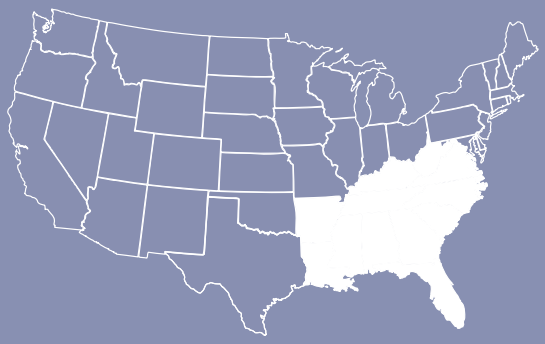
PROPANE AUTOGAS
CLEAN AMERICAN ENERGY

# PROPANE AUTOGAS BUSES DRIVING SCHOOLS FORWARD IN THE SOUTHEASTERN U.S.



*The popularity of propane autogas school buses is picking up speed around the country. That's because more school districts have discovered that propane autogas offers the lowest total cost-of-ownership available and significantly reduces harmful emissions around students.*

## LOWEST TOTAL COST-OF-OWNERSHIP

Transportation directors interested in long-term savings need to think beyond the pump. This is where propane autogas edges out diesel — by avoiding the typical "hidden costs" over a bus's lifetime.

**FUEL:** Propane autogas consistently costs less than diesel, even as fuel prices fluctuate.

**FLUIDS:** Diesel buses need more oil by volume compared with propane autogas buses, increasing preventative maintenance costs. Diesel buses also require fuel conditioners to prevent clogging of fuel filters and lines.

**FILTERS:** Diesel particulate filters are an added expense with diesel buses. The filters must be cleaned periodically to meet emissions requirements, causing extra downtime and maintenance costs.


The likelihood of downtime for repairs is even greater considering the complexity after-treatment systems add to a diesel engine.

## NOTICEABLY QUIETER OPERATION

As every bus driver knows, a noisy bus full of students can make concentrating on the road challenging. Compared with diesel buses, propane autogas buses operate noticeably quieter, allowing drivers to pay better attention to students and the road ahead.

## CLEANER FOR STUDENTS AND COMMUNITIES

With propane autogas buses, students aren't exposed to harmful emissions — like $NO_x$ emissions — associated with diesel buses, which can aggravate asthma and other breathing related issues. Beyond the tailpipe, propane autogas empowers schools to reduce emissions during refueling with quick-connect nozzles, which release fewer emissions per connection.


*"The use of propane buses has benefitted our district greatly by decreasing our dependency on diesel fuel, reducing our emissions."*

