



Propane Fueling Stations & Vehicles in West Virginia

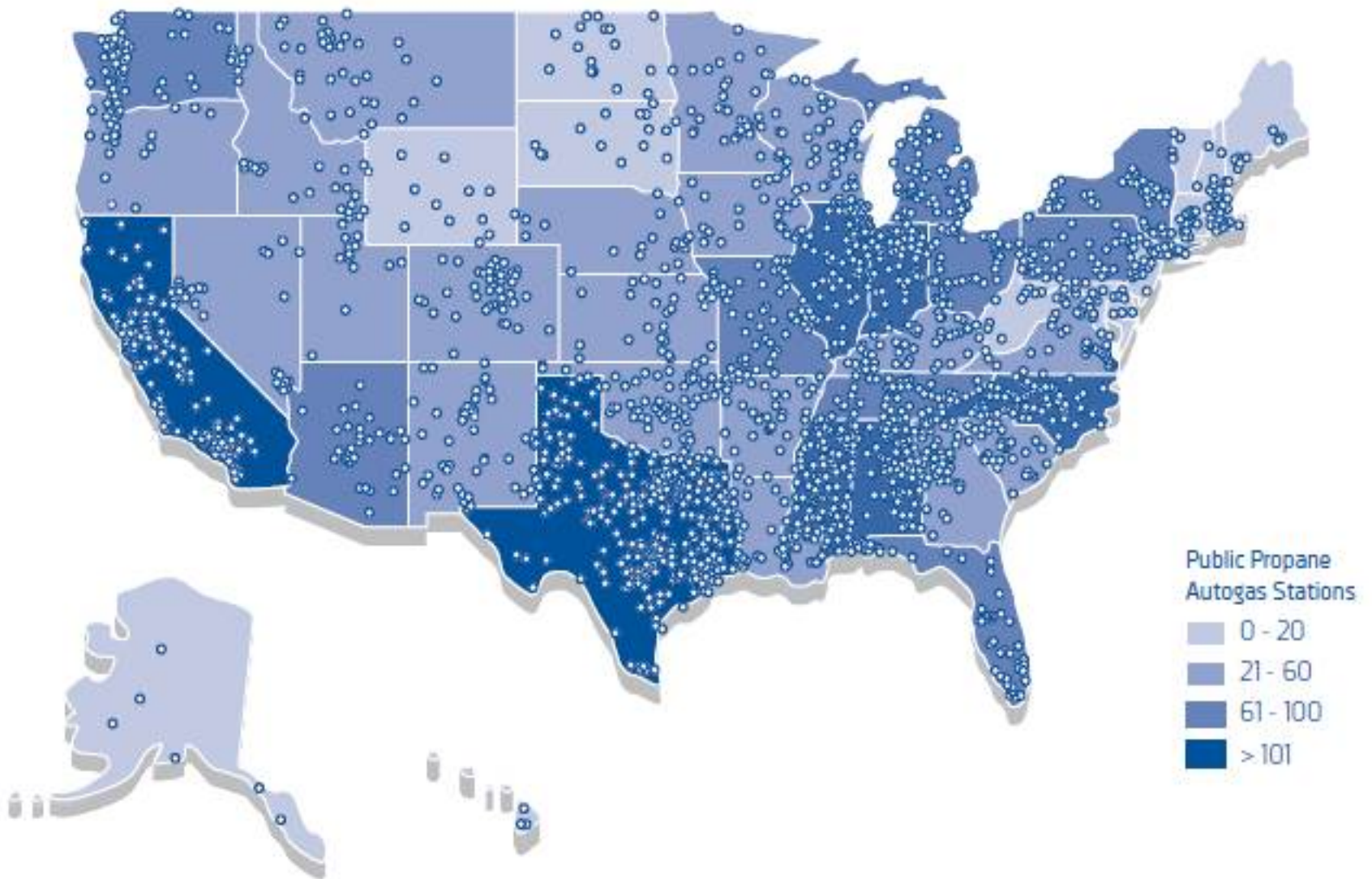
***West Virginia 2013 Energy Summit
December 17, 2013***



