

# PROPANE VEHICLE

## CASE STUDY

### CAPITAL AREA RURAL TRANSPORTATION SYSTEM (CARTS)

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### BACKGROUND FACTS

Second-largest rural transit fleet in State of Texas  
Service area size: 7,500 sq. miles  
Transports 350,000 passengers annually  
Annual transit bus mileage - 2.1 million miles  
Current annual usage of propane - about 180,157 gallons

### FLEET FACTS

Total transit buses: 140 (buses, cars, etc)

- 34 propane
- 57 diesel
- 61 other

Total other vehicles (staff, maintenance, etc.)

- 2 diesel
- 10 gasoline

Propane refueling facilities: 7  
Gallons on-site propane storage: Each site has a tank sized to that site's need.  
Individual site tank size is around 1,200 gallons. Tanks are refilled 1 to 2 times a week.  
Years using propane: 16

### PROPANE COST SAVINGS

Annual savings to district through use of propane: \$150,000

### ADDITIONAL COMMENTS/QUOTES

"We use propane to promote cleaner air for our region and have enjoyed substantial cost savings with the dramatic increases in diesel fuel. The ability to have fuel on-site without a large investment in infrastructure has also been a plus to CARTS. Customers and policy makers appreciate our investments in clean-air technologies, and we plan to continue efforts to this end." --Dave Marsh

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