



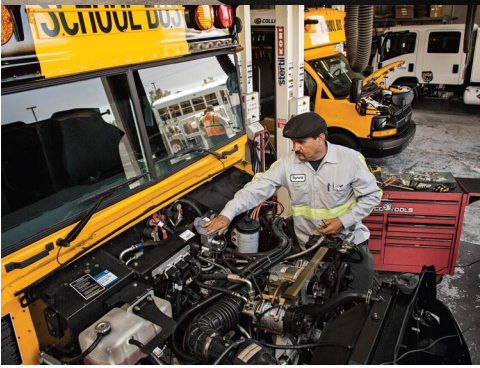
AUTOGAS ANSWERS

Your Fleet Fueling Needs

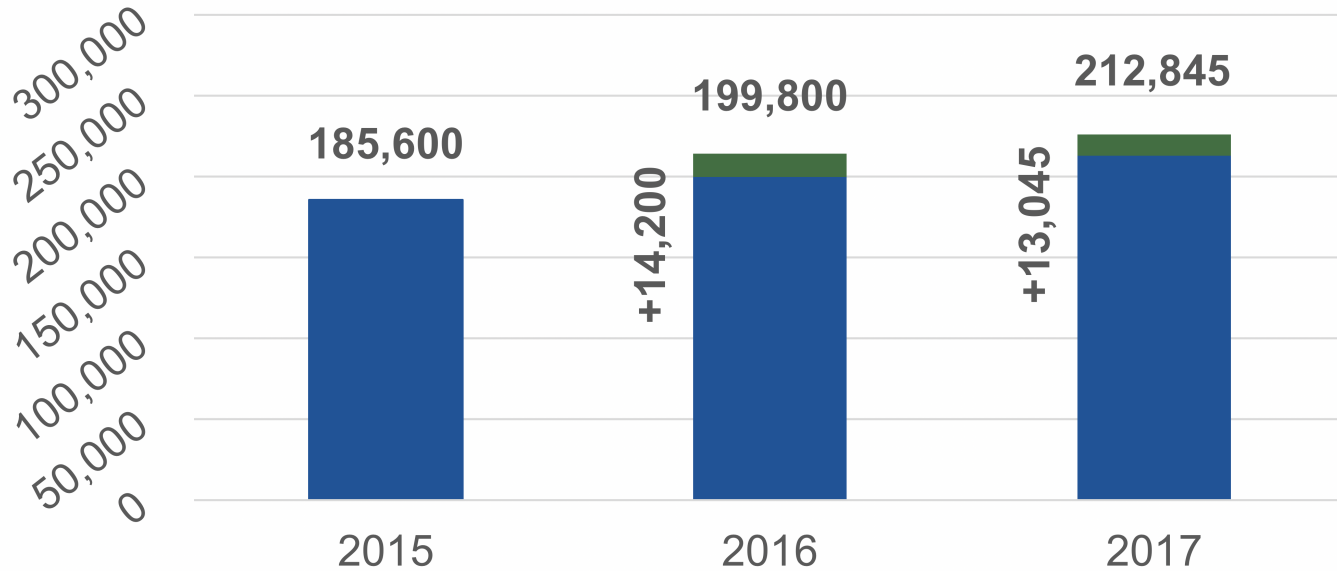
Greg Zilberfarb



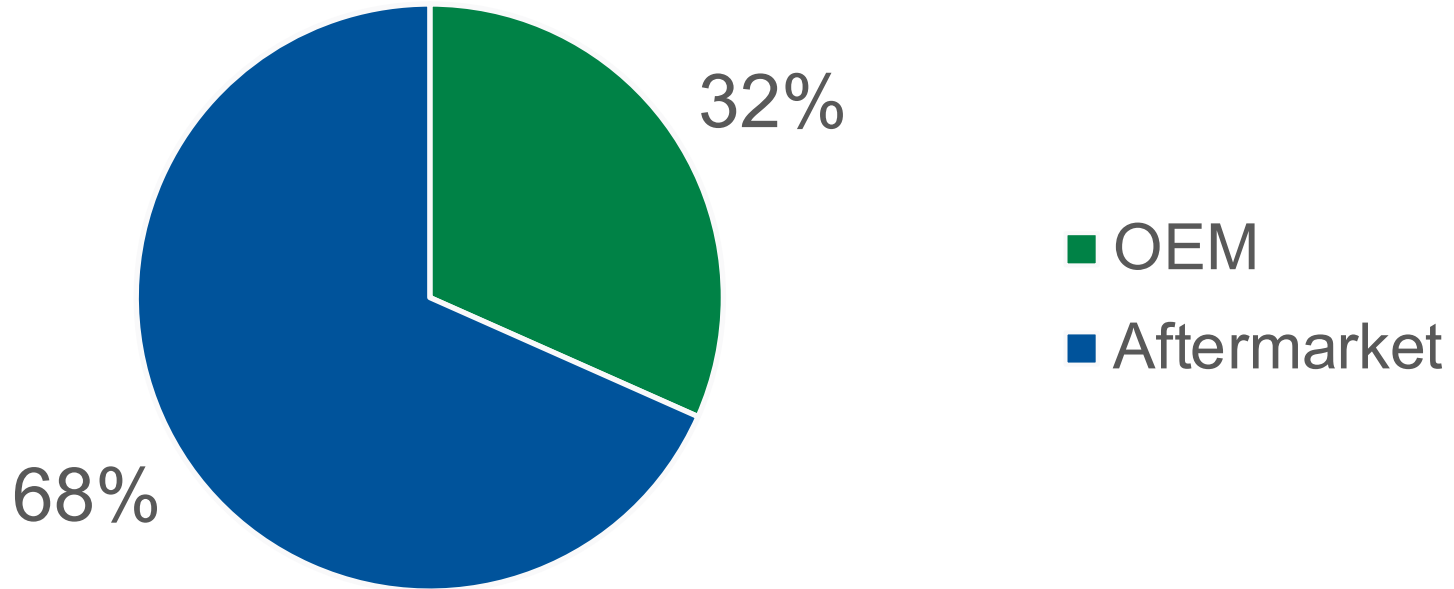




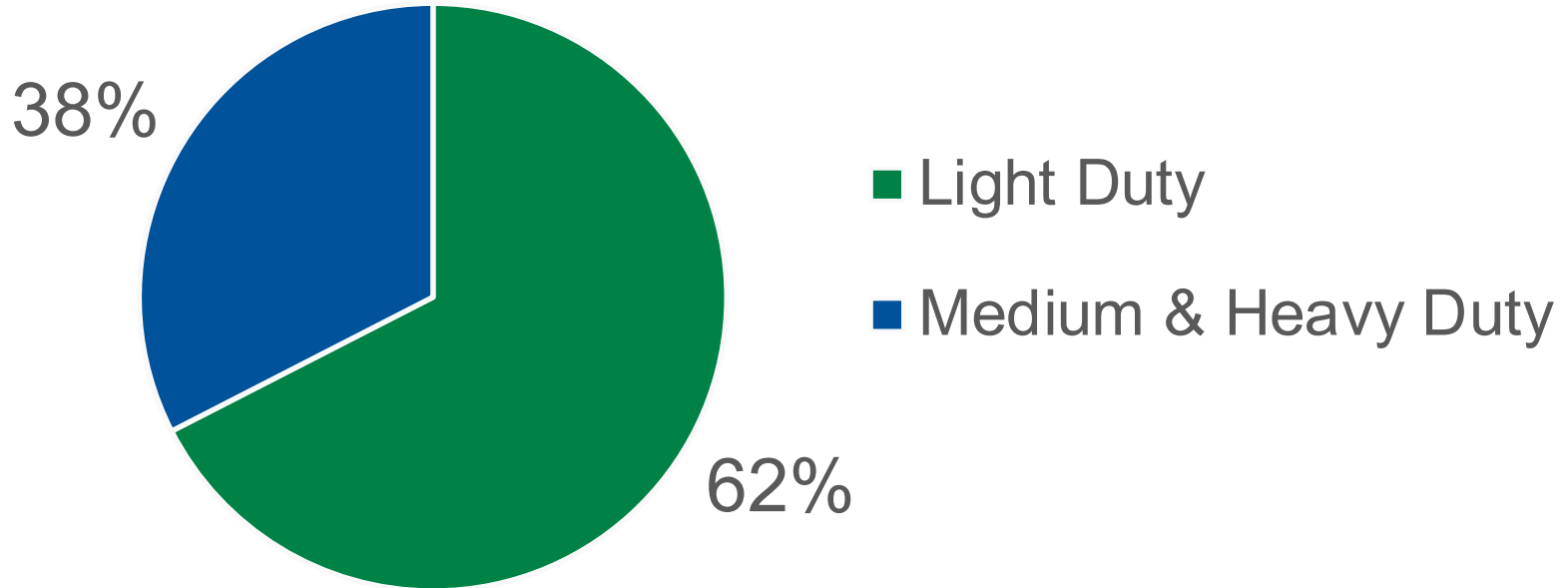
PROPANE AUTOGAS VEHICLE SALES



2017 PROPANE SALES



NEW PROPANE SALES 2017



Everyday, propane buses transport almost 1 million students across the U.S.

Approximately
15,600
propane
school buses
are on the route daily



Safely transporting
approximately
1,000,000
students/day

In the fleets of
approximately



848 school
districts, private
schools and bus
contractors

