



Clean Energy[®]

North America's leader in clean transportation

Natural Gas Overview Featuring Heavy-Duty Fleets

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Welcome and Congratulations



Carolina Triangle J

\$12,975,388 for 724,000 gallons annual petroleum displacement

The Triangle J Council of Governments' Carolinas Blue Skies & Green Jobs Initiative includes CNG, propane, biodiesel, E85-ethanol and electric drive vehicles. It includes 45 E85 and B20 stations, eight propane stations, and 132 electric vehicle recharging sites. New vehicles to be deployed include 55 CNG vehicles, 363 propane vehicles, 89 hybrid electric and 56 neighborhood electric vehicles.

*Clean Cities Triangle J, Kathy Boyer, 919-558-9400;
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- **Largest provider of vehicular natural gas (CNG & LNG) in North America**
 - 75 million gallons sold during 2008
- **Full service**
 - Design, Build & Operate Stations
 - Fuel and Fleet Marketing
 - Vehicle Grants (Awarded over \$149 Million)
 - Financing
- **Operating Territory**
 - 176 stations
 - 15 U.S. States
 - 20 Airports
- **Publicly-traded as CLNE on NASDAQ**
 - Fuel 14,000+ customer vehicles daily
 - Headquartered in Seal Beach, CA





Largest Alternative Transportation Fuel Provider

250+
Fleet
Customers

14,000+
Natural Gas
Vehicles

170+
Natural Gas
Fueling Stations

Compressed Natural Gas (CNG)



Taxis



Government
Vehicles



Airport
Transit

Liquefied Natural Gas (LNG)



Regional
Trucking



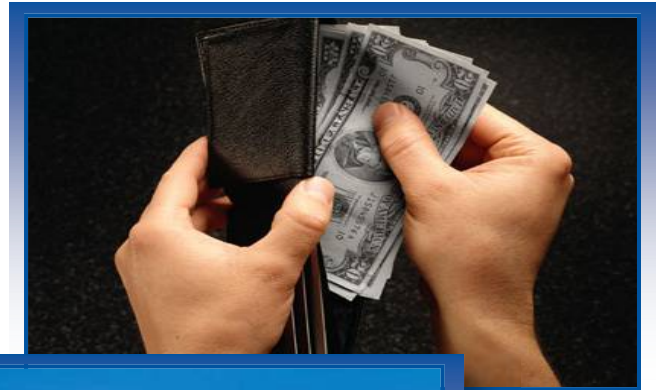
Public
Transit



Refuse
Hauling

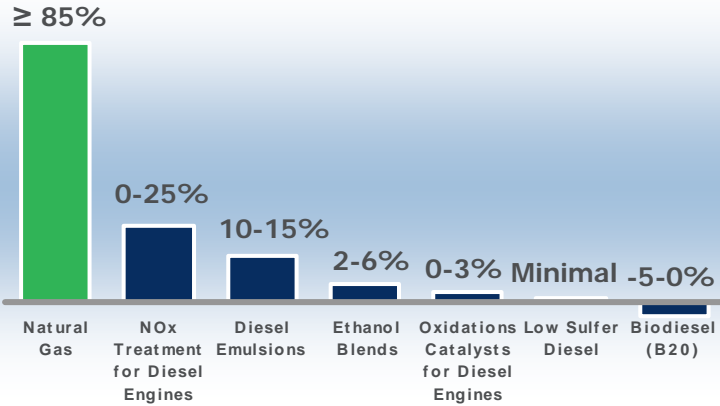
Why Natural Gas for Transportation?

- **Cheaper**
 - Costs \$1.00 less per gallon less than gasoline & diesel
- **Cleaner**
 - Cleanest burning fuel available
 - Reduces GHG emissions by up to 30% and NOx emissions by 85%
- **Domestic & Abundant**
 - 97% domestically produced
 - Gallon per gallon displacement of foreign oil
 - 120 year supply

