



# NOx EMISSIONS – PROPANE AUTOGAS VS. DIESEL

**MORE THAN** 

92%

REDUCTION

WHEN REPLACING PRE-2007 DIESEL BUSES WITH NEW PROPANE BUSES. **MORE THAN** 

11%

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* REDUCTION

WHEN PURCHASING A NEW PROPANE BUS INSTEAD OF A NEW DIESEL BUS.

B1%

REDUCTION

WHEN PURCHASING A NEW, BEST-IN-CLASS FOR NO<sub>X</sub> EMISSIONS PROPANE BUS INSTEAD OF A NEW DIESEL BUS.

# PROPANE AUTOGAS EMISSIONS PROFILE

# LIGHT-DUTY VEHICLES

#### ----GHG EMISSIONS

SIMILAR TO DIESEL,

14% BETTER THAN GASOLINE

### NO<sub>x</sub> EMISSIONS

**57%** BETTER THAN DIESEL, **6%** BETTER THAN GASOLINE

# MEDIUM-DUTY VEHICLES

### GHG EMISSIONS

7% BETTER THAN DIESEL, 27% BETTER THAN GASOLINE

# ··· NO<sub>x</sub> EMISSIONS ······

18% BETTER THAN DIESEL, 31% BETTER THAN GASOLINE

# LESS NOISE



# INVESTMENT





# DEVELOPING TECHNOLOGIES



# DIRECT INJECTION





# Propane Autogas

Medium-duty Options





### **Enterprise Brand Portfolio**



#### **ROUSH Industries**

OEM manufacturing, engineering, prototyping and design



#### **Roush Fenway Racing**

NASCAR racing team(s)



#### **ROUSH Performance**

Industry leading high performance vehicles



#### **ROUSH CleanTech**

Propane autogas powered commercial vehicles.



### **Propane Autogas Product Lineup**

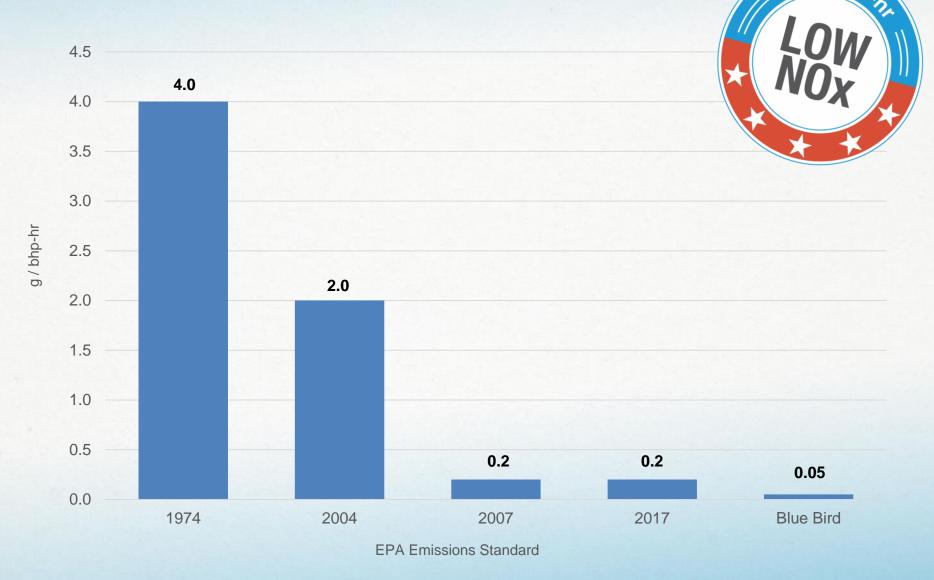


- Medium duty Ford trucks, chassis cabs, cutaways, and stripped chassis; and Blue Bird Type A and C school bus.
- Factory Ford warranty maintained.
- No loss of HP / torque / towing capacity.
- Serviceable with existing diagnostic equipment.
- EPA & CARB Certified.



