



# PROPANE BUS FLEET CASE STUDY

## ARLINGTON ISD

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## BACKGROUND FACTS

100 sq. miles, 63,000 students  
Transports over 11,000 student passengers annually  
Annual school-bus mileage – 3,300,000  
Current annual usage of propane – 250,000 gallons

## FLEET FACTS

Total School Buses: 223 <ul style="list-style-type: none"> <li>o 72 propane</li> <li>o 151 diesel</li> </ul>	Total Other Vehicles <ul style="list-style-type: none"> <li>o 117 diesel</li> <li>o 120 gasoline</li> </ul>
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Refueling facilities: 1  
Gallons on-site propane storage: 12,000  
Years using propane: 2

## PROPANE COST SAVINGS

We pay \$1.06 per gallon for propane and pay \$3.16 per gallon for diesel. With the federal 50-cent per gallon propane motor fuel credit, the cost drops to \$0.56 per gallon. The new buses average 4 mpg, compared to the diesel buses at 7 mpg.

## ADDITIONAL COMMENTS/QUOTES

Arlington ISD has added 72 propane buses to their fleet in the past 24 months. We will have a total of 120 propane buses by year 2015. 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. I have also gotten comments about how quietly the buses run. The district has been able to take advantage of several grant opportunities to offset the costs of the propane buses. Arlington ISD provides onsite refueling training. The drivers say the only big difference with refueling propane buses is you have to wear gloves and safety glasses.

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