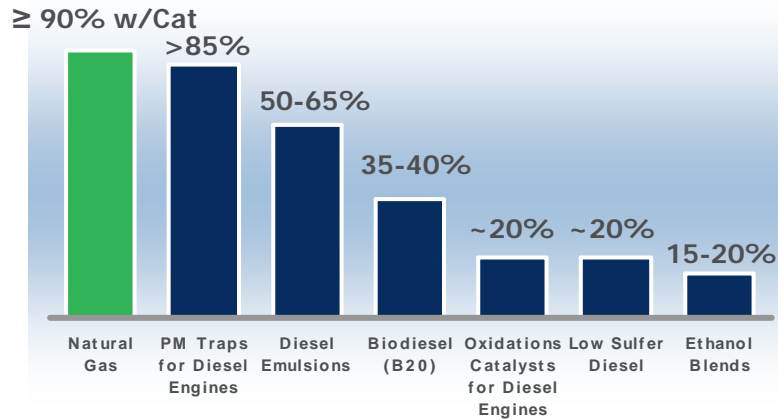


Natural Gas is Cleaner

NOx Reductions: Less Smog



PM Reduction: Less Soot



Green House Gas Reduction

NGV "Well to Wheels" GHG Reductions:

- 30% for Passenger Cars
- 23% for Buses & Trucks





Natural Gas vs. Gasoline & Diesel



Natural Gas on a Gasoline Gallon Equivalent

- Natural Gas is dispensed on a Gasoline Gallon Equivalent (GGE)
- CNG is \$1.00+ per gallon less than gasoline and diesel
- Burning 5,000 gallons/year can save \$5,000 or more

Tax Credits through December 2010

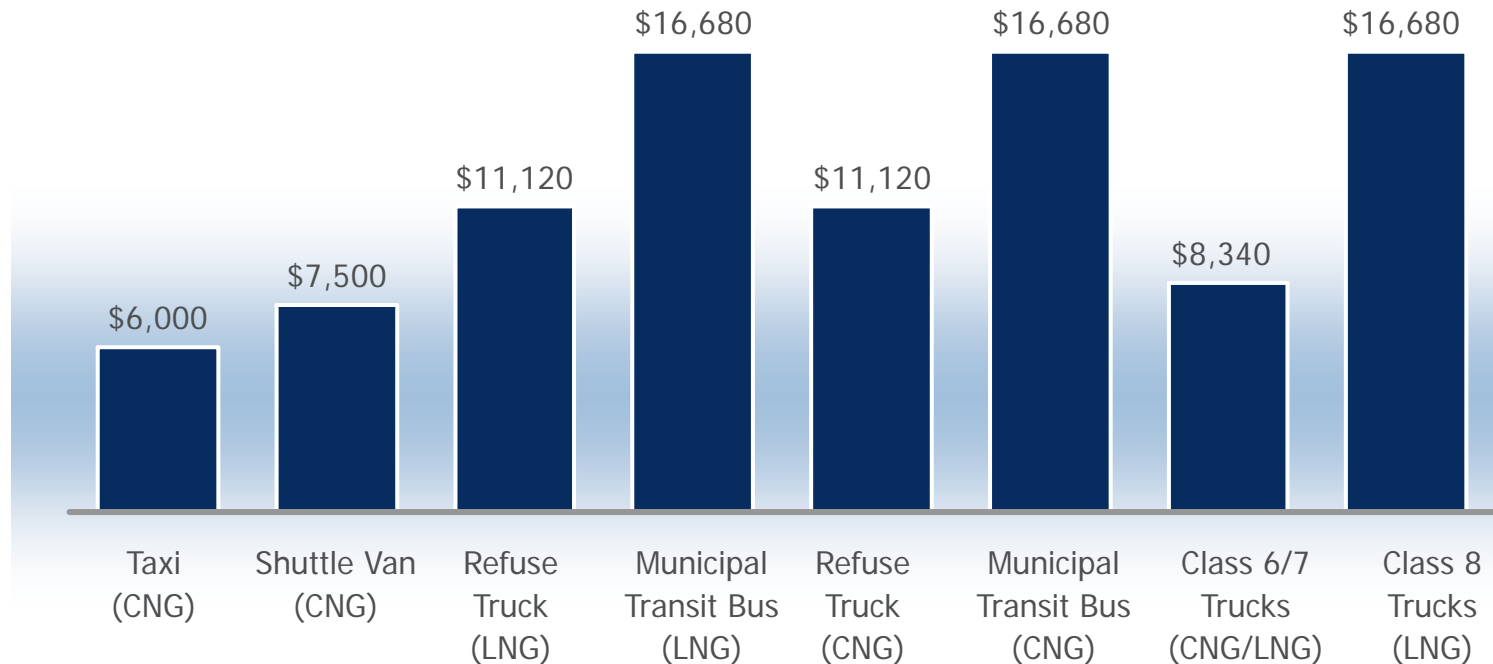
Allows for up to 80% of incremental cost of dedicated natural gas vehicle based on vehicle's GVWR (Gross Vehicle Weight Rating)

