SCHOOL BUS LANDSCAPE: LOTS OF SCALE

480,000

Total vehicles in the U.S. school bus fleet

7 billion

Combined trips taken by vehicles in U.S. school bus fleet each year

16,000

School districts (decision node for most purchases)

1,500

School bus contractors
2/3 of buses district
owned or leased
1/3 owned by private
contractors

21 million

Students served by the U.S. school bus fleet every day

300,000

Total drivers in the U.S. school bus fleet

3,000

Electric utilities

2/3 are publicly operated

Others are cooperatives

or investor owned

26

Companies in electric school bus manufacturing space

Electric School Bus

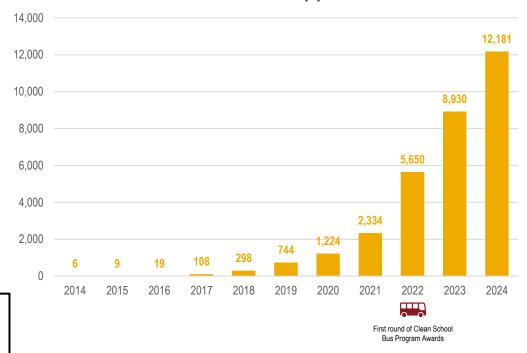


ELECTRIC SCHOOL BUS MOMENTUM

- 12,181 committed electric school buses as of 7/18/24
- 2.5% of U.S. school bus fleet
- In 2023, electric school buses accounted for 5% of all U.S. school bus sales

Committed: awarded, purchased, delivered or in use

New electric school buses, by year, cumulative

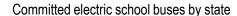


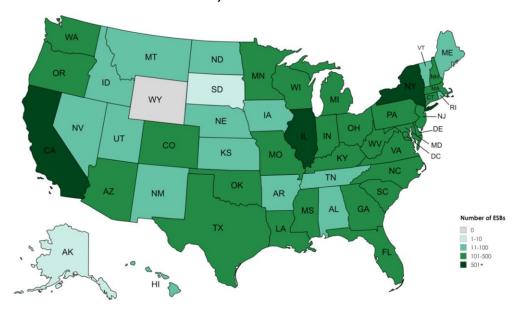




ESBS IN NEARLY EVERY STATE

- 49 states, DC, four territories, and several tribal nations have committed ESBs
 - · Wyoming is the only state without
- 49 states, DC, American Samoa, the Lower Brule Sioux Tribe, Mississippi Band of Choctaw Indians, Morongo Band of Mission Indians, and the Soboba Band of Luiseño Indians have ESBs on the road
- CA (3,110), NY (764), and IL (609) have most committed ESBs
 - Followed by FL (467), PA (460), and MD (439)





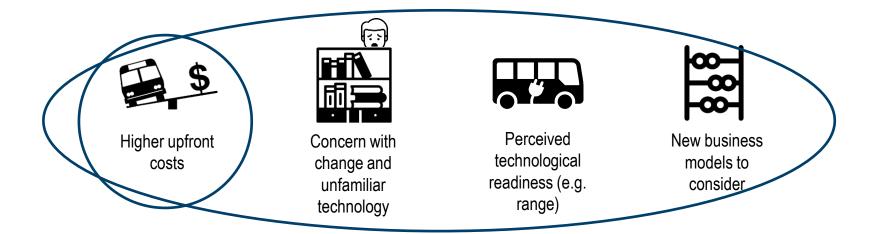








BARRIERS TO EQUITABLE FLEET ELECTIFICATION





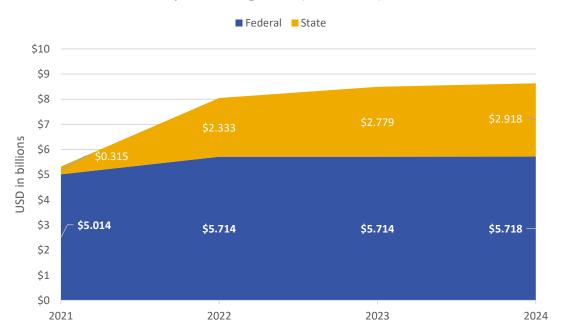
These impact underserved communities disproportionately





\$8.6B IN FEDERAL + STATE FUNDING TO DATE

Cumulative \$USD amount of public funding committed for purchasing ESBs (in billions)



