



Natural Gas Really IS a Big Deal in Washington (And in the Region and North America)

Washington Clean Technology Alliance



Puget Sound Energy LNG

Clean transportation for the next generation

May 15, 2013

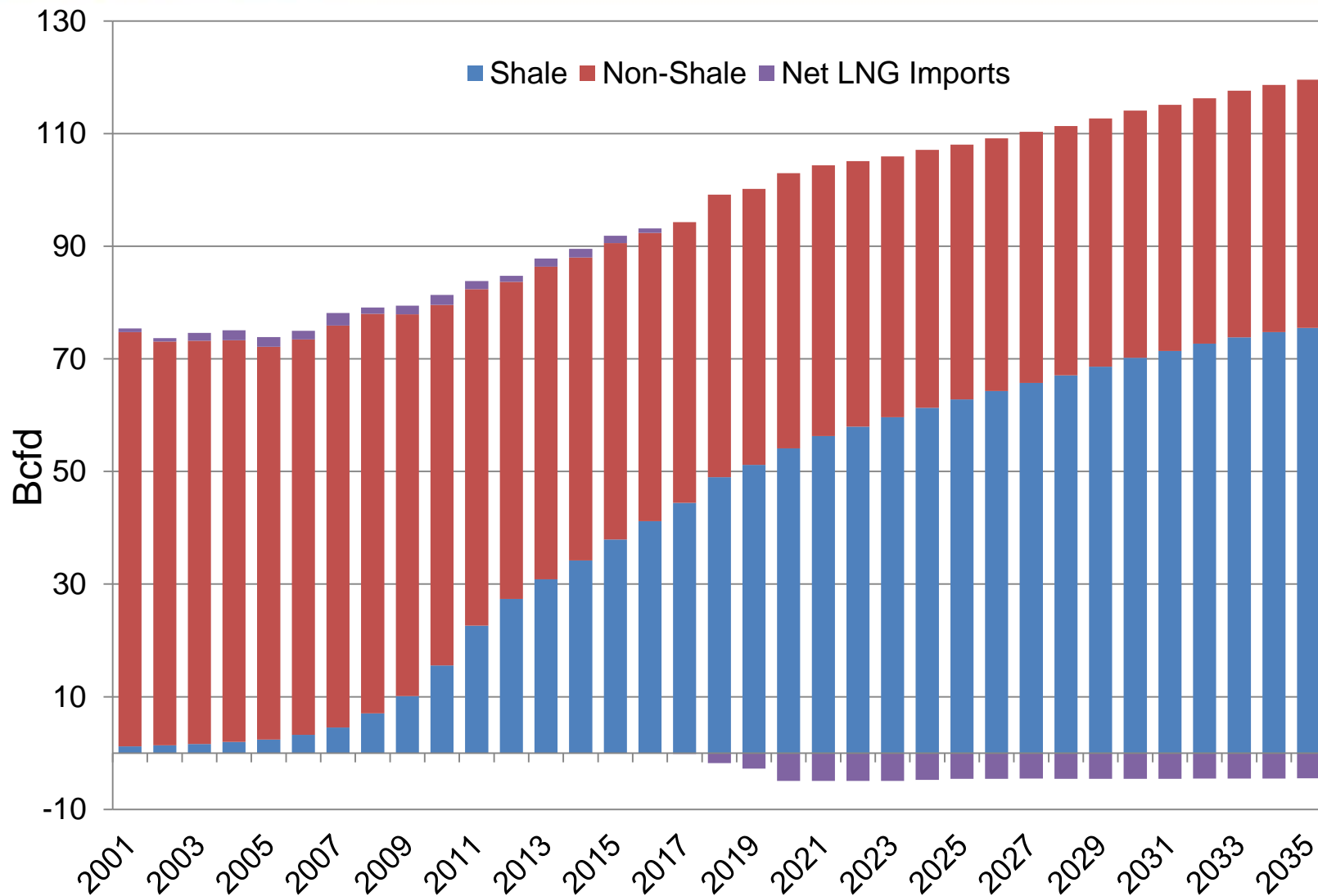


Shale Gas – Profound Impact



Source: Energy Information Administration (EIA), dated May 9, 2011

Shale Leads North American Production Growth

