



Clean Energy[®]

North America's leader in clean transportation



The Natural Solution for Achieving Clean Cities

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4/30/2008

- Founded in 1997 by Boone Pickens
- Largest provider of Natural Gas for transportation in North America
- Over 170 fueling stations
- Focus on high fuel use fleets
 - Airport
 - Municipal/ Transit
 - Refuse
 - Regional Trucking
- Full Time Grant Department
 - \$100 million+ awarded
- Vehicle Financing



Summary of Key Points



Natural Gas as a Transportation Fuel is:

- The Cleanest Available Fuel
- Affordable (30-50% Less than Gasoline and Diesel)
- Domestically Produced
- Renewable
- A Realistic and Scalable Stepping Stone to Hydrogen

Natural Gas Vehicles:

- Are Readily Available Today
- Are Not For Everyone
- Work in Specific Fleet Applications
- Are the Best Economic Solution

Clean Energy Can Remove the Barriers to Implementation

Compressed Natural Gas Basics

- Used in cooking and heating
- Drawn from pipeline and compressed
- Dispensed in fast-fill system
- Dispensed in time-fill system
- 1 gasoline gallon = 1 CNG GGE
- 1 diesel gallon = 1 CNG DGE



Liquid Natural Gas Basics

- Created by cooling NG to -260F
- Produced at a liquefaction plant
- Trucked in to fueling stations
- Dispensed into vehicles as liquid
- Can also be used to produce CNG
- 1 diesel gallon = 1 LNG DGE



The Nation Faces Serious Challenges



- Climate Change: Need to identify low carbon transport fuels
- Air Pollution: Cities will battle air pollution as they continue to grow
- Energy Independence: US Imports 64% of Oil, world production is at capacity though demand continues to increase, minor supply disruption equals major price spike
- Rising Fuel Costs: \$3.00 + Gasoline and Diesel fuel crippling budgets of fleet operators...\$4 a Gallon is Coming...

NG is the Cleanest Vehicle Fuel Available!

- NGVs Reduce Greenhouse Gases:
 - 31% for Light Duty Vehicles
 - 23% for Medium / Heavy-Duty Vehicles
- 2008 Honda Civic GX rated AT-PZEV:
 - American Council for Energy Efficient Economy's Greenest Car on the Planet for 2008 (5th Year in a Row)
 - Only Car Greener than Toyota Prius
 - Home Refueling Now Available
- Heavy Duty Vehicles Certified to 2010 EPA Emissions Standard:
 - Cleanest Heavy Duty Technology
 - 83% reduction in smog forming NO_x
 - 90% noise reduction

