

Thinking about converting your fleet?

Get the facts.



ABOUT CNG

Compressed Natural Gas

CNG vehicles have been on the road since the 1930s and the technology has been proven overtime. CNG is natural gas that has been compressed to 3,600 psi and is measured and sold at the pump in gasoline gallon equivalents, or GGE (the amount of alternative fuel it takes to equal the energy content of one liquid gallon of gasoline).

Why fuel with CNG?

Low Cost: CNG is about 30% less per gallon than gasoline or diesel

Clean air: CNG vehicle emissions are up to 30% lower when compared to gasoline and diesel-powered vehicles.

Safe delivery and storage: Natural gas is nontoxic, lighter than air and dissipates rapidly when released. Unlike diesel and gasoline, there is no hazardous material cleanup in the event of a spill or accident.

How many miles do you travel?

The more you travel, the more you save. Fleets that benefit most are those who:

- Travel a high number of miles
- Use planned routes and/or return to a central location at the end of the day

What's the payback period?

For many fleets, fuel savings offset the additional vehicle cost in 1½ to 3 years. The price at the pump for CNG is significantly lower than diesel or gasoline. Determining a return on investment requires fleet managers to consider: fuel cost, vehicle cost, insurance rates, maintenance costs and payload changes based on additional weight from fuel tanks.

Some natural gas vehicle owners report service lives two to three years longer than gasoline or diesel vehicles.

For help calculating payback, visit www.cngnow.com

Where do you fill up?

MLGW has two public filling stations in the Memphis area. Natural gas vehicles that use CNG can now refuel at :

South CNG Fueling Center
3071 South Center
Located off Brooks Rd. at Hwy. 61

North CNG Fueling Station
1130 Tupelo St.
Adjacent to the MLGW North Center



Natural Gas Vehicles (NGV) run quieter than diesel-powered vehicles and perform just like petroleum-fueled vehicles. NGV's have lower exhaust emissions and CNG vehicle emissions are up to 30% lower when compared to gasoline and diesel-powered vehicles.

Driving a CNG vehicle feels no different than a gasoline vehicle and performance is comparable in terms of horsepower, torque, towing capability and acceleration.

Pickup trucks, vans or cars

CNG light duty vehicles are available from original equipment manufacturers like General Motors, Dodge, Ford and Honda. Each offers bi-fuel, heavy-duty pickup trucks. Bi-fuel vehicles have both CNG and gasoline fuel tanks, which extend driving distance. These vehicles run on CNG and automatically switch to gasoline when the CNG tank is empty. The CNG version of the Dodge Ram 2500, for example, travels about 745 miles when both tanks are full.

Dedicated vehicles, like the Chevrolet Express Cargo van, run on CNG only. This vehicle has a 15.8 gasoline gallon equivalent tank with a driving range of about 200 miles. .

YOUR FLEET

Medium/heavy-duty trucks

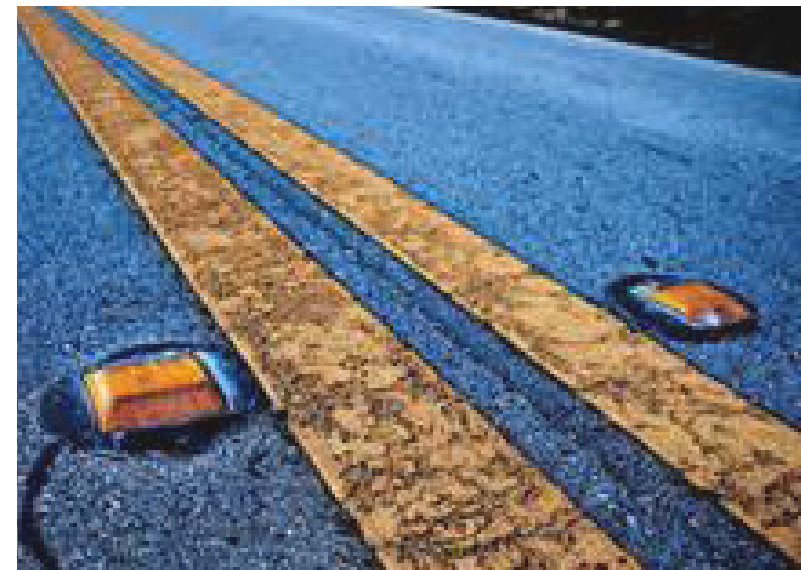
Medium and heavy-duty CNG vehicles are available from Kenworth, Freightliner, Peterbilt, Navistar-International, Mack, Volvo, Isuzu and others. Engine manufacturers build dedicated CNG engines for a variety of commercial vehicle applications. Compared to diesel engines, CNG vehicles are 50% quieter and there is no visible exhaust or odor, benefiting drivers and the community.

In addition, CNG trucks meet EPA requirements without complex after-treatments. CNG vehicles also are covered under one warranty from the original equipment manufacturer. Remember, you can't travel as far on a tank of CNG as you can on a tank of diesel. The range for a 60 diesel gallon equivalent CNG tank is about 270 miles at 4.5 mpg. You can expect approximately 300 miles on a 60-gallon diesel tank at 5 mpg.

Fuel Conversion Kits

Fuel conversion "kits" also are available for a variety of vehicles. However, make sure the kit installer is qualified and the kit is EPA (Environmental Protection Agency) certified. You may have two separate warranties: one from the vehicle manufacturer and a second from the kit manufacturer.

For a list of certified conversion systems, visit www.epa.gov.



MLGW ENERGY RESOURCES 220 S. Main Street Memphis, TN 38103 901.528.4143 www.mlgw.com/ngv