Liquid Propane (LPG) – the most used alternative vehicle fuel in the US

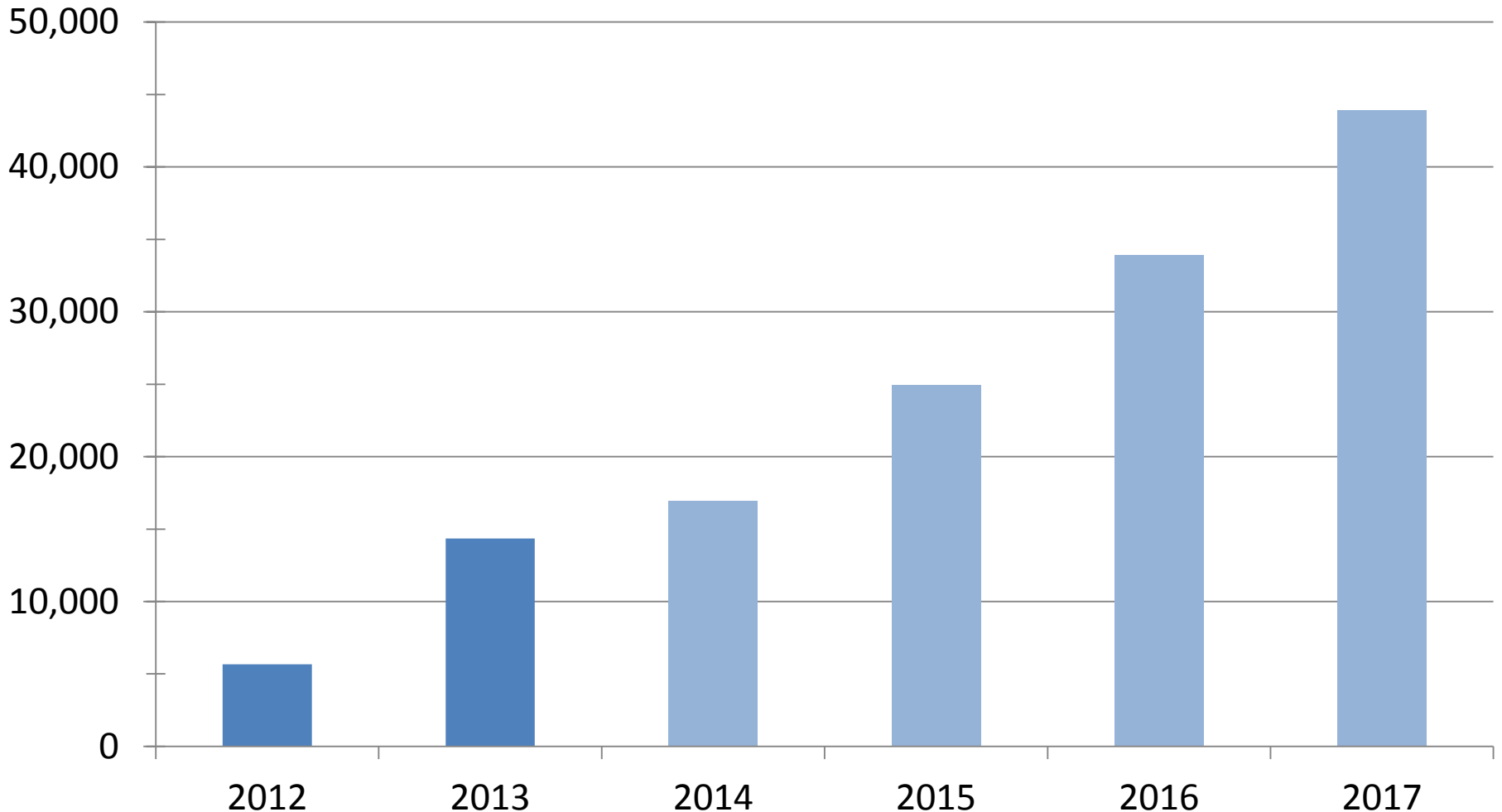
- **Fueling Stations – over 2,000 fueling stations**
- **Vehicles – over 300,000 vehicles operating**
- **Surplus Supply – increase in supply as a result of natural gas drilling**
- **Price Stability – historically stable**