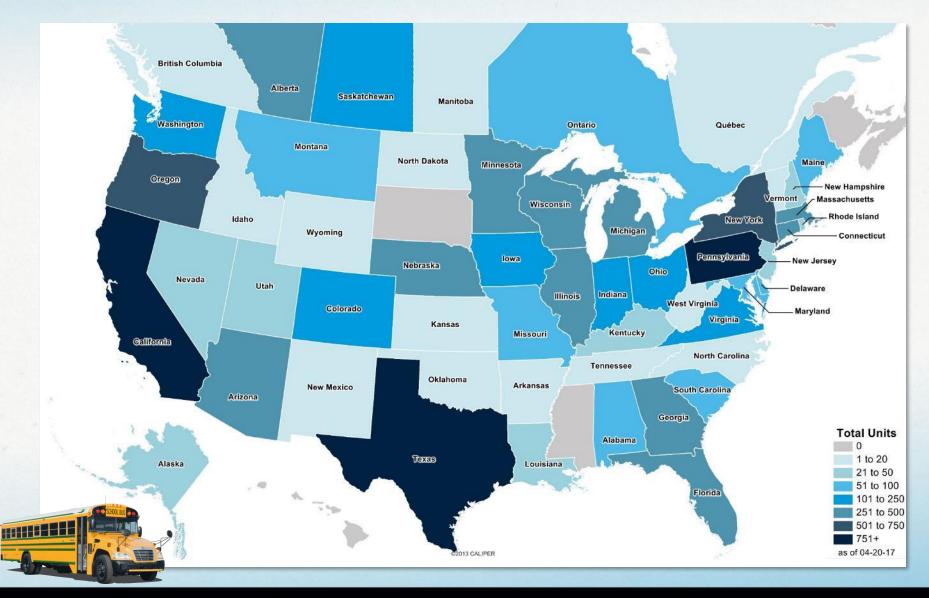


### **Low NOx Certified**



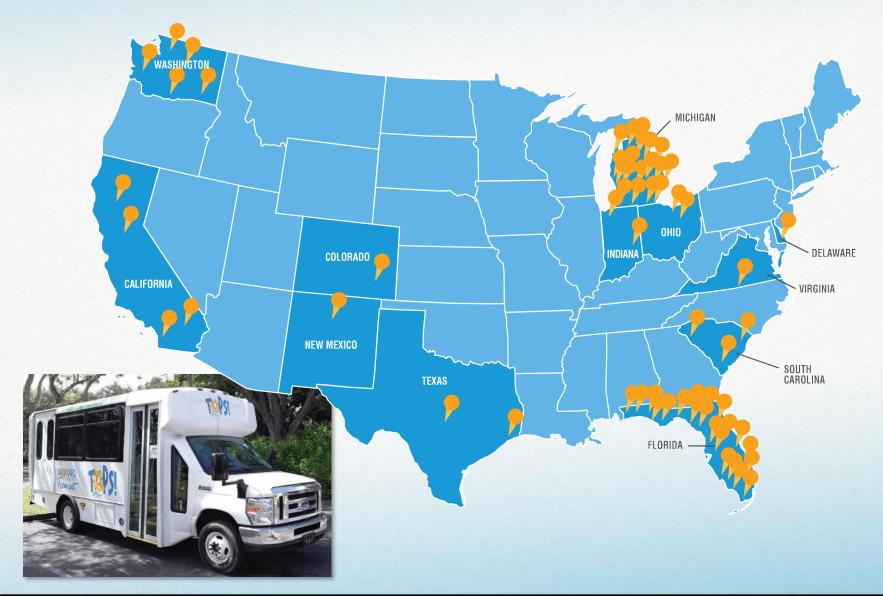


### **Propane School Bus Deployments**





### **Paratransit Buses**





## **Food & Beverage Delivery Trucks**







# THANK YOU

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