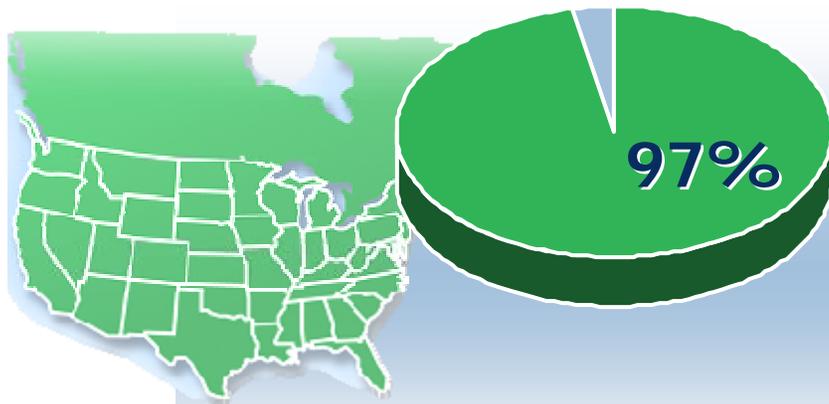


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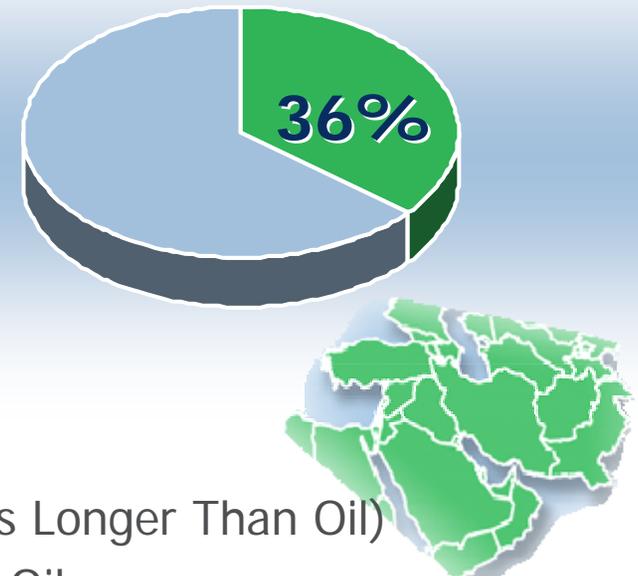


Natural Gas is Abundantly Domestic!

Natural Gas



Crude Oil



■ Supplied From
US and Canada
■ Imported

- 77 Years of Domestic Reserves (30-40 Years Longer Than Oil)
- World NG Reserves Estimated at 3x That of Oil
- Western states are largest producers in the Nation
- Provides Gallon for Gallon Displacement of Oil Products
- Renewable Forms of NG Now Becoming Available

Natural Gas is Renewable and Sustainable!

- NG is 95-99% Methane
- Renewable Forms of Methane are now becoming available: Biomethane
- Landfill Gas, Sewage Treatment Process Dairy Farms, Biomass, Etc.
- Iceland powers 100% NGV Bus Fleet with Biomethane
- Hydrogen can be blended with CNG to produce even cleaner HCNG (Translink)
- CNG Stations can be modified to produce CNG, HCNG or H₂ from a single fueling station