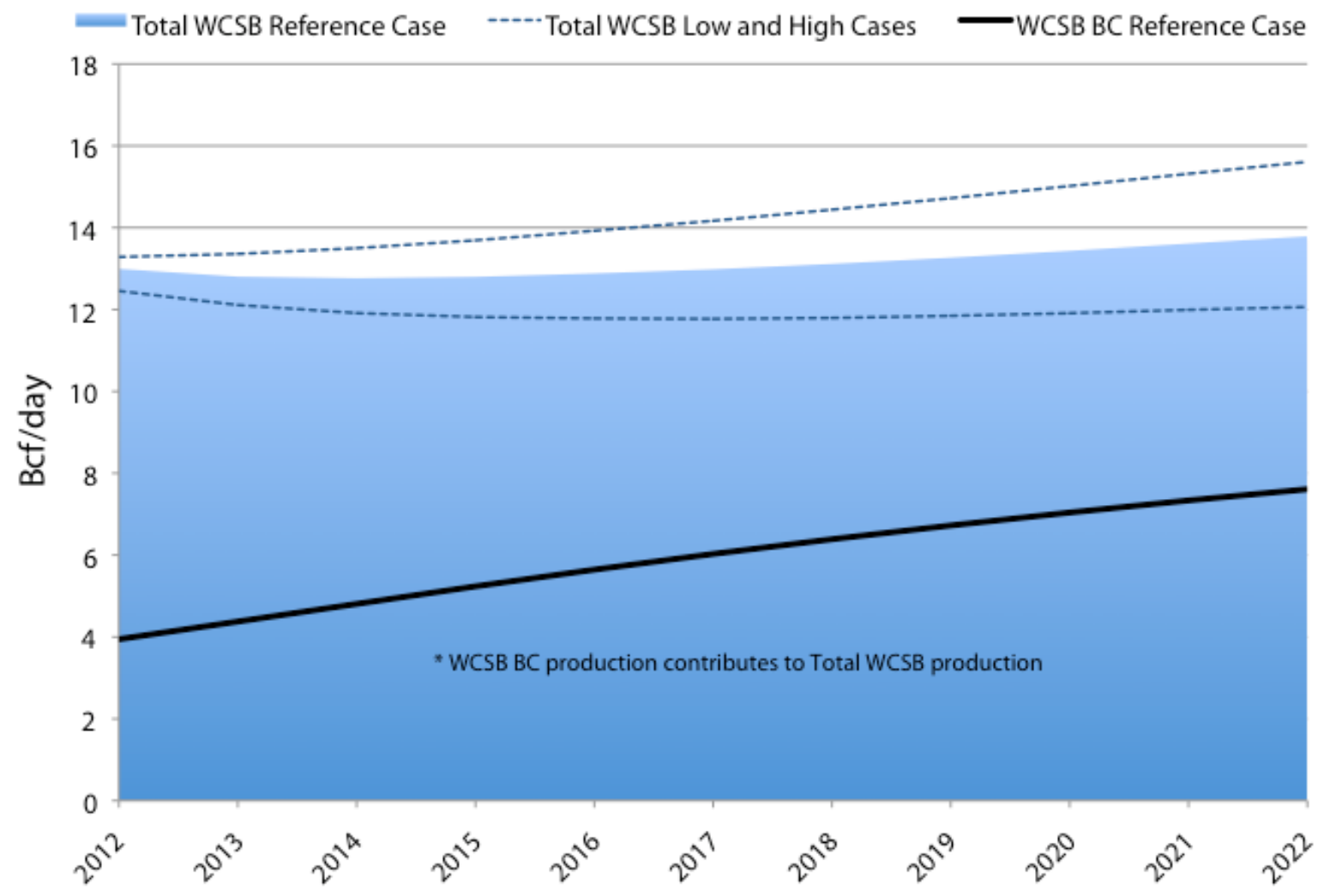


Source: Navigant Consulting, *Fall 2012 Gas Market Outlook*

Courtesy of the NWGA



Western Canadian Sedimentary Basin Production Forecast



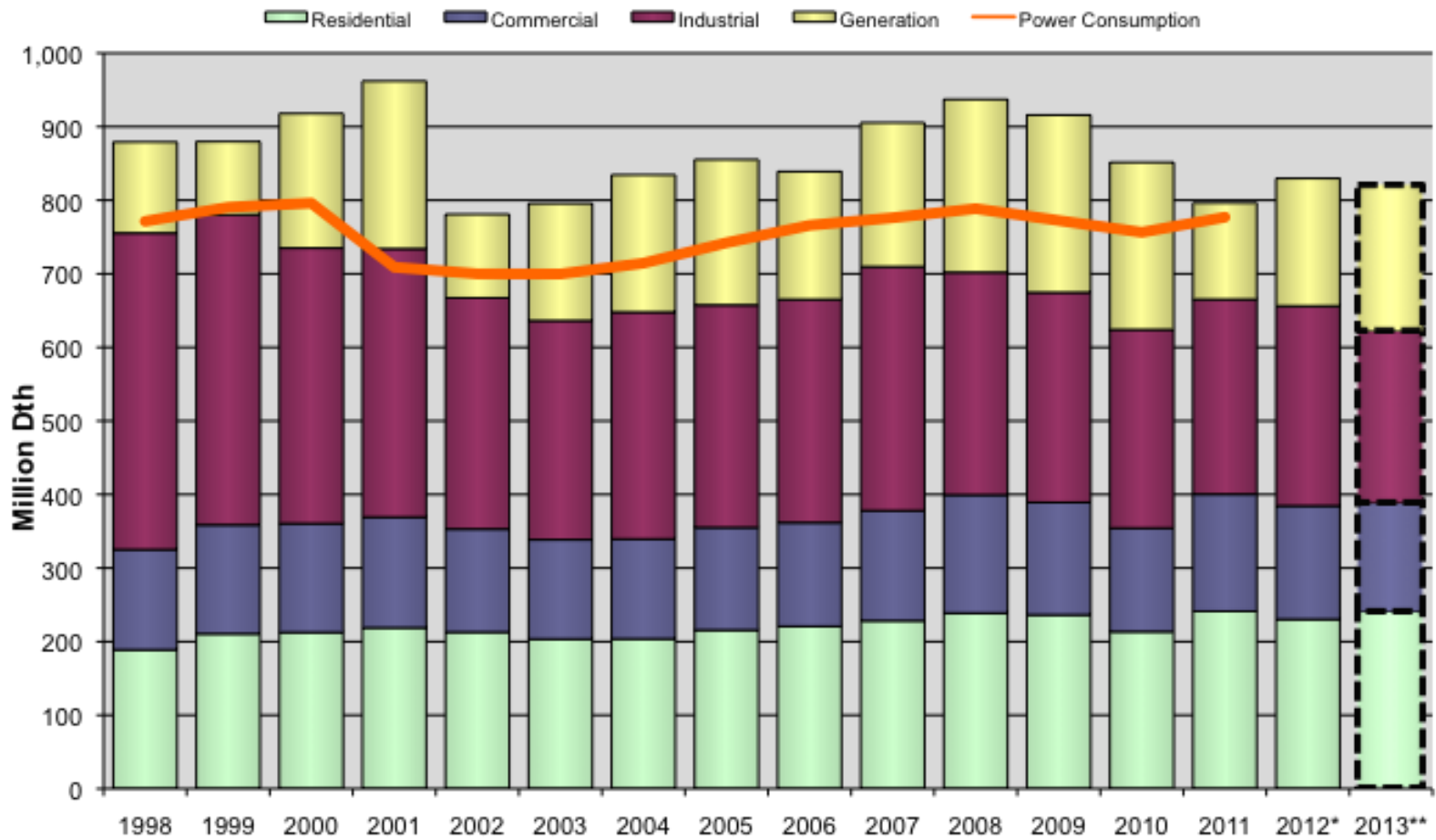
