



PROPANE BUS FLEET CASE STUDY

WILLIAMSON COUNTY

Williamson County Courthouse
710 Main Street
Georgetown, Texas 78626
Phone: 512-943-1100; Fax: 903-881-4004
County Judge: Dan Gattis ctyjudge@wilco.org
Fleet Manager: Randy Rodgers rrodgers@wilco.org
Executive Assistant, Precinct 2: Kathy Pierce Kpierce@wilco.org

BACKGROUND FACTS

1,135 square miles; 422,679 population
County fleet annual miles: 7,500,000
Current annual usage of propane: 34,939 gallons
Average price of propane paid: \$1.82/gallon

FLEET FACTS

- | | |
|--|---|
| <p>Total Vehicles in Fleet: 652</p> <ul style="list-style-type: none"> • 445 gasoline • 103 diesel • 104 off-road construction equipment | <ul style="list-style-type: none"> • 8 dedicated Roush CleanTech propane pickups • 2 Bobcat ATV utility trucks • 1 forklift truck • 22 bifuel propane conversions |
|--|---|

Number of propane refueling facilities: 6 operational
Gallons on-site propane storage tank: 2,000 gallons per site
Years using propane: 3 years

PROPANE COST SAVINGS

Propane cost: \$1.82 per gallon*
Gasoline cost: \$3.30 per gallon*
Annual savings to county through use of propane: projected \$69,179.22 per year, including savings on maintenance and the \$0.50 per gallon federal motor fuel tax credit.
* average as of 10/01/12

ADDITIONAL COMMENTS/QUOTES

How will propane benefit Williamson County?
Reduces dependence on foreign oil
Reduces emissions; helps county continue to meet national air-quality standards

- Compared to gasoline, 12 percent lower carbon dioxide emissions,
- 20 percent lower nitrous oxide emissions,
- Up to 60 percent lower carbon monoxide emissions.

Reduces fuel and maintenance costs; saves taxpayers money.

Revised 6/2013



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