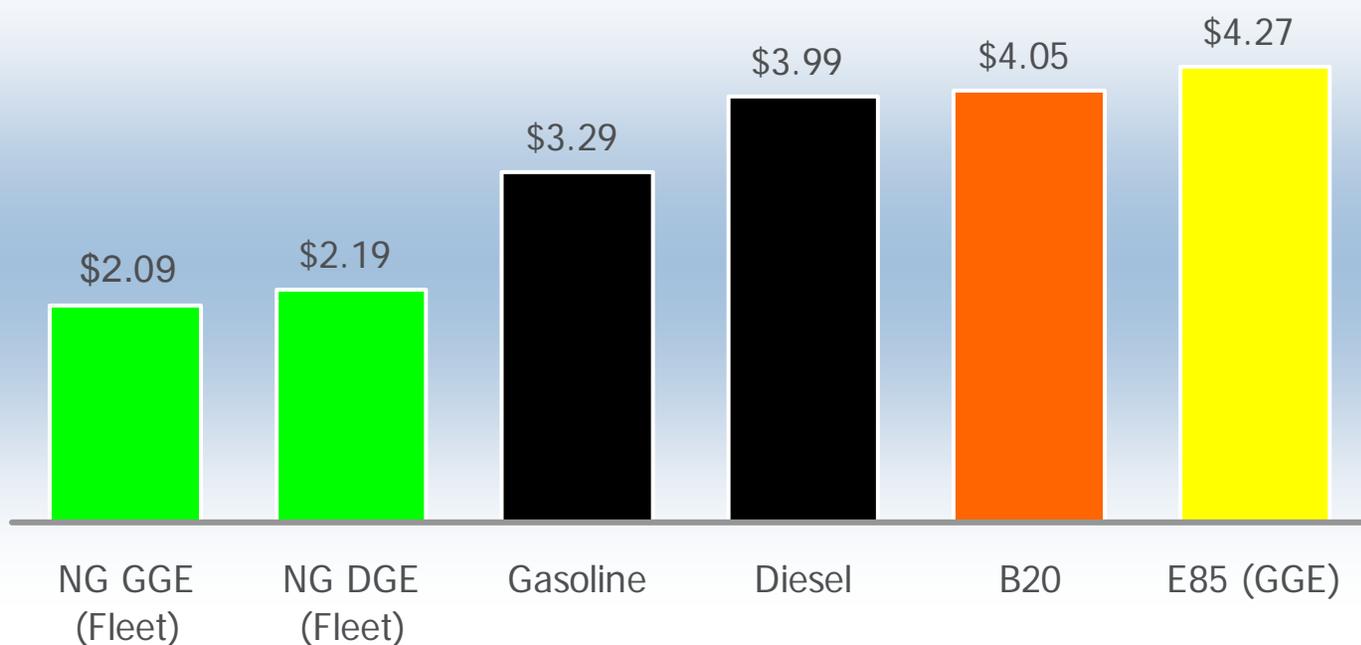




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NG Is More Affordable Than Gasoline or Diesel!