Source: Canada National Energy Board

Courtesy of the NWGA



Recent Gas Demand

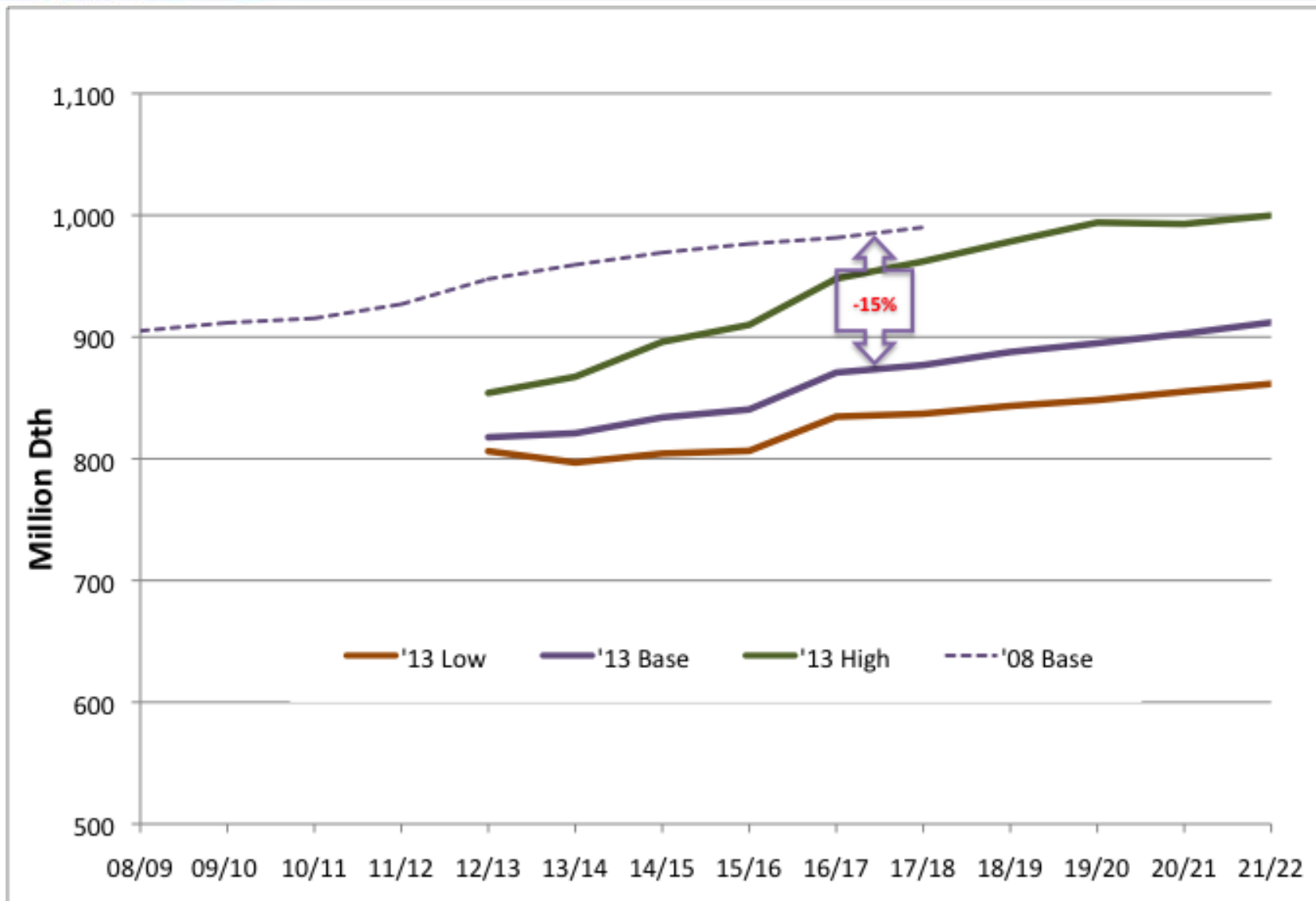
PNW Gas Deliveries (source: US EIA, StatCan, 2013 Outlook)



