



ACOG CASE STUDY

HOW ELECTRIC SCHOOL BUSES SAVED SHAWNEE PUBLIC SCHOOLS THOUSANDS

Learn how districts can save with ACOG
Public Fleet Conversion Grant Program

SEPTEMBER 2025



SHAWNEE PUBLIC SCHOOL DISTRICT

VISIONARY STEPS

Shawnee Public School District seized the opportunity to improve its fleet by securing grant funding and forming strong partnerships. Their proactive approach has positioned them at the forefront of school transportation innovation, in Oklahoma.

- Deployed 8 electric school buses (IC brand, built in Tulsa)
- Partnered with OU's RECHARGE-OK project
- Collaborated with ACOG Central Oklahoma Clean Cities Coalition and state agencies



ALTERNATIVE FUEL VEHICLE INCREMENTAL COST DIFFERENCE EXAMPLE



Conventional School Bus

- \$110,000 purchase price



Alt Fuel School Bus

- \$320,000 Electric



Grant covers the incremental cost difference between a diesel bus vs alt fuel (electric) bus

- \$210,000 – Grant covers
- \$110,000 – Applicant covers

LOWER OPERATING COST



FUEL SAVINGS

- **\$40,900/year** fuel savings by using electric buses.



ELIMINATED OIL CHANGES

- Eliminating **\$600** oil changes required every 4-6 weeks for diesel buses.



REDUCED BRAKE MAINTENANCE

Reduced brake maintenance cycles, with EV buses needing brake pad rebuilds every **3-4 years** compared to diesel buses every 12-14 months.

These cost reductions allow districts to redirect taxpayer dollars toward education and student programs, demonstrating the clear value of EV school buses for Oklahoma.

ADDITIONAL BENEFITS



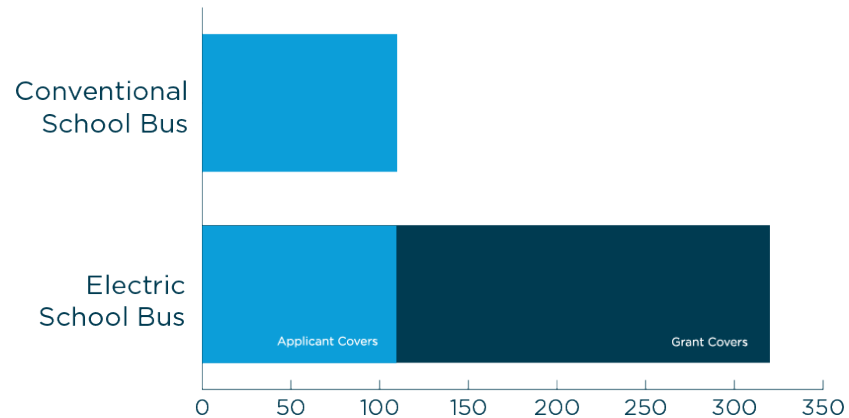
- Quiet ride = Better student behavior
- Faster throttle = Smoother driving experience
- No tailpipe emissions during bus lineups
- Drivers prefer EVs = Better retention during driver shortages