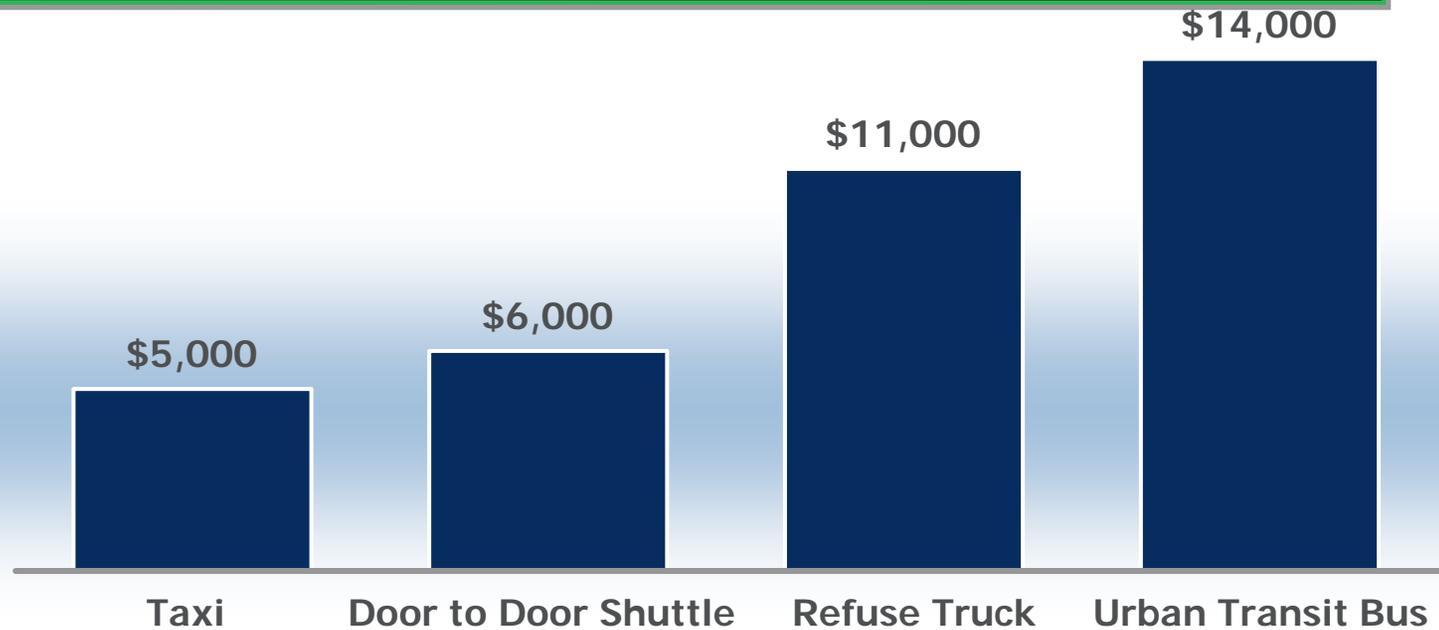
Pump Price As of 4/1/2008



36% Discount to Gasoline
45% Discount to Diesel

HUGE Fuel Savings per Vehicle

Estimated Annual Fuel Cost Savings



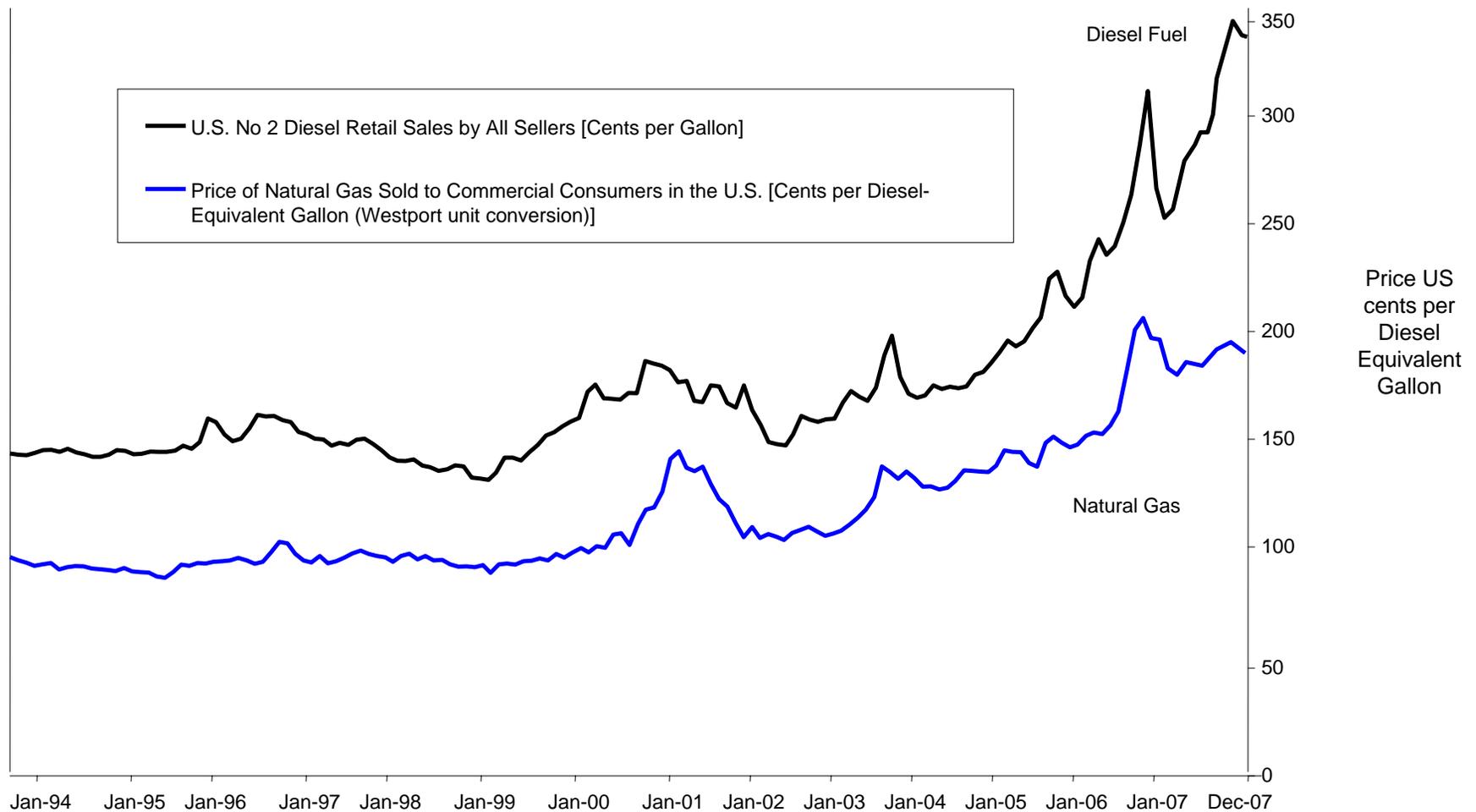
Estimated

Annual Fuel Usage (Gallons)	5,000	6,000	11,000	14,000
Comparison Fuel	Gasoline	Diesel	Diesel	Diesel

Note: Assumptions Based on Fuel Savings of \$1.00 per Gallon

Price History for Diesel Fuel and Pipeline NG

Natural gas cost averages 25- 42% less than Diesel



Natural Gas Vehicles are Readily Available!

