



CLEANFUELUSA

Tomorrow's Fuels Today

Sales & Marketing

Alternative Fuel Concepts

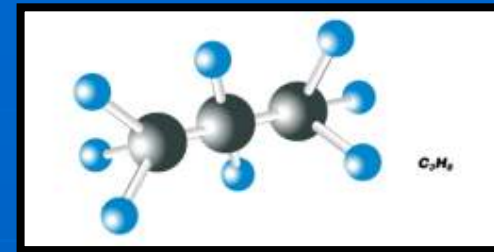
Georgetown, Texas

www.cleanfuelusa.com



- Design and Manufacture of E85, Biodiesel and LPG Refueling Dispensers
- LPG Fuel Systems for GM and Ford Products.
- Underground Storage Tank Dispensing Systems
- Retail Fuel Island Dispensers
- Fleet Style Above Ground Skid Packages
- Biofuel and Propane EPOS Fleet Management Systems

Propane (C_3H_8)



- Domestically Produced Alternative Fuel
- Simple Hydrocarbon Burns Cleanly and is not a Ground Contaminant
- Abundant Supply in the USA (Global Clearinghouse)
 - 90% of what we use is Produced in U.S., 10% North America
 - 60% comes from Natural Gas Liquids (NGLs); 40% refining oil
 - World LP Gas Association predicts “brisk growth” in supplies due to increasing demands for Natural Gas and Crude Oil Production
- Propane fuel cost vs. *Gasoline* \$1.49/gal vs. **\$2.49/gal**
 - Competitive with *Diesel* \$2.69
- Low Emission Fuel for Light / Medium & Heavy Duty Vehicles
 - **Near Zero PM, Low CO levels and the NMHC+NOx is less than 0.7 g/bhp-hr; With no Loss in Performance.**

Propane Vehicle Efficiency and Cleaner Emissions

- Propane vehicles have similar range, MPG, and refueling times as gasoline
- Propane Vehicles can meet current and future emission standards and are consistently cleaner than gasoline ~60% and diesel vehicles ~90%
- Clearing market barriers in 2006-2007 with GM and Ford platforms with Tire-III OEM platforms