Based on IHS-Polk data for new vehicle registrations and Vehicles in Operation registrations through March 2-18. There are no registered Type D propane school buses from January 2012 through March 2018 in Polk's new vehicle registration database. Additional buses based on manufacturer information and other publicly available information, which includes buses ordered and/or delivered but not yet registered and buses sold before 2012 which did not include propane fuel type in their Vehicle Identification Number (VIN) and sales data from other public sources. Ridership based on approximately 62 students per Type C bus and 14 students per Type A bus. Double routing and use for extracurricular activities can increase ridership.

THE LOWEST TOTAL COST-OF-OWNERSHIP

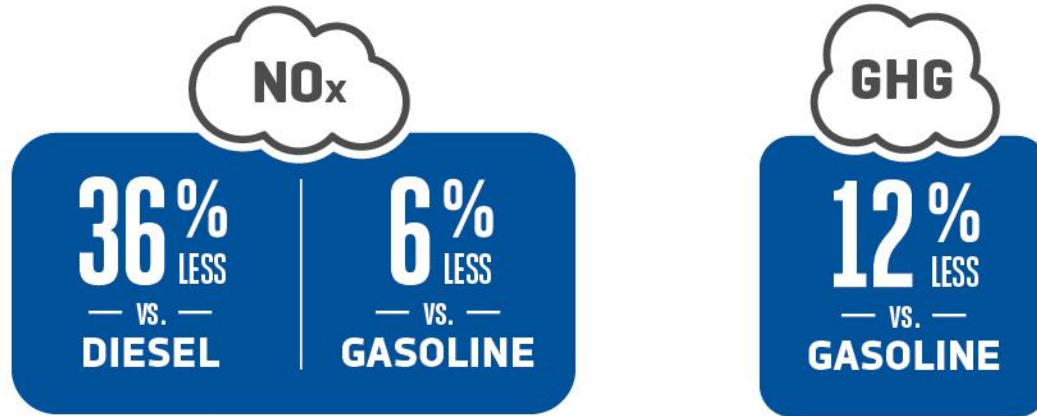
- Complete lifecycle analysis.
- 3 F's: Fuel, Filters, and Fluids.
- Maintenance and repairs.
- Labor and wages.
- Fuel handling and storage.
- Garages and facilities.
- Refueling infrastructure.



Non-toxic and a non-contaminant of
air, soil, and water resources.

EMISSIONS REDUCTION

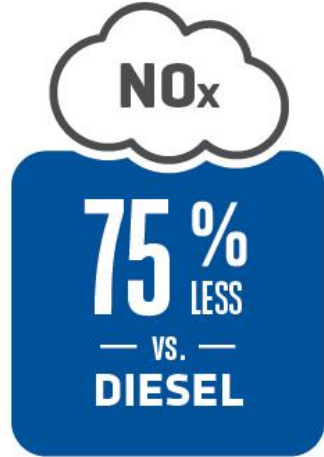
Light-Duty Trucks



*Assumed annual mileage: 11,400. Fuel economies based on 2016 AFLEET data.