* Estimated US: December, Canada: Q4
** 2012-2013 Forecast



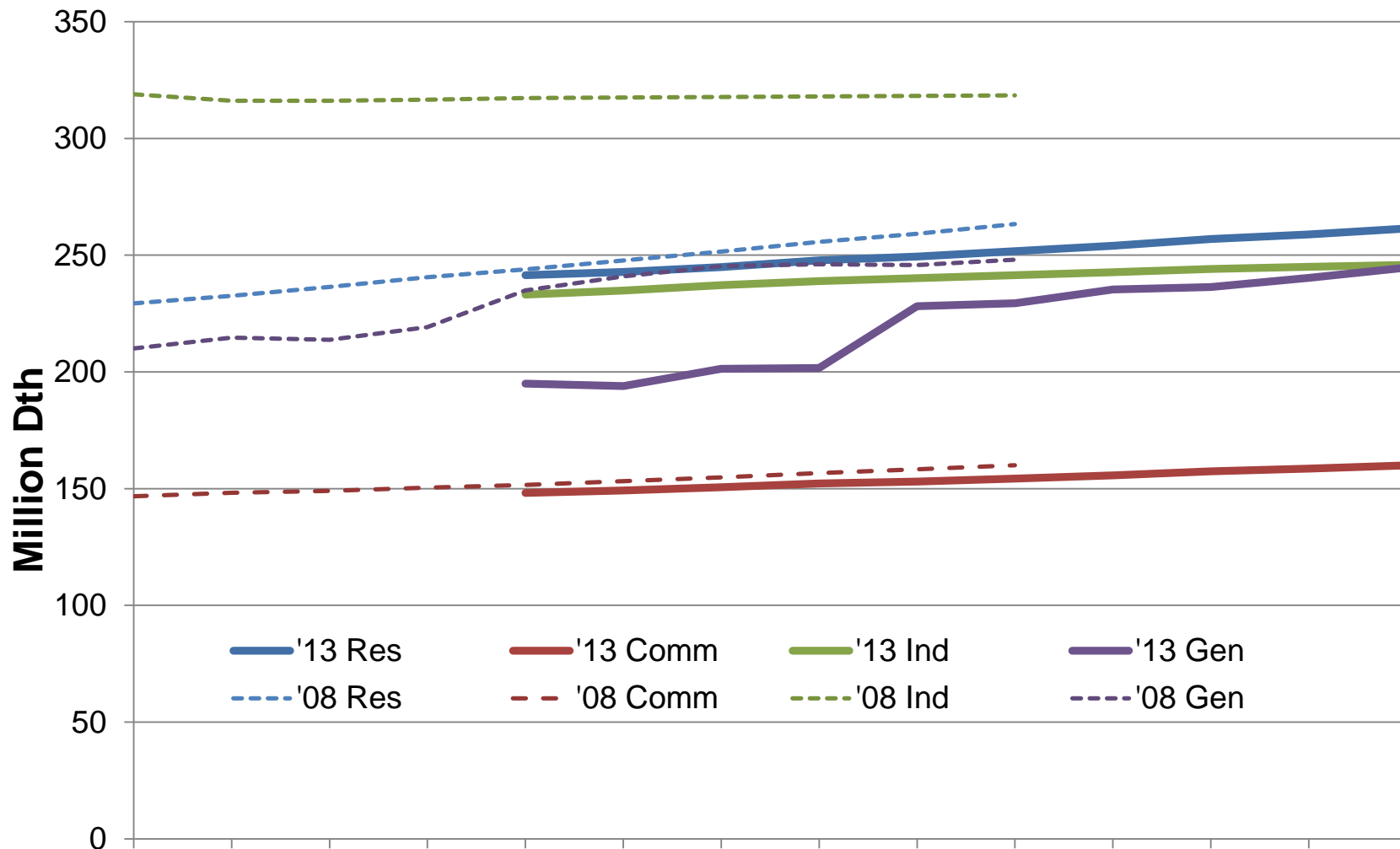
2013 Outlook Demand Forecast





Forecast Comparison by End Use

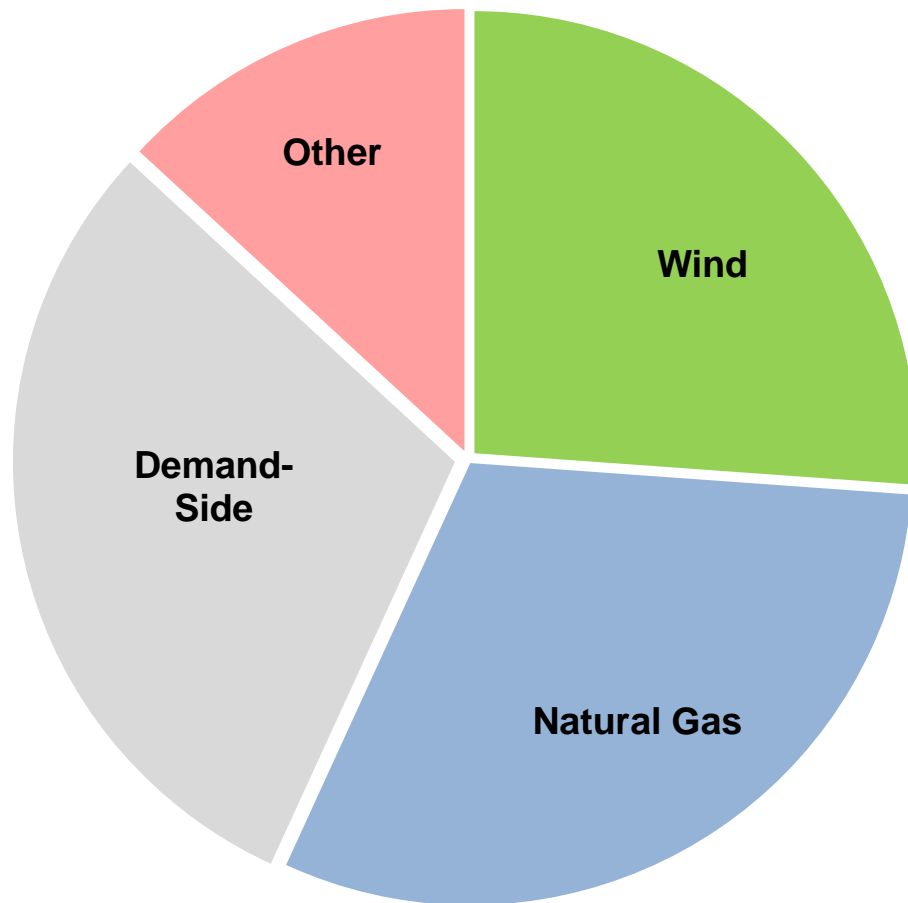
Base Case





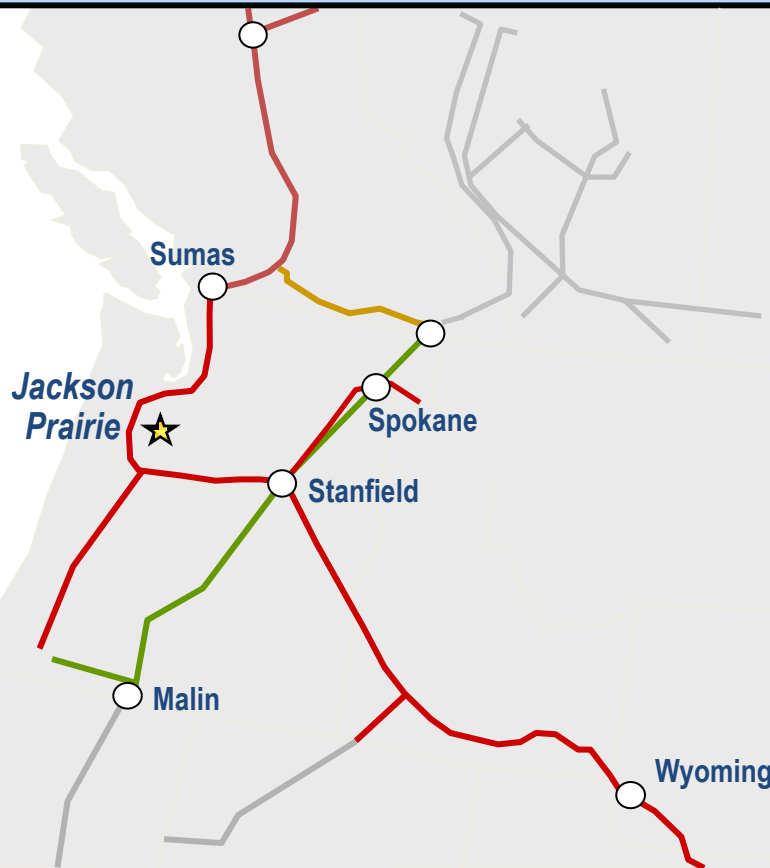
Major Part of PNW's Energy Future

8,300 MW Planned Capacity Additions



Largest Natural Gas Resource Portfolio in the Pacific Northwest

