



#### Natural Gas Vehicle Energy Solutions

Implementing a strategic plan to reduce operating costs and relieve our dependence on foreign energy sources while reducing harmful emissions!



## Why Natural Gas? It's the 3 E's

ENERGY INDEPENDENCE, ECONOMICS & THE ENVIRONMENT!

- Natural Gas is domestic and renewable relieving our dependence on foreign crude oil
- Natural Gas is cost effective, generally about \$1.50 per gallon cheaper than gasoline or diesel fuel
- Natural Gas is Safe!!! Natural gas is lighter than air so it dissipates and has a narrow ignition range
- Natural gas is efficient, fuel mileage <u>should</u> increase at least 20%
- Natural Gas is among the best solutions for <u>clean</u> <u>air and clean water</u>



## Dispelling the primary Myths

- Natural Gas infrastructure does not have to be prohibitively expensive.
- Natural Gas can be available anywhere!
- Natural gas vehicles are less efficient and hard to maintain.
- Natural gas infrastructure is unreliable.



## Various Station Models

Small scale stations for small fleets.
Medium scale stations for medium fleets.
Large scale stations for larger fleets.
All stations are expandable.

• All stations have redundancy and emergency preparedness.



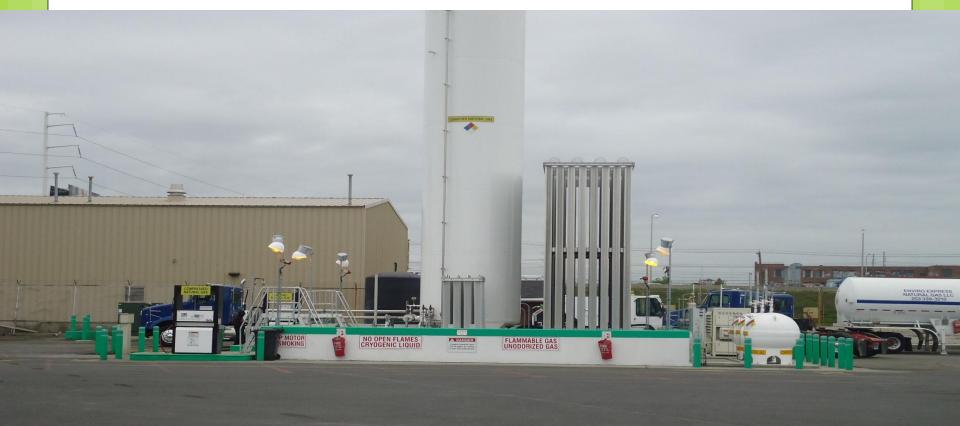
# **Typical 'Low Volume' Compressor Station** Dispenser Compressor 21







## LCNG for Combination or High Volume





## Why LNG ?

- LNG allows liquefaction from pipeline or other stranded sources for transport to locations without pipeline access.
- LNG can substitute or supplement compressors reducing downtime.
- LNG is mandatory for all 15 liter and larger engines for over the road and off road use.



#### Time Fill can reduce labor costs





## Process?

#### Fleet Evaluation –

We examine your fleet needs, age of fleet, miles driven & fuel consumed...

#### Vehicles –

We help you identify priority vehicles for conversion or replacement with natural gas.

#### Infrastructure –

We look for opportunities to build fuel infrastructure to support your normal operations.

#### Support -

We provide education and training to employees and public officials.



### THANK YOU!!!

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