- GVWR < 8,500 lbs = \$5,000 (80% = \$4,000)
 - Passenger cars and light trucks
- GVWR 8,500-14,000 lbs = \$10,000 (80% = \$8,000)
 - Vans and light-medium trucks
- GVWR 14,000-26,000 lbs = \$25,000 (80% = \$20,000)
 - Shuttle buses and medium trucks
- GVWR > 26,000 lbs = \$40,000 (80% = \$32,000)
 - Refuse trucks, transit buses, street sweepers, heavy trucks
- **NAT GAS ACT, Boren-Larson Bill**
 - Extends Vehicle Tax Credits for several years at 2X the current provisions



Significant Fuel Savings per Vehicle

Estimated Annual Fuel Cost Savings



Incremental Cost*	\$7,000	\$7,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$18,000
Annual Fuel Usage (Gallons)	6,000	7,500	11,120	16,680	11,120	16,680	8,340	16,680
Comparison Fuel	Gas	Gas	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel

* Includes Vehicle Tax Credit

Niche Markets: Airports

- A “hub” for ground transportation
 - Taxis, Limos, Shared Ride Vans, Courtesy Hotel & Parking Shuttles, and Transit Buses
 - All are High Fuel Use Fleets
- Many U.S. airports have implemented policies supporting the use of NGVs



Niche Markets: Transit

- 30% of all new transit buses are NG
 - Low cost operation, clean, and quiet
- CE provides daily fueling services for over 5,100 transit buses including:
 - Boston MBTA, Dallas ART, Foothill Transit, MTA Long Island Bus, San Diego MTS, and Valley Metro (Phoenix)
- OEM built by El Dorado, NABI, New Flyer & Orion



Niche Market: Refuse and Recycling Trucks

- Over 2,500 of 200,000 refuse trucks in the U.S. run on natural gas
 - Several OEM makes/models
 - Cleaner and quieter
- CE fuels 1,500+ daily
 - Burrtec Industries; Fresno, CA; Smithtown, & Brookhaven, NY; and Waste Management
- More municipalities across the U.S. are selecting natural gas trucks for residential collection services
 - Brookhaven, NY; Hamilton, NJ; New York City; San Antonio, TX; Seattle, WA; Smithtown, NY



Niche Markets: Ports

- Major seaports are essential for strong international trade, but:
 - Major sources of pollution
 - Major sources of truck traffic
- The Ports of Los Angeles and Long Beach instituted landmark policies to reduce emissions
- Kenworth, Peterbilt, Freightliner, Capacity and Ottawa are producing OEM natural gas trucks for port operations



Additional Key Niche Markets

- Delivery Fleets
- School Districts
- Government & Private Fleets



What Fleets Should Consider

Cost of Fuel

- Annual Cost Savings Based on Fuel Differential

Vehicle Maintenance Costs

- Qualified Maintenance Technician

Garage Modifications

- Methane Detection Devices & Exhaust Fan Systems

Reliability of Equipment

- Proven, Tested & Certified

Fueling Options

- On-Site: Partner with Provider

Available Tax Credits and Grants

- Local, State and Federal

Obstacles With 1st Generation Alt Fuels

Fuel Cost Differential was Less

Lack of Fueling Infrastructure

Aftermarket Systems were Unreliable

Diesel Equipment was more Reliable

No Reliable Maintenance Providers

High Cost to Maintain relative to Diesel

Where We Are Today

Cost Differential is Growing

Public Infrastructure Expanding

OEM's Providing Natural Gas Models

Aftermarket Systems are EPA and CARB Certified

OEM's Provide Maintenance Training

Lower Cost to Maintain Relative to Diesel

Conclusions

- Natural gas is cleaner, cheaper, domestic, abundant and OURS!
- Operators will save \$1.00+ per gallon compared to gasoline & diesel
- Best NGV applications are high fuel use & return-to-base fleets
- If available, new NGV operators can use public infrastructure to learn how best to deploy a larger fleet
- Clean Energy is available to consult through the various options so customer's can make an informed decision