PSE controls approximately 25% of the region's natural gas supply resources to serve its 760,000 gas customers and gas-fired generating resources – 1.3 million MMBtu/day



PSE operates/co-owns Jackson Prairie, the PNW's largest gas-storage facility, providing 25% of the region's peak-day gas demand.

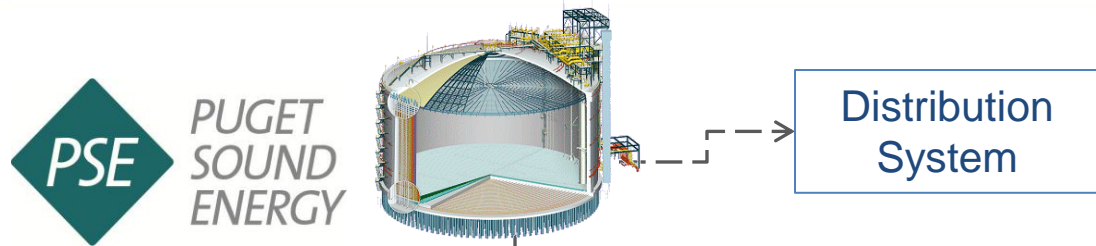
- **Development and construction of a small-scale processing and fueling facility using natural gas as a clean fuel alternative**
- **Will serve vessels and trucks fueled by liquefied natural gas**
- **Serving Regional Markets:**
 - ECA compliant fuels for shipping companies
 - Fuels for regional marine market
 - Low cost cleaner fuel for LNG trucks
 - Provide additional peaking capacity to PSE's natural gas distribution system





PSE LNG Business Model

Owner



Customers



Growth