EMISSIONS REDUCTION

Medium-Duty Trucks



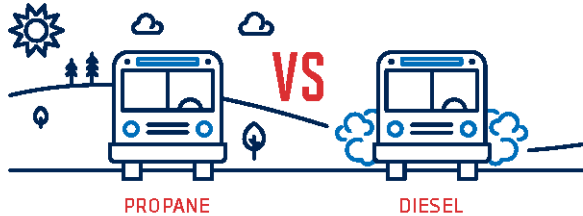
*Assumed annual mileage: 20,000. Fuel economy based on propane industry data.

EMISSIONS REDUCTION

96%

NO_x REDUCTION
VERSUS CLEAN DIESEL BUS

Duty cycle: Low speed, stop-and-go route



Source: 2018 West Virginia University study, comparing 2015 LPG Blue Bird school bus [6.8L, 10 Cylinder] with 2014 ultra-low sulfur diesel Blue Bird school bus [6.7L, 6 cylinder].

PROPANE.COM



NAVIGATE YOUR REFUELING OPTIONS

- Whether you have 10 fleet vehicles or 100, propane autogas has a refueling infrastructure option to fit your needs.
- Whichever setup you choose, you're sure to save money on total cost-of-ownership and keep your fleet efficient.

Call your infrastructure provider for more information about any of these options, and your local propane retailer for information regarding fuel.



RANK AMPARELLI

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AUTOGAS
PROANE
AMERICAN ENERGY

DEC 15
Massachusetts
S18-443
COMMERCIAL

WE STOP AT RR CROSSINGS

Marathon, New York

Marathon, New York






**PROPANE
AUTOGAS**
CLEAN AMERICAN ENERGY





CUSTOMER TESTIMONIAL

“Propane gives us the ability to buy a vehicle that performs almost exactly like all of our [conventionally fueled] technologies. It’s almost seamless for us.”

Bill Spraul

Chief Operating Officer

San Diego Metropolitan Transit System

Reduce Maintenance Costs

No ethanol issues.

Longer shelf life.

Reduced damage to equipment due to tainted fuel.

Remove opportunities for accidental fuel-mixing.

