hear from experts and school administrators!

Register here: bit.ly/ESBtaxcredits

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THANK YOU!

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