



Safe, Clean, Economical, Domestic



TRANSECO ENERGY CORPORATION



www.altecheco.com



NGV's

Are You Driving Clean?

Altech-Eco Corporation

Owns and operates a 27,000 sq ft technology facility located near Asheville in Arden, NC. This facility serves two specific functions.

Altech-Eco Corporation

Serves as a conversion up-fit facility providing our clients with a modern well equipped location where existing fleet conversions can be performed by our experienced staff.

Altech-Eco Corporation

Also functions as a research and development facility for the creation of EPA certified CNG conversion systems for sale in the aftermarket

CNG as a Fuel Choice

Natural Gas - in the form of Compressed Natural Gas (CNG) - is among the cleanest and most affordable transportation fuels available today.

Compressed Natural Gas (CNG) as a Fuel Choice

For the purposes of fueling a vehicle CNG is measured in what is called a gasoline gallon equivalent (GGE). A gasoline gallon equivalent of CNG has the same energy content as a gallon of gasoline. Therefore 1 gallon of gasoline is equivalent to 1 GGE of natural gas.

CNG as a Fuel Choice

NGVAmerica states there are more than 7 million Natural Gas Vehicles (NGVs) in use worldwide, yet only 150,000 of those are in the US. In addition, federal and state emissions laws are becoming more stringent and many requirements will be unattainable for today's gasoline and diesel vehicles.

The Benefits of CNG

It's cheaper.

According to Clean Energy Fuels, over the last decade and a half, natural gas on an energy-equivalent basis has been 25%-40% cheaper than crude oil.

The Benefits of CNG

Domestically Abundant.

According to [The Pickens Plan](#), natural gas is our country's second largest energy resource and a vital component of our energy supply. 98% of the natural gas used in the US is from North America, but 70% of our oil is purchased from foreign nations.

The Benefits of CNG

Reduces GHGs.

According to the California Energy Commission, critical greenhouse gas (GHG) emissions from natural gas are 23% lower than diesel and 30% lower than gasoline. Further, only natural gas vehicles can meet the EPA's stringent 2010 heavy-duty standards for nitrogen oxides and soot today.

The Honda Civic GX

Currently the only natural gas vehicle available by an OEM vehicle manufacturer is the Honda Civic GX. This vehicle has been voted the cleanest internal combustion engine for the last 10 years in a row.



The CNG conversion aftermarket

The EPA considers an aftermarket conversion facility a manufacturer and we are bound to the same legal emissions testing requirements as the American automakers. Therefore, EPA certification is required for a conversion to be legal. A conversion of a vehicle to CNG without an EPA certificate of conformity is a violation of memorandum 1A in the Clean Air Act and is considered “tampering with a federally approved emissions control system”

EPA certified 2008/2009 model Ford Focus Natural Gas Vehicle

Price competitively at a base model starting price of \$24,999



Carbon Footprint Reduction

- Our converted dedicated Ford Focus meets Tier 2 Bin 2 emissions, the cleanest possible emissions rating for an internal combustion engine. Our emissions numbers are even cleaner than the Honda Civic GX, which is also classified in the Tier 2 Bin 2 emissions category.

EPA certified 2008/2009 model Ford Focus natural gas vehicle

- MPG 28 City 39 Hwy on CNG (24 city 35 hwy on gasoline)
- Original Ford Factory Warranty remains valid
- 80,000 mile or 8 year Warranty
- 2008 and 2009 models available
- Financing through Ford Motor Credit at participating Ford dealerships
- Available as Dedicated or Bi-Fuel NGV
- CNG driving range of up to 350 miles
- 9.1 Gas Gallon Equivalent tank for CNG
- 8 cubic feet of remaining trunk space
- The bi-fuel vehicle can change between gasoline and natural gas with the simple push of a button. Our LED switch allows easy change between fuel sources while driving, and acts as a CNG fuel gage while using CNG or while using gasoline.
- In-line coalescent filter assuring miles of trouble free operation. The natural gas is filtered down to 10 microns assuring only the cleanest possible gas enters the fuel system.

Available August 2009:

- 2009-10 Ford Fusion (2009 available now)
- 2009-10 Ford F-150
- 2009-10 Ford F-250/350
- 2010 Transit Connect



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