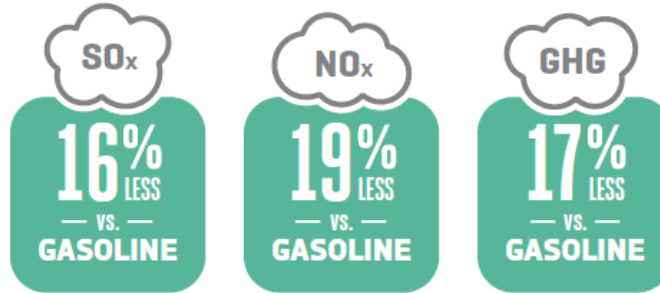


Be Green, Save Green

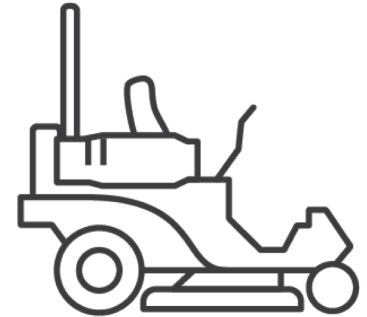
Reduced labor costs



Reduced emissions



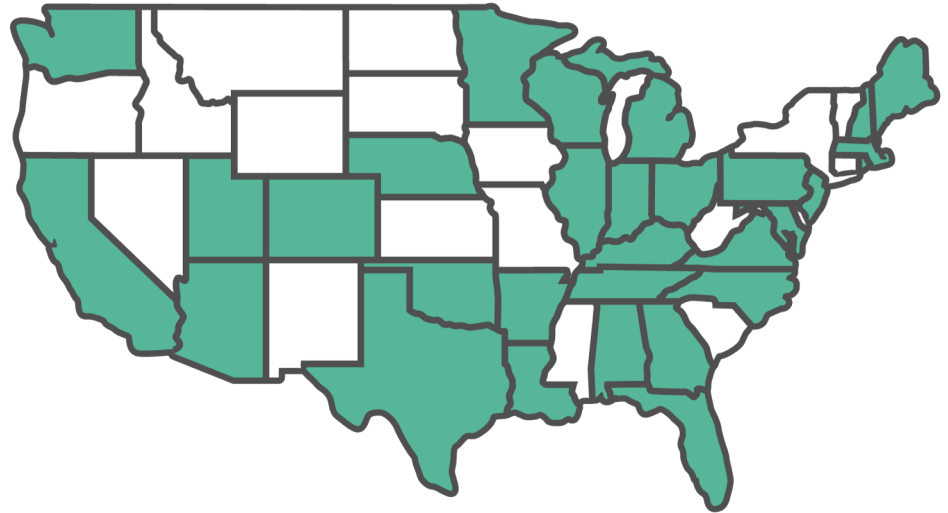
Reduced operating costs



Work When Other Contractors are Restricted

Ozone Action Days affect contractors' work in 35 states.

Propane equipment is exempt from Ozone Action Days.

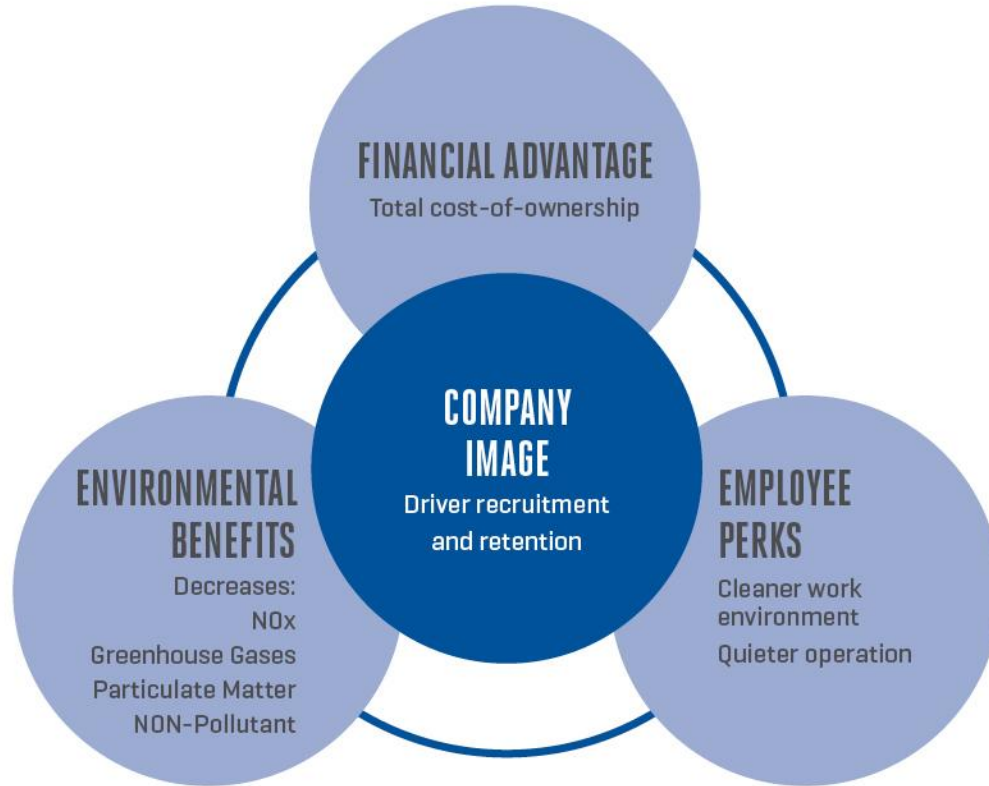


 = Ozone Action State

Who's Buying Propane?

- 40% of the contractors on Lawn & Landscape's Top 100 list current use propane in their mower fleets.
 - Companies range from \$15M to \$2B in annual revenue.
 - Regional and national footprints.
- Notable propane fleets on that Top 100 list.





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