



Clean Energy[®]

North America's leader in clean transportation

Building CNG and LNG Fueling Networks

Clean Tech Connect Forum

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Mike Eaves, Asst. VP Technology Advancement

Largest Alternative Transportation Fuel Provider

340+
Fleet
Customers

17,000+
Natural Gas
Vehicles

180+
Natural Gas
Fueling Stations

Compressed Natural Gas (CNG)



Taxis



Government
Vehicles



Airport
Transit

Liquefied Natural Gas (LNG)



Regional
Trucking



Public
Transit



Refuse
Hauling

Clean Energy Services

- Design, construct & operate CNG & LNG fueling stations
- Build & operate LNG production facilities
- Operate LNG tanker fleet to deliver LNG to stations for HDVs
- Grant writing services (over \$120 million)
 - \$300+ grant proposals submitted for recent DOE Clean Cities solicitation
- Vehicle financing
 - Partner with banks to convert federal tax credits into low cost leases
- Developing Low Carbon Portfolio
 - Landfill gas and other sources
- Work with OEMs and customers to reengage OEMs in market
- Aggressive in policy formulation at federal, state, and local levels

CNG & LNG Stations



Design for Rapid Deployment

- Design three basic compression modules to address various gas input pressures and customer needs
 - Plug and play – connect gas, electricity and dispensers
- Work with compressor manufacturers to build modules to our specifications
 - Built-in monitoring systems for remote monitoring
 - QC and compliance testing at factory
- Purchase large order of compressor modules
 - Saves on lead-time for installation
- Working with world compressor manufacturers to reduce cost
- Smaller self contained systems for even faster deployment



LNG and Biomethane Production

- 2 LNG plants – 1 new coming
- Boron Nov 08
 - 160k gal/day
 - Expand to 240k gal/day
 - 1.5 million gal storage
- McCommas LFG
 - 35,000 gal/day to pipeline
 - Will expand to more than 100K gal/day



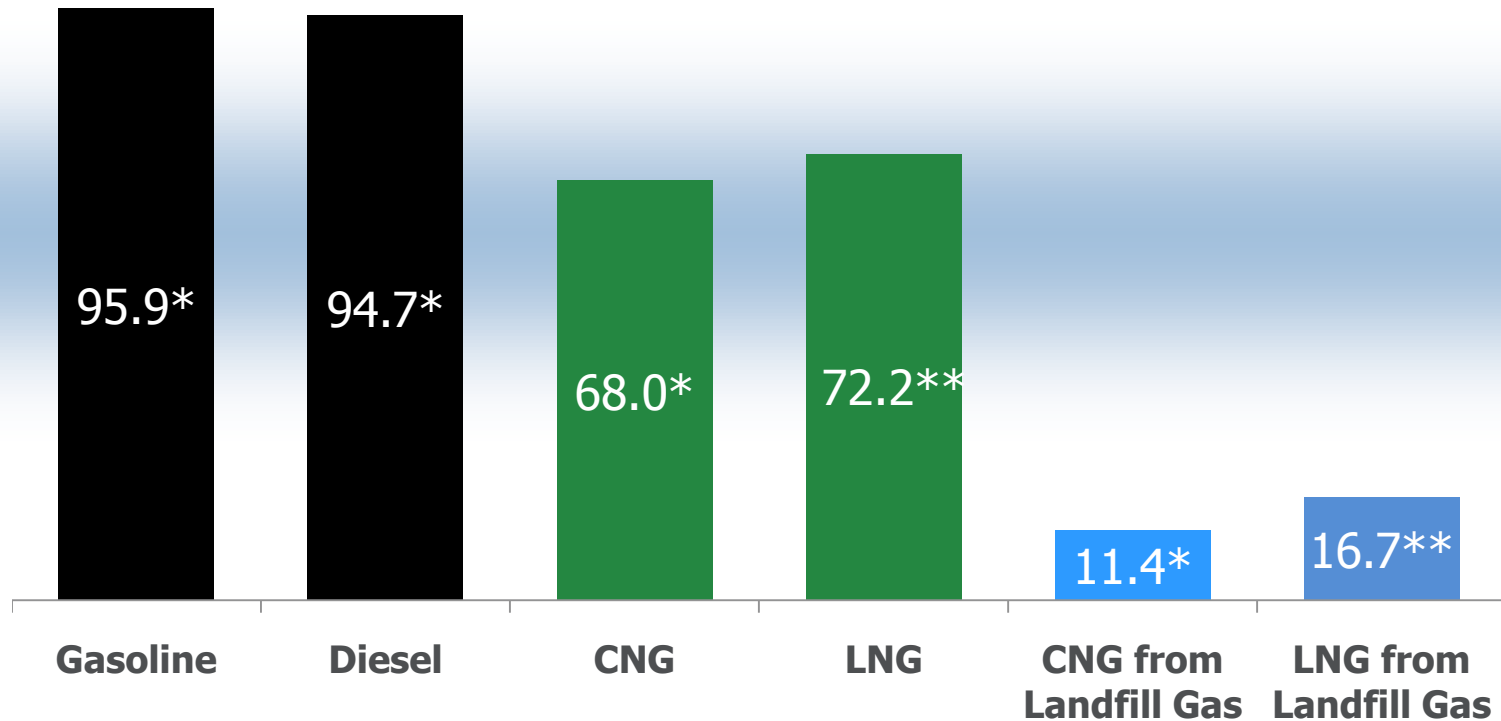
Expanding CNG & LNG Infrastructure

- 65 Public Access Stations in greater Los Angeles area
- Additionally over 200 additional private stations
- **GREAT MARKET OPPORTUNITY TO INTRODUCE PRODUCT**
- Working with customers to fill out network of stations
- Replicate model of 50-100 stations in other major urban areas of country
- Approaching similar concept with trucking fleets to address regional and long-haul corridors for goods movement



Value of Natural Gas in a Low Carbon World

WTW Greenhouse Gas Emissions (in grams CO₂eq/MJ)



* CARB Jan 30, 2009 WTW data

** TIAX Report on Boron LNG plant

Thank you!

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