

North America's leader in clean transportation

Natural Gas for San Diego Fleets: CNG Station Build Best Practices

cleanenergyfuels.com

Natural Gas for Transportation





LESS EXPENSIVE – Natural Gas Is Economic





Fleet Fueling Prices

GasBuddy.com San Diego June 16, 2014

Diesel Gallon CNG (DGE) Savings

\$4.00 \$2.50 **\$1.50**

Annual Fuel Savings (Per vehicle) \$12,000*

*Based on 8,000 gallons per year

Industries Saving Money with CNG









OTR Trucks
Save ~ \$30,000 per year

Ready Mix Trucks
Save ~ \$12,000 per year

Trash Trucks
Save ~ \$12,000 per year

Transit Buses
Save ~ \$20,000 per year

Airport Shuttles
Save ~ \$8,000 per year

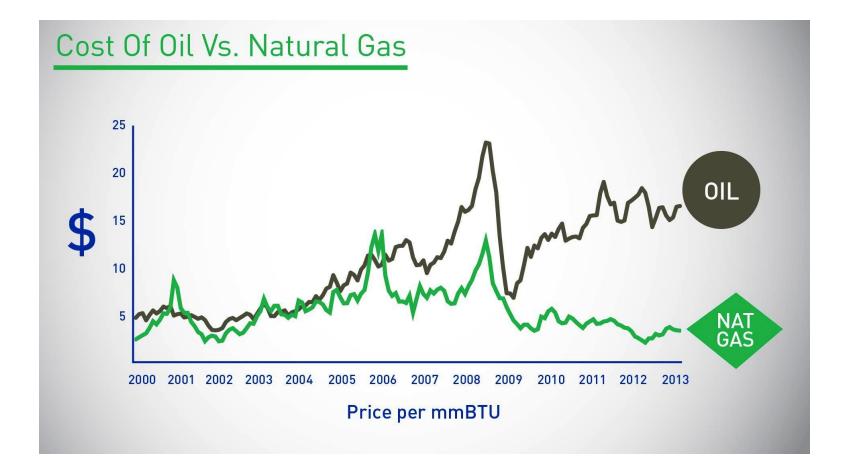
Taxis Save ~ \$5,000 per year





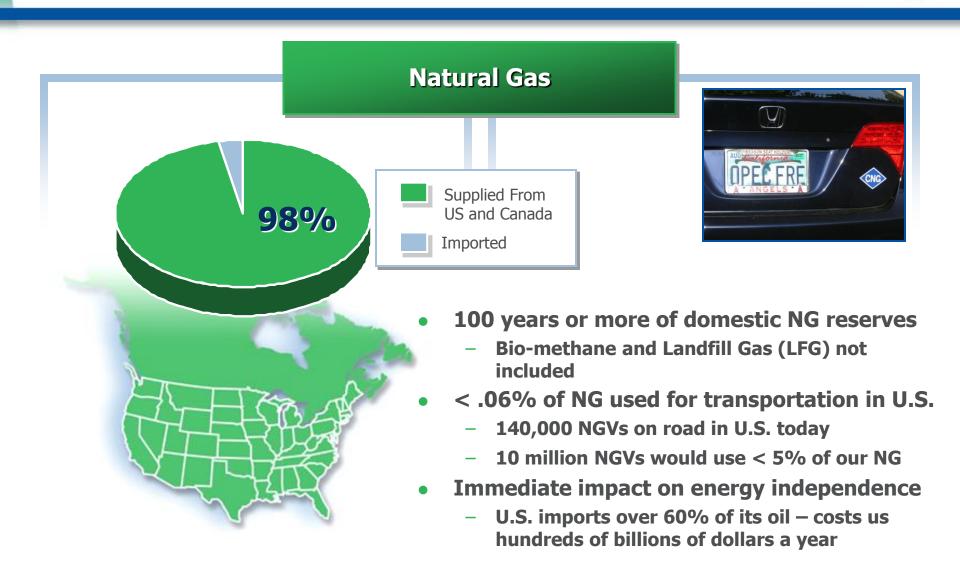






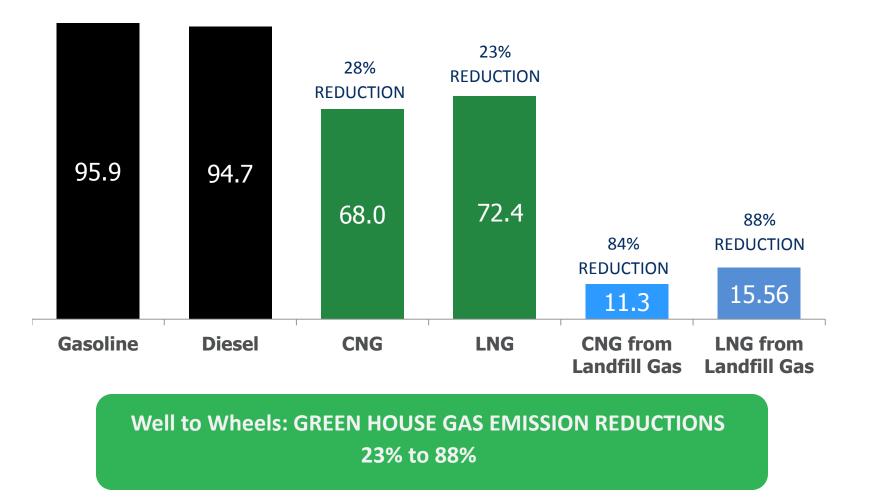
Natural Gas is a Domestic Fuel





CLEANER – Emission Reductions and Sustainability





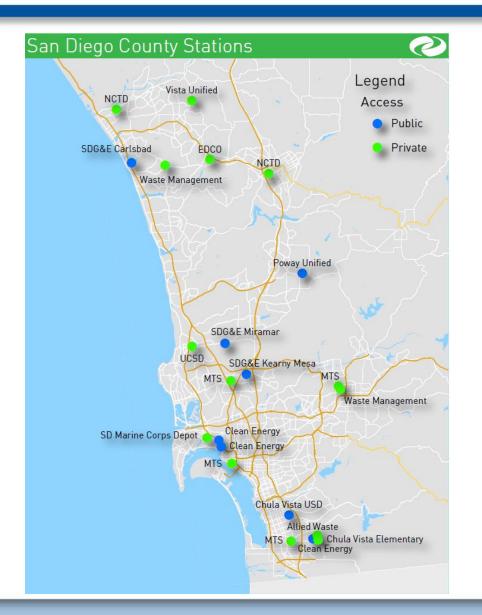


- Up to 90% Reduction in GHG vs diesel or gasoline
- Renewable bio-methane made from organic waste from landfills and farms