PROJECT CATEGORIES

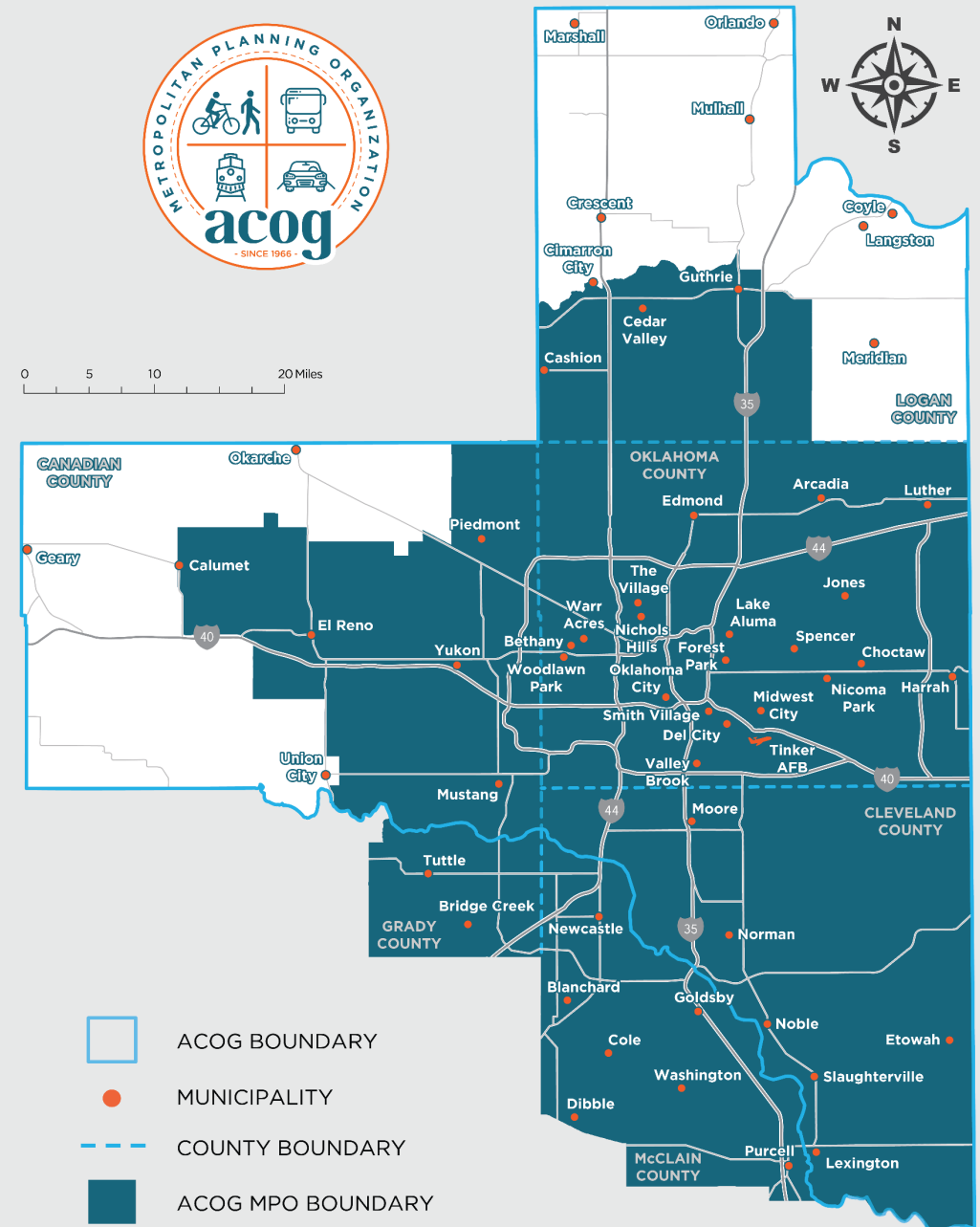
ALTERNATIVE FUEL INFRASTRUCTURE

- Grant covers 80% of the cost with a 20% match required from the applicant



IS YOUR SCHOOL DISTRICT ELIGIBLE?

- YES** — If your school district operates within the ACOG MPO boundary



GETTING STARTED IS SIMPLE.

The same opportunity is available across central Oklahoma. With support from ACOG and proven models like Shawnee, your district can make the same leap.

- Choosing EVs is more than affordable. It positions your district for long-term success
- Shawnee has shown what's possible
- Grant funds are available and cover most upfront costs
- Let ACOG help you get started
- Apply through the ACOG grant portal acogok.org/air-quality-grants
 - Application OPENS: **September 2, 2025** | CLOSES: **October 31, 2025** at **4:00 p.m.**
- Contact **Eric Pollard** (epollard@acogok.org) or **David Frick** (dfrick@acogok.org) with any questions.

APPLY FOR A PUBLIC FLEET CONVERSION GRANT AND SET YOUR DISTRICT UP FOR LONG-TERM SUCCESS

OKLAHOMA CLEAN DIESEL (DERA) PROGRAM

Replacement of old diesel-powered school buses with new propane (LPG), natural gas (LNG or CNG), or all-electric powered buses

Up to **35% reimbursement** if certified to CARB's Optional Low—NO_x standards.

Up to **45% reimbursement** for 2021—model (or newer) **zero-emission (all-electric)** buses—including single charging unit

Requires scrapping of vehicle being replaced

Opens every 1—2 years

EPA CLEAN SCHOOL BUS PROGRAM

Replacement of existing internal combustion engine heavy—duty vehicles with **zero—emission vehicles**

The incremental cost of replacing a non—zero—emission Class 6/7 heavy—duty vehicle with an eligible **Class 6/7 zero-emission vehicle**;

The purchase and installation of **refueling infrastructure** that will support vehicles replaced under this program

Anticipated call for projects Fall 2025 or Spring 2026