US LPG Fueling Stations

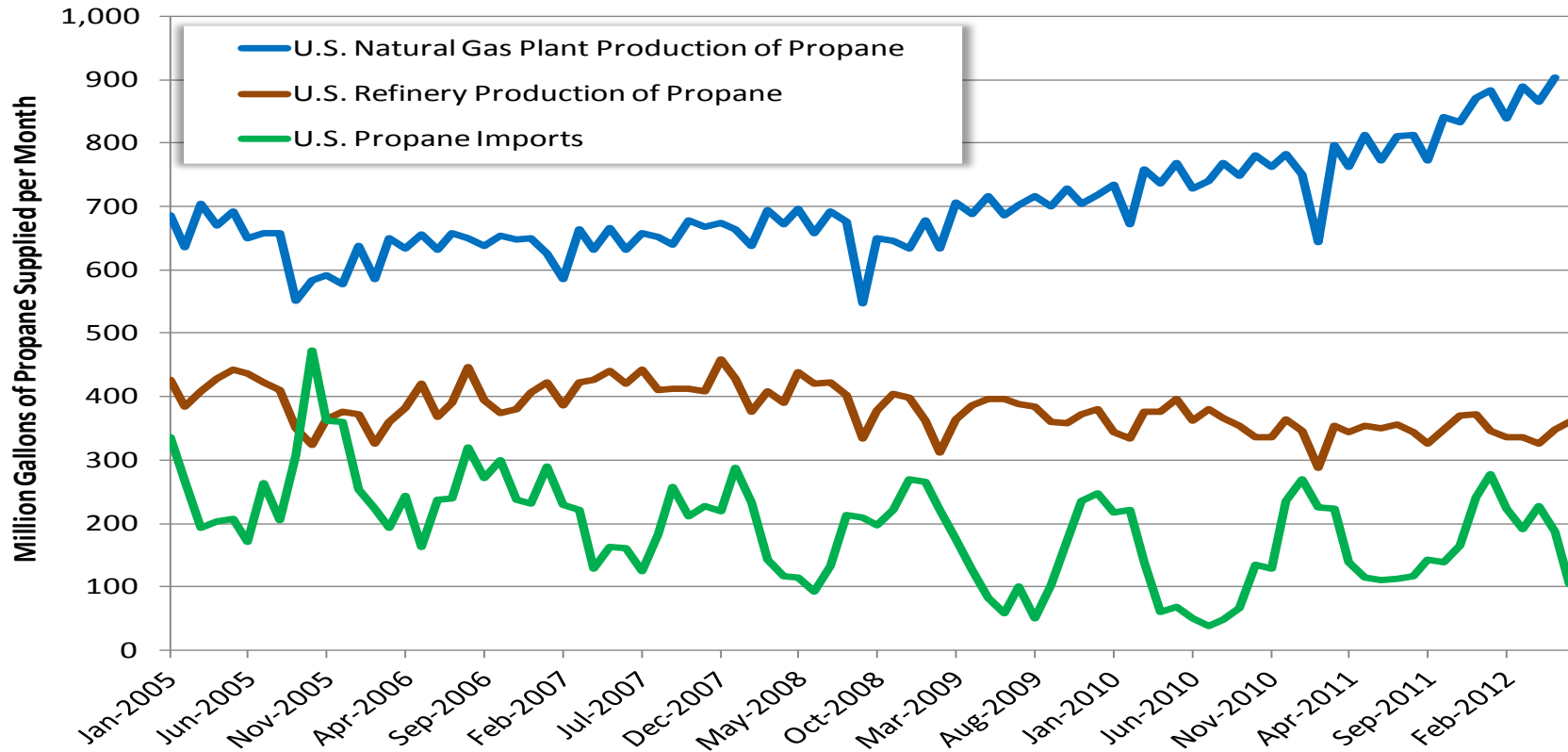




On-Road LPG Vehicle Sales 2012 -2017

