

COMPRESSED NATURAL GAS (CNG) - FUEL STATIONS IN LOUISIANA

by

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Louisiana produces about 30% of the nation's clean burning and abundant natural gas. Compressed Natural Gas (CNG) is a fossil fuel, but it is domestically produced so CNG prices have risen more slowly than oil prices. A rough comparison in gasoline gallon equivalents at the time this article was written shows CNG at about \$2 and traditional gasoline at about \$4.

CNG is considered an alternative fuel under the Energy Policy Act of 1992. The horsepower, acceleration, and cruise speed of natural gas vehicles (NGVs) are comparable with those of conventional vehicles. Burning CNG instead of gasoline reduces carbon monoxide emissions, carbon dioxide emissions, nitrogen oxide emissions, and emits little particulate matter.

Light-duty vehicles typically operate in dedicated or bi-fuel modes. On the vehicle, CNG is stored in tanks. The driving range of natural gas vehicles is generally less than that of conventional gasoline vehicles because of the lower energy density of natural gas. The United States has an extensive natural distribution system, however, natural gas fueling stations are limited.

On the U. S. Department of Energy - Energy Efficiency and Renewable Energy, Alternative Fuels Data Center (<http://www.afdc.energy.gov>) there is an alternative fueling station locator. The locator (<http://www.afdc.energy.gov/locator/stations/>) can be used to find CNG fueling stations near an address or ZIP code, or along a route in the United States. Below is a list of the stations in Louisiana and a picture from the locator.

Cities with Compressed Natural Gas (CNG) Stations in Louisiana from the U. S. Department of Energy – Energy Efficiency and Renewable Energy *Alternative Fuels Data Center*:

1. Alexandria – Chevron (6016 Old Boyce Highway)
2. Baton Rouge – Lavigne Oil Co. (8968 South Choctaw Drive)
3. Baton Rouge - Lavigne Oil Co. (4837 Florida Boulevard)
4. Bossier – City of Bossier (4520 Barksdale Boulevard)
5. Bossier City – Bossier City Refueling Station (2580 East Texas Street)
6. Coushatta – Red River-Encana (1392 Highway 84 East)
7. Frierson – Relay Station Red River Oil & Gas (6797 Highway 175)
8. Houma – Gaubert's Texaco (551 South Van Avenue)
9. Kenner – Clean Energy – New Orleans International Airport (1017 Airline Drive)
10. Lafayette – Apache (515 East Verot School Road)

11. Lafayette – Lafayette (1515 East University Avenue)
12. Mansfield – Chevron (796 Washington Avenue)
13. Natchitoches – Shop A Lot (201 Highway 3175)
14. Shreveport – Time-it-Lube (6828 Pines Road)
15. Shreveport – Shreveport – 1731 Kings Street at Linwood)
16. Shreveport – Freedom Fuel – (501 West 70th Street)

Alternative Fueling Station Locator – CNG Stations Louisiana



Source: DOE Alternative Fuels Data Center (<http://www.afdc.energy.gov>)