2024 value reflects estimated value for 45W tax credit 30C not included

Opportunity to combine with financing, including from green banks







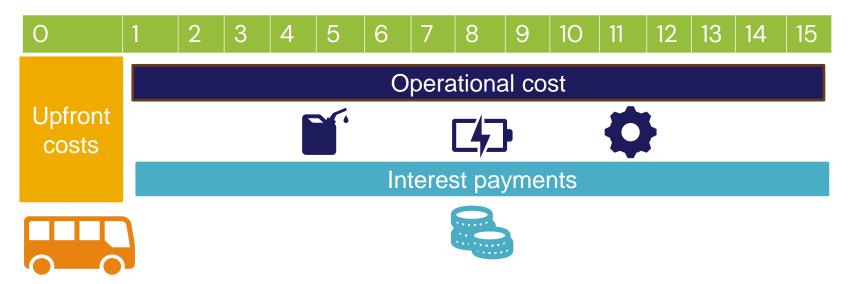


WHAT IS TOTAL COST OF OWNERSHIP?

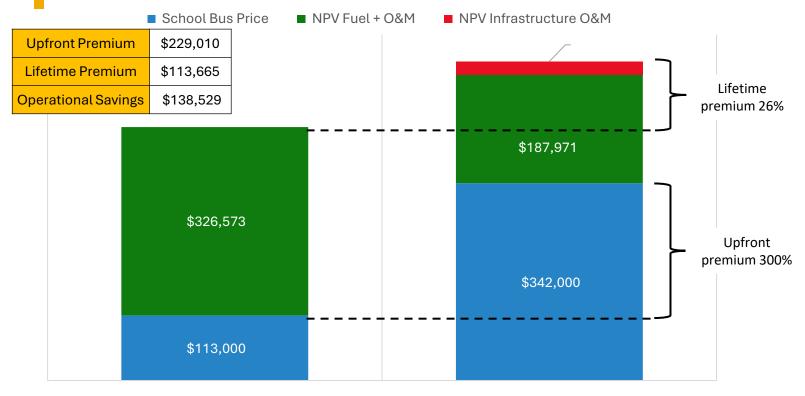




Total Cost of Ownership (TCO) is the sum of all current and future capital, operating, and financing expenses associated with the ownership of an asset. It's an important consideration when purchasing a new school bus.



ESBS CARRY A MODERATE TCO PREMIUM



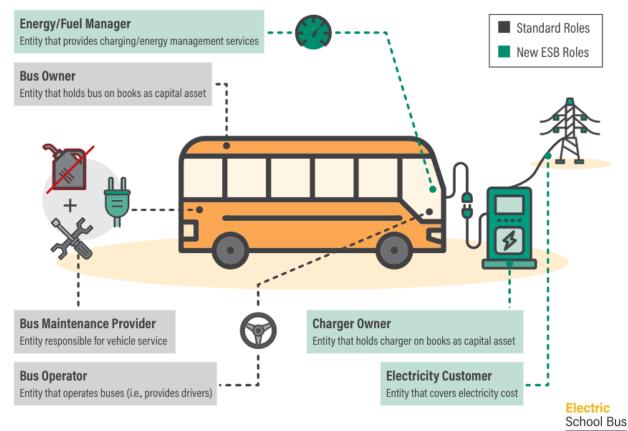
DIESEL

ELECTRIC - 45W





ROLES WITHIN ESB BUSINESS MODELS





INITIATIVE

TAXONOMY OF ESB BUSINESS MODELS

	Roles within <u>all</u> business models		Roles that are specific to electrification			
Business Models	Bus owner & maintenance	Bus operation	Charger owner (& Maintenance)	Energy manager (software)	Electricity Customer	Example (not exclusive)
Traditional	SD	SD	SD	SD or 3 rd party	SD	Original model
Lease	3 rd party	SD	SD	SD or 3 rd party	SD	OEM lessor/dealer + partner
Charging-as-a- Service	SD	SD	3 rd party	3 rd party	SD	Mobility House, Amply, Electric Utilities, ESCos
Turnkey asset management	3 rd party	SD	3 rd party	3 rd party	3 rd party	Highland, Dominion Energy
Transportation-as- a-Service	3 rd party	3 rd party	3 rd party	3 rd party	3 rd party	Zum, NYCSBUS, First Student