- Redeem is available Today at Clean Energy Stations in San Diego



San Diego County CNG Infrastructure





- 8 Public CNG Stations
 - Clean Energy 3 Public CNG Fueling Stations
 - SDG&E 3 Public CNG Fueling Stations
 - 2 of the 4 School District sites open to public

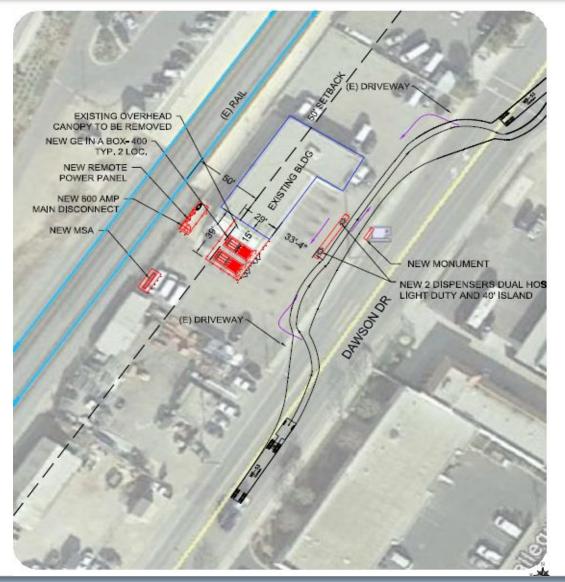
14 Private CNG Stations

- MTS 4 CNG Fueling Sites
- NCTD 2 CNG Fueling Sites
- Waste Management 1 CNG and 1 LCNG Station
- Allied Waste 1 Private CNG Station and 1 Coming Soon
- UCSD Private but open to UCSD Affiliates
- USMC Private Fueling Site

Steps to Building a CNG Station



- Identify site
- Financial Feasibility
- Agree to terms
- Begin Engineering
- Permitting
- Construction Start
- Equipment Delivery
- Construction Complete
- Activate Utilities
- Commissioning



More than Just Fuel





Summary and Next Steps



• Natural gas is a today solution to:

- Reduce diesel & gasoline price volatility
- Save Money
- Reduce emissions, lower carbon footprint
- Increase our energy independence
- Next Steps....



Steve McCarthy Manager West Region 949.437.1320 smccarthy@cleanenergyfuels.com