



# PROPANE BUS FLEET

## C A S E S T U D Y

### ARLINGTON ISD

CONTACT: Jimmy Womack  
TITLE: Director of Transportation  
DEPARTMENT: Transportation  
ADDRESS: 1124 W. Arkansas Lane  
Arlington, TX 76013  
PHONE: 682-867-7855  
EMAIL: [jwomack@aisd.net](mailto:jwomack@aisd.net)

### BACKGROUND FACTS

100 sq. miles, 63,000 students  
Transports over 11,000 student passengers annually  
Annual school-bus mileage – 3,300,000 miles  
Current annual usage of propane – 210,000 gallons

### FLEET FACTS

Total School Buses: 223 <ul style="list-style-type: none"><li>o 24 propane</li><li>o 199 diesel</li><li>o 0 gasoline</li></ul>	Total Other Vehicles <ul style="list-style-type: none"><li>o 0 propane</li><li>o 0 diesel</li><li>o 200 gasoline</li></ul>
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Refueling facilities: 1  
Gallons on-site propane storage: 12,000  
Years using propane: 9 months

### PROPANE COST SAVINGS

We pay \$1.63 per gallon for propane and pay double per gallon for diesel. With the federal 50-cent per gallon propane motor fuel credit, the cost drops to \$1.13 per gallon. The new buses average 5 mpg, compared to the diesel buses at 10 mpg.

### ADDITIONAL COMMENTS/QUOTES

Arlington ISD has added 24 propane buses to their fleet in the past 9 months. They plan to have 73 in the next 3 years and a total of 125 in 5 years. Jimmy Womack says “In addition to the savings in our fuel costs and maintenance, we are getting very positive feedback from the community on how excited they are that Arlington ISD is going green and looking after the environment and the school kids.” He has also gotten comments about how quietly the buses run.

The drivers love driving the new buses, and they refuel their buses. Arlington ISD provides on-site refueling training. The drivers say the only big difference with refueling propane buses is you have to wear gloves and safety glasses.