PROPANE
EXCEPTIONAL ENERGY™



Liquid Propane Injection LPI

17,500 to 33,500 GRVW
Meets 2007 HD Emission Standards



Park Service & Shuttle

2007-2008 Ford F-150
Dedicated Propane Puck-Up



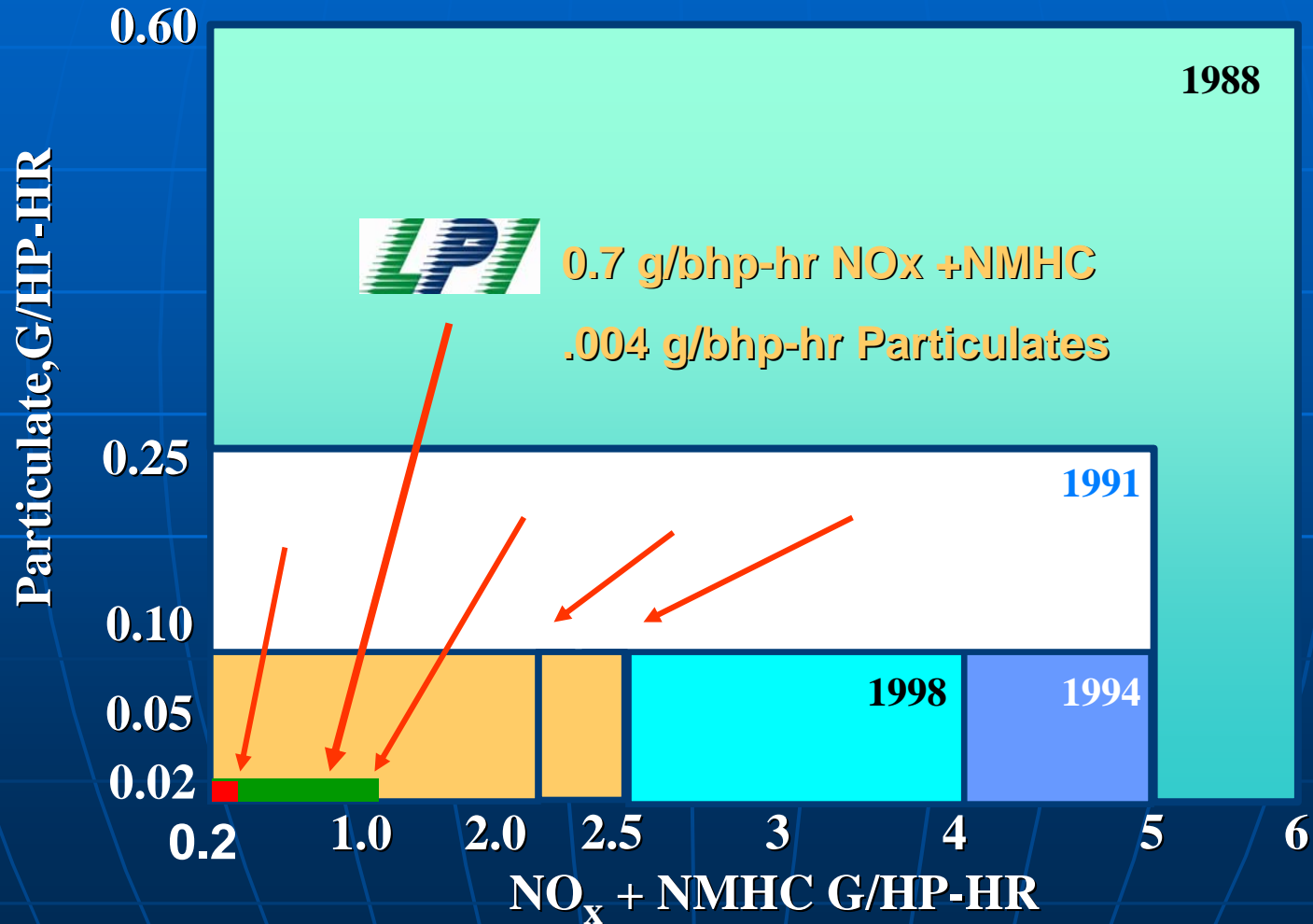
2007 Blue Bird School Bus



Cleanest Heavy-Duty Truck in Class.....

17,500lb to 33,500lb GRVW

Heavy-Duty Engine Emissions





PROPANE

ROUSH F-150

Roush Engineering



Factory Ford Components

CFUSA "LPI" Technology



BETWEEN A RACE TRUCK AND A ROAD TRUCK... IS A ROUSH TRUCK.

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PERC Selects Roush to Build Dedicated Propane Truck!

Written by Greg Zilberfarb
Friday, 24 March 2006

The Propane Education & Research Council (PERC) approved a propane engine fuel project that will ultimately lead to the commercialization of a dedicated propane-powered Ford F-150 pickup truck!

PERC selected Roush Industries (<http://www.roushind.com>) to design, engineer and build the vehicle. The dedicated (only uses propane) vehicle will be engineered to the same high standards as other Roush products and will be a fully authorized OEM product.

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Roush has chosen ASG Renaissance (<http://www.asgren.com>) to perform the commercialization and

Leveraging Incentives & Grants

- 2005 EPACK
 - Tax Credits:
 - Thirty Percent up to \$30,000 for Infrastructure
 - Renewable Fuel Blenders Credit: \$0.51 per gallon (=\$0.43 for E85)
 - Alternative Fuel Credit \$0.50
- 2006 DOE Clean Cities Grants (CC+CEC 2003, 2004, 2005 =\$1.5)
 - Infrastructure Funding \$3.1-Million (CA awarded \$495k for E85)
 - AFV Incremental Cost of vehicle Purchases (CA award \$540k LPG)
 - Leveraging State Funding with Federal Incentives
 - Partnering with CleanFUEL USA to Develop State Wide Infrastructure for E85, Biodiesel & Alternative fuels
 - CARB \$25,000,000 in the 2007 Budget for Alternatives

Alternative Fuel Roadmap

Part of the Solution



www.e85fuel.com



www.cleanfuelusa.com



AB 1007 & ARB Funding Requests

- Consider “all alternative fuels” as a comprehensive strategy to meet stated petroleum reductions and emission goals
- The propane industry has creatively met the challenge of producing EPA/ARB certified OEM vehicle platforms in collaboration with automakers that is “financially sustainable”

CA LPG Autogas Action Plan

- Fuel Quality and Supply
- OEM Vehicle Platforms (GM & Ford)
- Master Dealer Program
- Public Outreach (Fleet Marketing)
- Leverage Efforts of PERC and WPGA marketing Strategies



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