



ROUSH
CLEANTECH

CASE STUDY:

North Penn School District, Lansdale, Pennsylvania

The Challenge

In 2019, North Penn School District began a massive overhaul of its aging, costly diesel school bus fleet. Charged with the goal of finding a fuel that would reduce fuel and maintenance costs, improve the district's environmental impact and provide a quieter, healthier ride for students and drivers, leadership determined that propane autogas was the best fit for the school district. Today, the district has transitioned 50% of its fleet to propane, enjoys a 75% savings on fuel and has received more than \$800,000 in supplemental funding.

Why Propane Autogas?

According to the district, it's:

- ✓ Safe.
- ✓ Energy efficient.
- ✓ Domestically produced.
- ✓ Budget-friendly.

“At \$2.66 less per gallon than our diesel buses, the fuel savings with our propane buses is second to none.” – Dennis Ryan, coordinator of transportation

By the Numbers



13,000
students
travel safely to
68 schools.



97 Blue Bird Vision
propane buses travel
9,000 miles
per year per bus.



76%
of routes
operate on
propane power.



Over \$800,000
in infrastructure
funding through
grants and credits.



75%
savings
on fuel.

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The Bigger Picture

North Penn School District joined more than 1,000 school districts across the U.S in switching to the most widely used alternative fuel for school buses: propane autogas. Not only has the district recognized significant fuel savings, it has drastically reduced maintenance service and costs due to propane's clean operation.

"Our old fleet consistently is being replaced by propane buses every year. Everything from fueling to serviceability makes propane the right choice for us," said Dennis Ryan, the district's coordinator of transportation.

Second-to-None Savings

 **Diesel rate:** \$3.58 per gallon.

 **Propane rate:** \$.92 per gallon.
(2022 fuel rates)

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FOR MORE INFORMATION
ROUSHcleantech.com 800.59.ROUSH

Did You Know?



More than 35%

of the nation's largest school districts operate propane buses powered by ROUSH Clean Tech's advanced clean fuel system.



1.3 million students travel to school in a propane bus each day.

Propane autogas engine technology is so advanced that **harmful emissions are near zero.**



Propane autogas offers the **lowest total cost of ownership** when compared to electric vehicles.



Alternative fuel **tax credits** have been extended through 2024. Propane has a \$0.37 per gallon tax credit.