

OHIO PUBLIC FLEETS RUN ON PROPANE

Clean • Safe • Efficient • Economical • Easy • Quiet



LAKETRAN

Propane offers the greatest ROI. They're saving \$455,000 per year on their propane fleet.



JOHN GLEN INTERNATIONAL AIRPORT

Runs a propane passenger fleet easily, handling 1.2 million miles while saving \$200,000 annually.



MUSKINGUM COUNTY SHERIFF DEPARTMENT

Saving taxpayer money and cleaning up the environment with propane fleet

Average Cost Per Mile
Maintenance Cost Per Mile:
\$0.10/mile

Fuel Cost Per Mile:
\$0.16/mile

Total Cost Per Mile:
\$0.26/mile

Fuel Type	Paratransit Cost
Propane	\$48,000
Electric	\$93,000
Diesel	\$53,000
Gasoline	\$42,000

Annual GHG Emissions

143 short tons

Fleet Usage of Propane in Sectors Optimal for Propane Fuel Include:

- Shuttle Buses: average life span of 5 to 8 years, utilizing 3,000 to 8,000 gallons a year
- Taxi or similar vehicle: average life span of 5 to 10 years, utilizing 2,000 to 6,000 gallons a year

Sources: Alternative Fuels Data Center (AFDC) West Virginia University Alternative Fuels: Comparison of Maintenance Cost of Medium and Heavy-Duty Comparison ICOM North America March 2023 Article; BPNews: The Ever-Growing Case for Autogas – Albie Venezio

Propane Fueling Infrastructure

Options	On-site Standard Private	On-site Advanced Private
Fleet Size	Best for a fleet of less than 50	Best for 50+ vehicles
Set-Up	Onsite 1,000 – 3,000-gallon tank	Larger gallon tank, canopy & multiple dispensers
Propane Supplier Owns Infrastructure	The fleet is responsible for site preparation: crash protection and electrical. Cost for Fleet: \$1,500–\$15,000 (site preparation)	The fleet is responsible for site preparation: crash protection and electrical for a two-dispenser setup. Cost for Fleet: \$5,000–\$75,000 (site preparation)
Fleet Owns Infrastructure	The fleet is responsible for site preparation: crash protection and electrical. Cost for Fleet: \$1,500–\$15,000 (site preparation)	The fleet is responsible for site preparation: crash protection and electrical for a two-dispenser setup. Cost for Fleet: \$60,000–\$225,000 (infrastructure) + \$5,000–\$75,000 (site preparation)