**Dr. Walt Griffin**
*Superintendent,*
*Seminole County Public Schools*

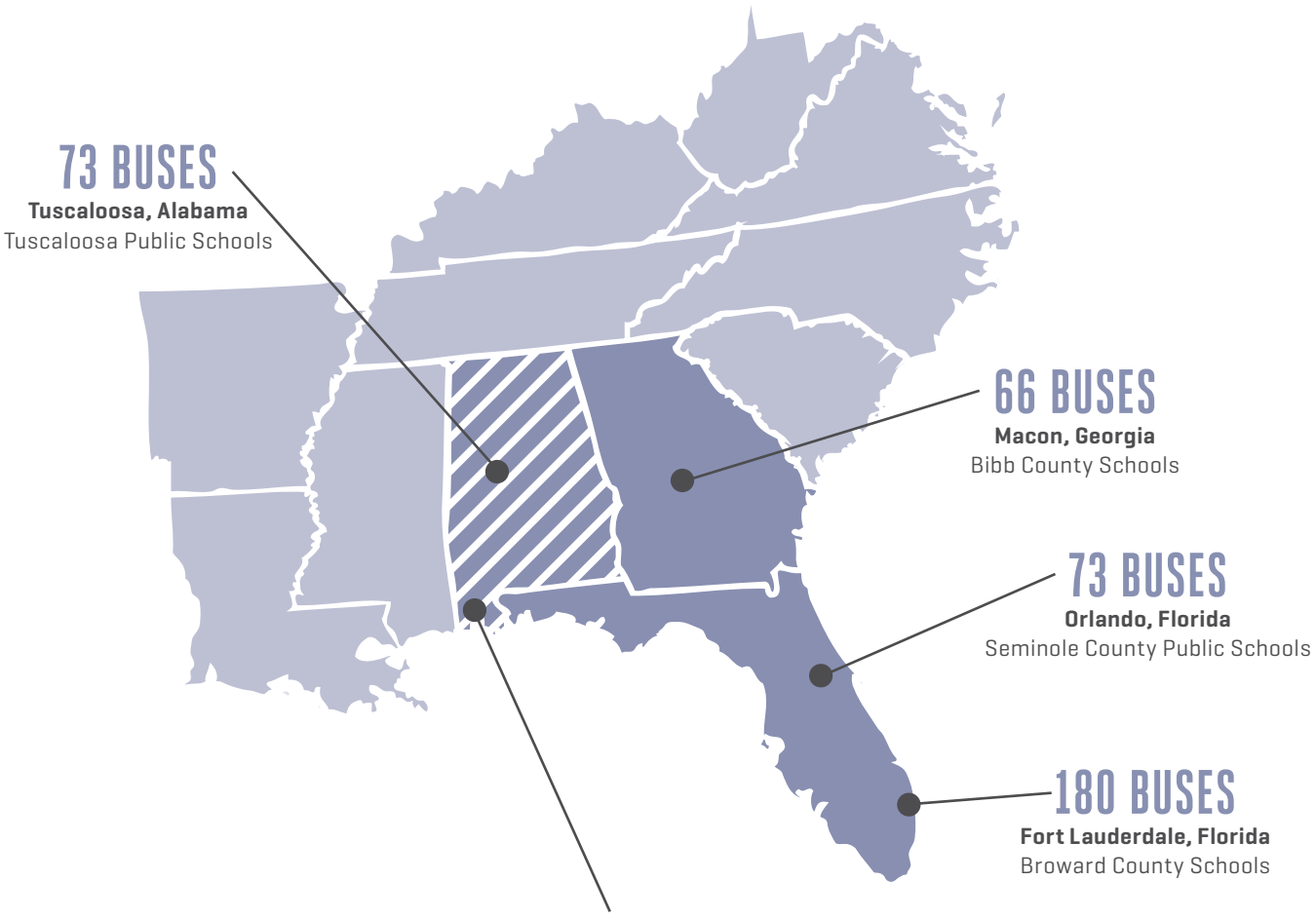
| THE SWITCH | REDUCED $NO_x$ EMISSIONS |
|---|---|
| Replace all older than model year-2007 diesel buses with new propane autogas buses. | More than 96 percent[1] |
| Purchase a modern propane autogas bus instead of a modern, ultra-low sulfur diesel bus of the same vehicle make. | Up to 96 percent[2] |

1. Source: AFLEET model using Polk Registration data by state for diesel buses — June 2017. By removing 235,989 of pre-2007 diesel fueled buses from the road across the country and replacing them with new propane autogas school buses, $NO_x$ emissions would be reduced by 96 percent.
2. West Virginia University real-world testing data for 2015 Blue Bird 6.8L propane model compared with 2014 Blue Bird 6.7L diesel model.

## PROPANE AUTOGAS BUSES BY THE NUMBERS IN THE SOUTHEASTERN UNITED STATES

These are just some of the districts in this region using propane autogas buses. To see how many propane autogas buses are operating in each state, go to **propaneschoolbuses.com**.

# (1,806 BUSES TOTAL)




## 105 PROPANE AUTOGAS BUSES

TRANSPORTING **60,000** STUDENTS DAILY

**SCHOOL SPOTLIGHT:**
**MOBILE, ALABAMA**
Mobile Public Schools

To build up its fleet's dependability, this district made the choice to adopt propane autogas buses in 2014. Since then, MPS has increased its efficiency, and its drivers love operating the propane buses.

### FOR MORE INFORMATION

To learn more about the rise in popularity of propane autogas buses, and to learn more about what propane autogas could bring to your district, visit **propaneschoolbuses.com**.

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*The Propane Education & Research Council was authorized by the U.S. Congress with the passage of Public Law 104-284, the Propane Education and Research Act (PERA), signed into law on October 11, 1996. The mission of the Propane Education & Research Council is to promote the safe, efficient use of odorized propane gas as a preferred energy source.*

**PROPANE** EDUCATION & RESEARCH COUNCIL