

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

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, and the \$0.50/GGE credit from the IRS. 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.

Last updated 03/28/2014



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