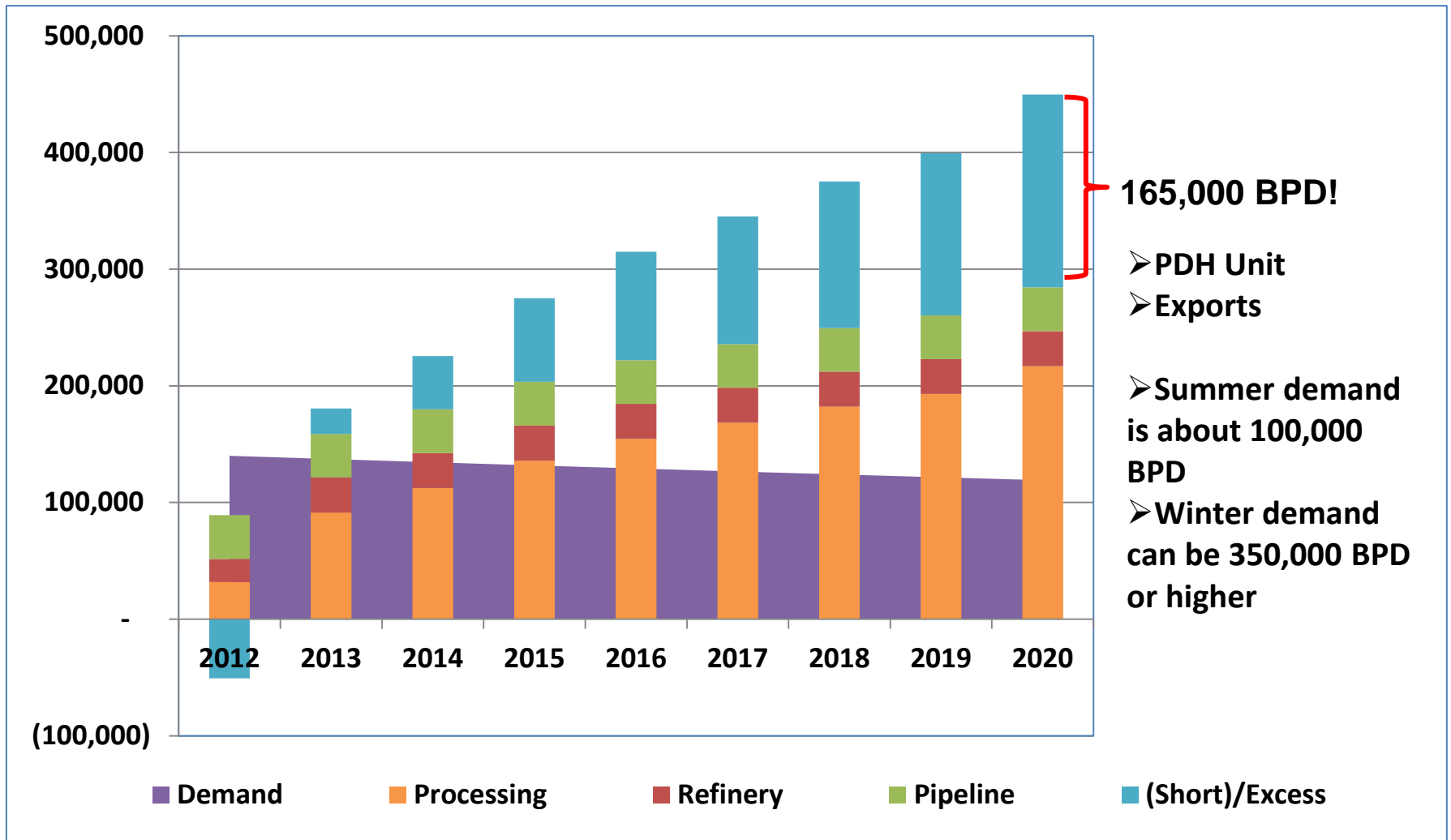


Propane Production



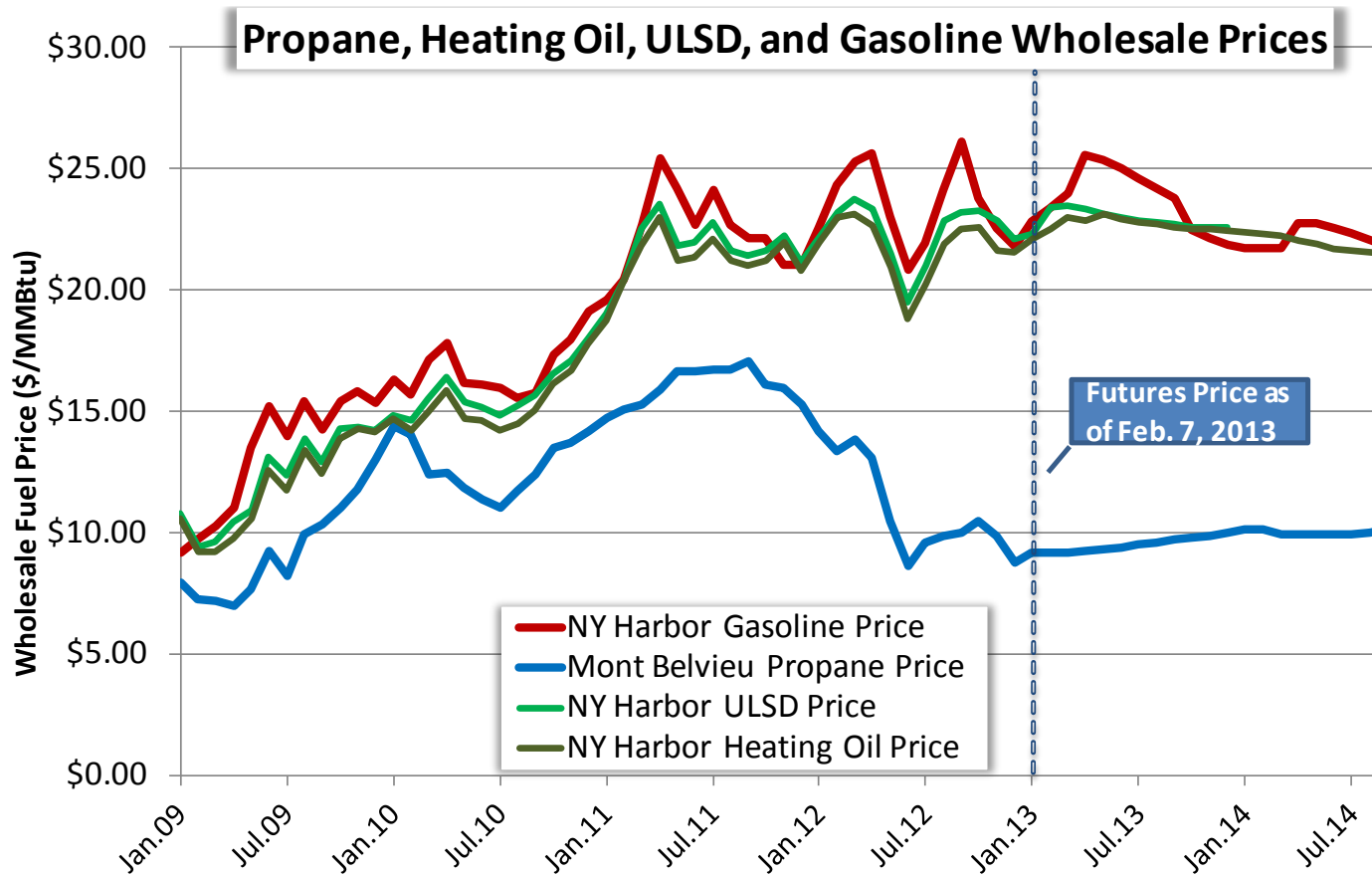
(*Revisions to DOE data on imports resulted in an increase in 2011 and 2012 imports of about 60 million gallons per month)

Propane Supply/Demand in NE (BPD)





