

CASE STUDY: CITY OF LAKE JACKSON



City of Lake Jackson
25 Oak Drive
Lake Jackson, Texas 77566

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BACKGROUND FACTS

Annual miles driven: 250,000
Current annual usage of natural gas: 74,000 gasoline gallons equivalent (GGE)
Year natural gas introduced in fleet: 2001

FLEET FACTS

Total vehicles: 38 CNG 63 gasoline 61 diesel	Total by vehicle type: 37 Sedans 59 Light-duty trucks 40 Heavy-duty trucks 26 Tractor/construction equipment
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Refueling facilities on-site: Yes
Type: Gasoline, diesel and CNG
Time to fill: Fast fill and time fill
Years using natural gas: 13 years

NATURAL GAS COST SAVINGS

Natural gas cost: \$0.77 per GGE, includes the energy cost of compression, natural gas purchased from the pipeline. It does not include the capital cost or repairs of the station infrastructure.
Gasoline cost: \$2.8732 per gallon

ADDITIONAL COMMENTS/QUOTES

Additional Comments: Our goal is to expand our facility by adding a public access CNG station to introduce and encourage the use of natural gas vehicles in our community. Fuel savings for 2013 was \$212,150.00

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