- Refuse Haulers Available
 - Autocar, Condor, Crane Carrier, Peterbilt and Coming Soon...MACK



- Transit Buses Available
 - NABI, New Flyer, El Dorado, Blue Bird, Freightliner, Optima, Orion



What's New in Light-Duty Vehicles?

- CNG Pickups

- Ford F150, F250, F350



- Ford E350



- Ford E450



- Standard Taxi

- Seats 4 ADA Compliant
- Built by AM General (Hummer)



What's New in Heavy Duty Vehicles?

- Freightliner Walk-In CNG Vans
 - UPS to Deploy 167 in CA, GA and TX
 - Adds to More Than 800 UPS CNG Vans Already in Operation
 - Cummins B-Gas Plus
- Foton-America Bus
 - Targeting Same Cost as Diesel Unit
 - Also Offers Box Trucks, Refuse Trucks, Etc.
 - Cummins ISL G
- Sterling LT8500
 - Cummins ISL G



Federal Tax Credits Available

Incremental Cost: \$5,000 (Civic) - \$40,000 (Transit Bus)

Covers 80% Incremental Cost of Dedicated Alternative Fuel Vehicle based on GVWR (Gross Vehicle Weight Rating)

- GVWR < 8,500 lbs = \$5,000 (80% = \$4,000)
 - Honda Civic, Ford Crown Victoria
- GVWR 8,500-14,000 lbs = \$10,000 (80% = \$8,000)
 - Sierra/Silverado pickup, Express/E350 van
- GVWR 14,000-26,000 lbs = \$25,000 (80% = \$20,000)
 - Ford E450 or GM 8.1L shuttle bus
- GVWR > 26,000 lbs = \$40,000 (80% = \$32,000)
 - Refuse truck, Transit Bus, Street Sweeper

Clean Energy's Role: Remove the Barriers

- Infrastructure Expensive: \$1M +
- Provide 100% Capital
- Permit, Design, Build, Operate and Maintain
- Commitment to purchase trucks and use fuel
- Provide Price Protected Long Term Fueling Rate
- Fuel Savings: \$0.75 - \$1.25 per Gallon
- Provide Public Access/Royalty if Feasible



Industry Updates: CA Ports

- Replace 15,000 Class 8 Trucks by 2012
- LNG Qualified for \$1.6 Billion Superfund
- Kenworth Will Produce 5,000 T800 LNG Trucks in 24 Months
- Recently Completed World's Largest LNG Fueling Station
- New LNG Production Facility under Construction



Industry Updates: Chesapeake Entrance

- Largest Independent NG Producer in the US
- \$28 B Company investing in the NGV Industry
- Partnering with CE to build new CNG stations in OK and TX
- Beginning conversion of 2500 Unit fleet to NGVs
- Developing new Upfit Center / NGV Dealership model



Natural Gas: The Path to Clean Cities



- Increased Energy Independence from Unstable Countries
 - ❖ NGVs run on American fuel
 - ❖ Renewable NG now coming to Market
- Huge Economic Advantage for Public and Private Fleets
 - ❖ Avoid additional cost increase from diesel units and fuel
 - ❖ Millions in Fuel Savings!
- Air Quality and Climate Change Advantages
 - ❖ 2010 EPA certified products today
 - ❖ 23% Reduction in GHGs
- Cleaner, Quieter and Healthier Cities
 - ❖ Notoriety and improved green image



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**Thank You For Your
Time!**

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