

Natural Gas Vehicles

Driving Businesses Across Georgia



Key Benefits of Compressed Natural Gas (CNG) Vehicles

- ▶ **Proven and Reliable** — More than 11 million CNG vehicles are in use worldwide, with about 110,000 in the U.S.
- ▶ **Economical** — CNG fleet vehicles realize an overall cost savings of as much as 50% over diesel fuel, particularly after factoring in available alternative tax credits
- ▶ **Domestic Fuel** — Gas supplies are abundant domestically, reducing our dependence on foreign oil and weather-related shortages
- ▶ **Eco-Conscious** — CNG vehicles are much cleaner than traditional vehicles, producing up to 90% lower emissions than gasoline or diesel
- ▶ **Quieter** — Heavy-duty NGVs have an 80-90% lower decibel level than comparable diesel vehicles
- ▶ **HOV Lane Eligible** — CNG vehicles qualify for high occupancy vehicle (HOV) lane access, where applicable



Atlanta Gas Light can construct and maintain NGV fueling stations for fleet customers. We own several NGV fueling stations on customer premises for fleet vehicles (transit buses, city/county maintenance vehicles, forklifts, etc.) and provide maintenance services to many more customers who own their own stations. AGL has a department of fulltime technicians, 24-hour emergency dispatch and more. Please contact us for more information and we can help you assess the feasibility of converting your vehicles and installing refueling stations.

NGV Fueling

At CNG stations, the gas is typically taken from the local gas utility's line at low pressure, compressed, then dispensed into the vehicle's storage tanks at high pressure. There are two basic types of fueling equipment: fast- and time-fill.



Fast-fill systems combine a compressor and a high-pressure storage system. The storage system enables filling the vehicle's fuel tank in about the same time it takes to fuel a regular vehicle.



Time-fill systems do not have a storage system and typically refuel vehicles overnight.

Public CNG stations are currently limited but are starting to become more available. Customers may also choose to install their own CNG fueling stations, such as the FuelMaker VRA.

Can My Existing Fleet be Converted to CNG?

Absolutely. Several vehicle manufacturers offer NGVs directly from the factory, and EPA-approved conversion systems are available for many different vehicle makes and models suitable for your fleet.

Please go to http://www.ngvamerica.org/pdfs/Available_Vehicles_and_Engines.pdf for a list of available vehicles.

For more information please contact:

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