



# VIRGINIA GOVERNOR'S ENERGY CONFERENCE

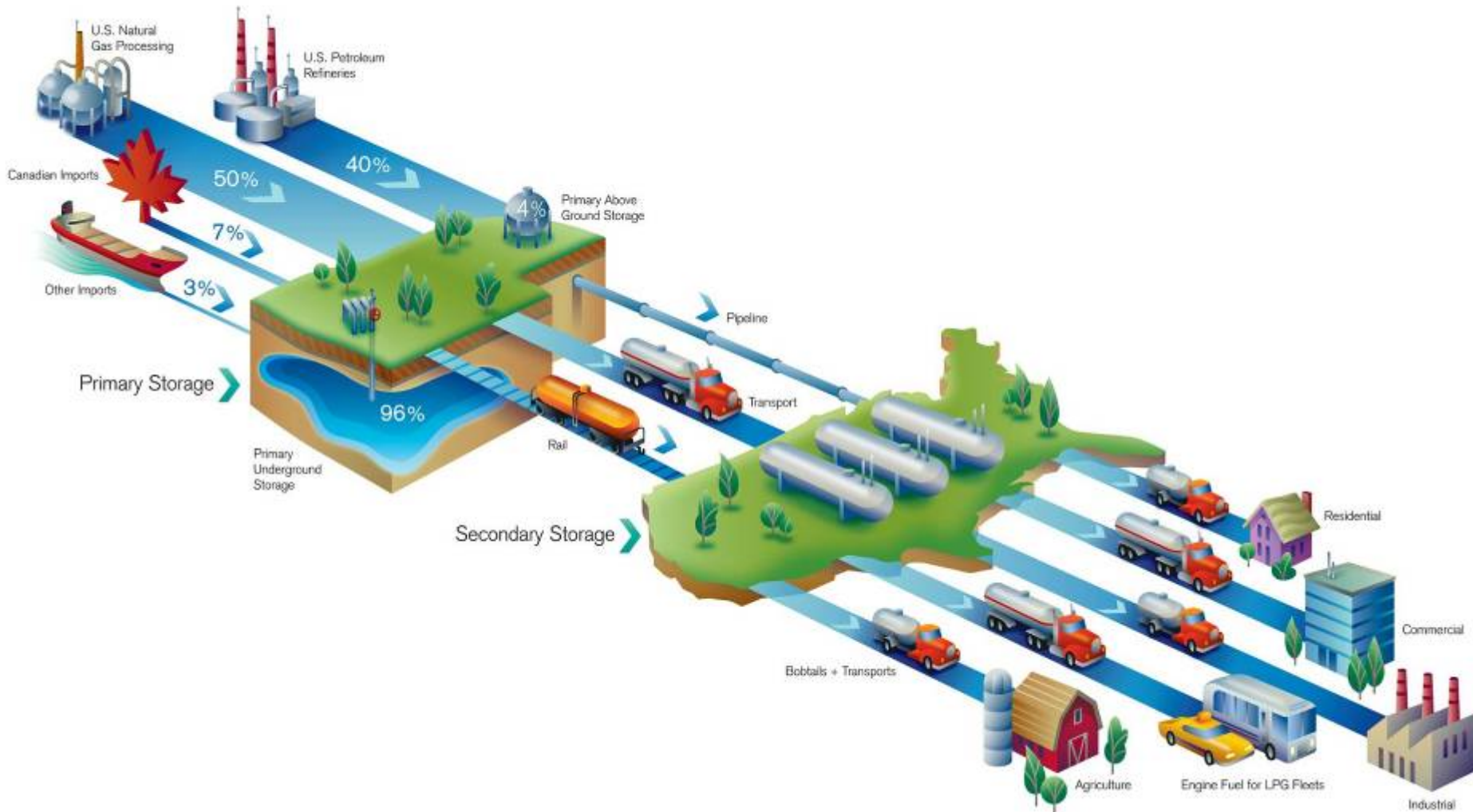
RICHMOND, VIRGINIA  
OCTOBER 14, 2010

ROY WILLIS  
PRESIDENT & CEO  
PROPANE EDUCATION &  
RESEARCH COUNCIL

# INTRODUCTION TO PERC

- ▶ The Propane Education & Research Council (PERC) was formed by an act of Congress in 1996.
  - » The 21 member Council is appointed by the Gas Processors Association (GPA) and the National Propane Gas Association (NPGA).
  - » PERC is an energy check off program.
    - › Four-tenths of a cent per gallon of odorized propane sold.
- ▶ Strategic mission: “To promote the safe, efficient use of odorized propane gas as a preferred energy resource through consumer & employee education and technology development & commercialization.”
- ▶ Work closely with 39 state propane gas associations, DOE and EPA programs.

# PROPANE SUPPLY & DISTRIBUTION



# GLOBAL OVERVIEW

- ▶ Approximately 270,000 propane vehicles in USA.
- ▶ 14M propane vehicles worldwide.
- ▶ Referred to as autogas.
- ▶ Move in USA to use autogas for propane used for vehicle fuel.



# ROUSH/FORD PROPANE PRODUCTS



# GM 6.0L ENGINE OPTIONS



# PROPANE SCHOOL BUSES



# AFTERMARKET EQUIPMENT





# FUTURE PRODUCT DEVELOPMENT - ROUSH/FORD

## Ford F-450 / F-550

6.8L V10 (3V)



## Ford F-650 / F-750

6.8L V10 (3V)

## Ford F-59 / F-53 Strip Chassis

6.8L V10 (3V)



## Ford F-250 / F-350

6.2L V8 (3V)

## Ford Transit Connect

## Ford F-150



# FUTURE PRODUCT DEVELOPMENT - FREIGHTLINER

**PROPANE**  
EXCEPTIONAL ENERGY®



# FUTURE PRODUCT DEVELOPMENT – ALLIED SPECIALTY VEHICLES

**PROPANE**  
EXCEPTIONAL ENERGY®



## ALLIED SPECIALTY VEHICLES

American owned manufacturer of specialty vehicles consisting of some of the leading brands in the Recreational Vehicle, Fire, Ambulance, Bus, Terminal Truck and Industrial Sweeper markets.



# COMMERCIAL MOWING

**PROPANE**  
EXCEPTIONAL ENERGY®



# COMMERCIAL MOWING (cont.)

**PROPANE**  
EXCEPTIONAL ENERGY®



# SUMMARY

- ▶ There are more propane fueling stations in the United States than there are fueling stations for any other alternative fuel, including ethanol.
- ▶ Propane is the only alternative fuel with fueling stations located in every state.
- ▶ Propane vehicles emit 12 percent less carbon dioxide, about 20 percent less nitrogen oxide, and up to 60 percent less carbon monoxide than gasoline-powered vehicles.

THANK YOU