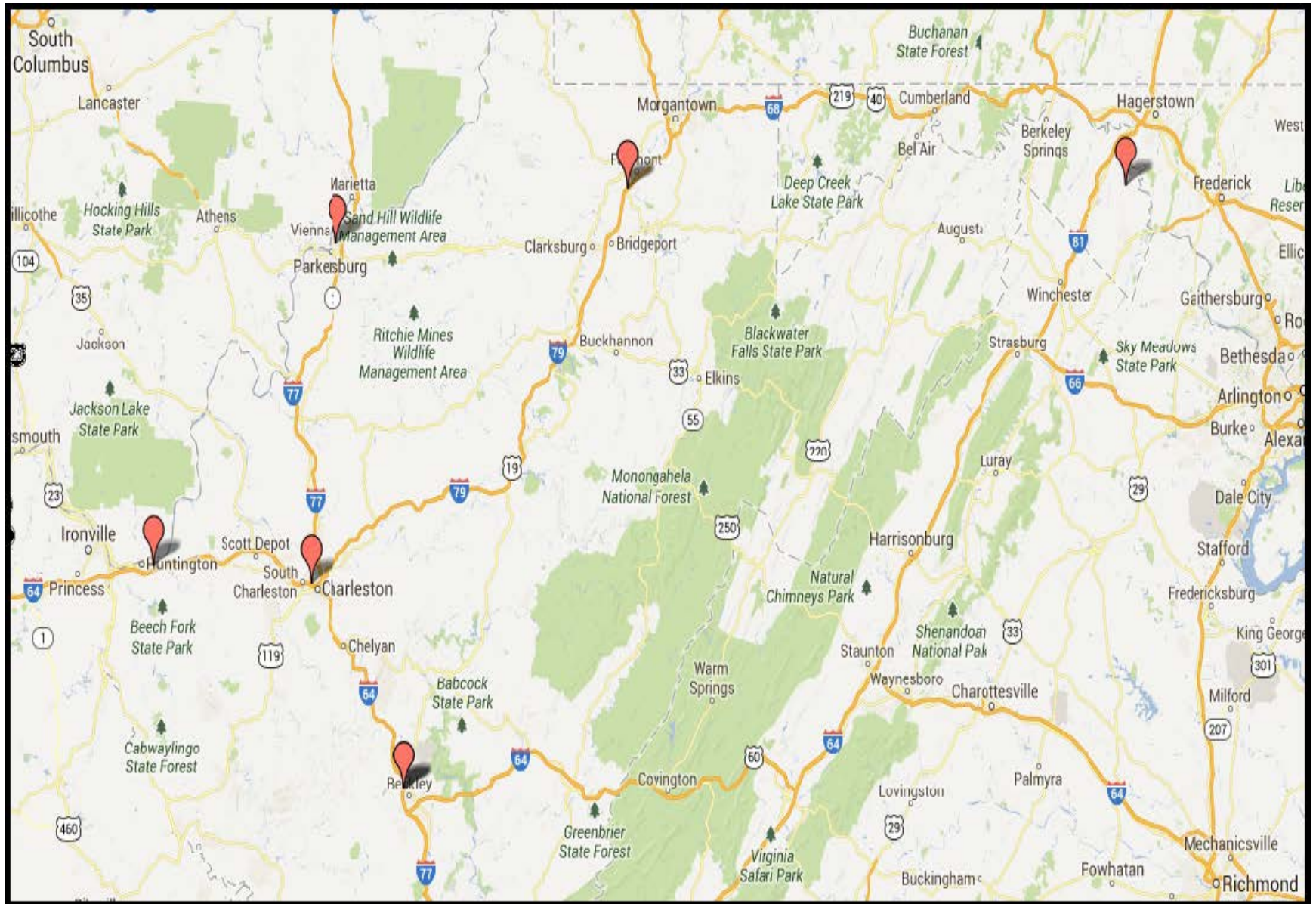
Price Stability





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

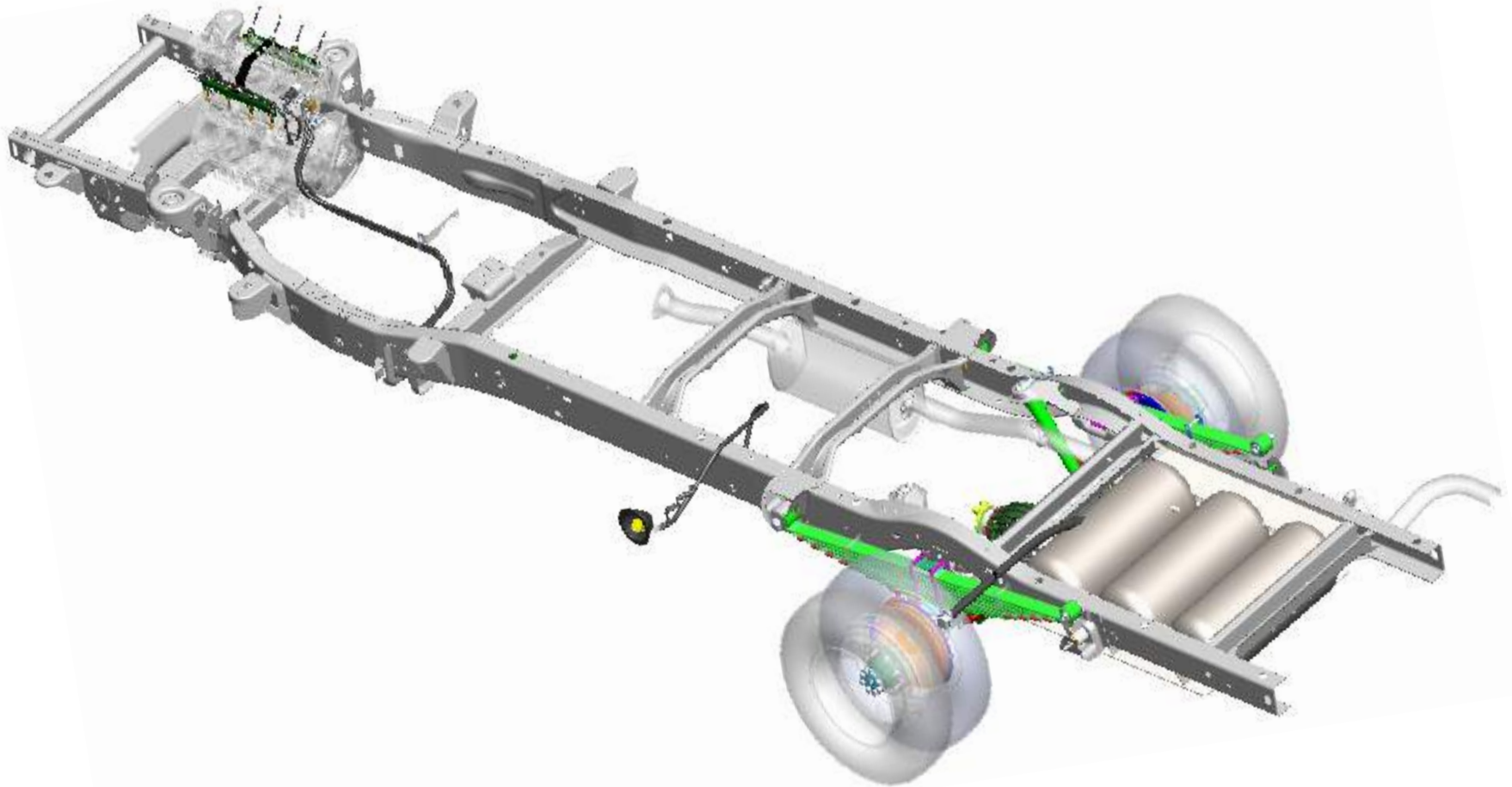
- **Charleston/Kanawha County – 6 Bi-fuel; 1 Diesel Propane Blend System**
- **Beckley – 6 Bi-fuel; 1 Diesel Propane Blend System**
- **Martinsburg – 4 Bi-fuel; 1 Diesel Propane Blend System**



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



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