Propane Fueling Stations & Vehicles in West Virginia

West Virginia 2013 Energy Summit
December 17, 2013
Liquid Propane (LPG) – the most used alternative vehicle fuel in the US

- Fueling Stations – over 2,000 fueling stations
- Vehicles – over 300,000 vehicles operating
- Surplus Supply – increase in supply as a result of natural gas drilling
- Price Stability – historically stable
Propane Production

(*Revisions to DOE data on imports resulted in an increase in 2011 and 2012 imports of about 60 million gallons per month)
Propane Supply/Demand in NE (BPD)

- Summer demand is about 100,000 BPD
- Winter demand can be 350,000 BPD or higher

Source: Dominion Internal
Price Stability

Propane, Heating Oil, ULSD, and Gasoline Wholesale Prices

Wholesale Fuel Price ($/MMBtu)

- NY Harbor Gasoline Price
- Mont Belvieu Propane Price
- NY Harbor ULSD Price
- NY Harbor Heating Oil Price

Futures Price as of Feb. 7, 2013
WV Fueling Stations

• Charleston – Exxon One Stop at the corner of Kanawha Boulevard & Florida Street is operational

• Beckley – Little General Store at the Harper Road exit of I64/I77 is operational

• Martinsburg - Moler Avenue Shell at 1100 Shepherdstown Road, will begin construction in December 2013

• Huntington – Exxon One Stop at the corner of Route 60 & Robey Road, will begin construction in January 2014

• Fairmont – Little General Store at 2395 White Hall Boulevard will begin construction in Q1 2014

• Parkersburg – Exxon at 3600 Emerson Avenue, will begin construction in Q1 2014
Vehicle Conversions

- Charleston/Kanawha County – 6 Bi-fuel; 1 Diesel Propane Blend System

- Beckley – 6 Bi-fuel; 1 Diesel Propane Blend System

- Martinsburg – 4 Bi-fuel; 1 Diesel Propane Blend System
Bi-Fuel
Mono-fuel
Market Development

• On Road: Fleets – 2 to 100 vehicles
  Larger fleets require capital planning
  National fleets work with OEM’s
  Propane companies – Large & small

• Off Road: Coal & Timber Operations
  Agricultural/Industrial
  Inland Water Transportation

• Stationary: Well Sites
  Construction