

E-BUSES The Why, How and When

WHY

\$5 Billion in EV Bus Funding Available

The EPA's Clean School Bus Program is distributing \$5 billion over five years (2022– 2026) to support electric bus adoption.

So far, nearly \$2 billion has funded 5,000 electric school bus replacements at more than 600 schools.

Grants help reduce upfront costs, making infrastructure and bus acquisition accessible.

HOW

Fleet Electrification Plan

Fleet electrification plans cover route analysis, charging strategy, utility coordination, and phased implementation. These strategies guide equipment selection, site planning, fleet operations, and long-term EV adoption.

Site Infrastructure Plan

EV buses and chargers require early coordination with utilities, permitting, and installation planning. Initial site plans should account for both immediate needs and future expansion.

WHEN

Scale your deployment

Start with short, low-speed routes to gain experience, then expand to longer or more complex routes. A phased rollout helps districts build confidence and optimize operations before scaling fleet-wide.

Cleaner Air. Healthier Communities.

Electric school buses reduce diesel emissions, improving air quality for students and neighborhoods.

Additionally

- e-buses reduce:
- Noise pollution
- Brake dust
- Oil consumption and spills

Lower Costs. Easier Operations.

Efficiency and savings from e-buses make the adoption of this technology worth the investment, with benefits like reduced maintenance costs and lower fueling costs, which improve operations.



Types of E-Buses

Today's e-bus providers offer options in size, passenger capacity, shape and range to accommodate different needs and stages of e-bus adoption.



needs — and funding can offset the cost.

Range: 100–150 miles per charge Average route: 63 miles/day

Site conditions and driving style affect actual range.

Lynkwell is the only full-service EV charging provider in the U.S., offering end-to-end solutions for planning, funding, installation, and management.

Our energy management tools help school districts keep buses charged while optimizing for time-of-use and demand rates.

Electric Vehicle Charging Types

Category	Level 2	Level 3
Charge time	Slower, overnight or top off	Faster, mid-day & overnight
Installation difficulty	Easy	More complex
Electricity draw	Medium	High to very high
Cost	Inexpensive	More expensive
Maintenance	Low to medium	Medium to high
Footprint size	Small with wall/	Large (floor units)

Charging and Software

Along with management tools, are essential for scalable operations. Charger type affects cost and installation; software helps manage performance, uptime, and energy use across your fleet.

We Provide



lynkwell.com

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