

House Environment and Energy Committee  
Energy Overview  
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NW Natural  
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Natural Gas Supply:

Shale Gas

Approximately 100 years supply

US Interstate Pipeline System:

Heavily built out in the Midwest, Gulf and East around production sites

Willamette Valley is one of the few metropolitan areas served by only one pipeline

Oregon:

Three transmission companies transport natural gas from Rockies, Northern British Columbia & Northern Alberta

Northwest Pipeline / Williams Pipeline – Roger Martin

TransCanada – CFM, Dan Jarman & Ellen Miller

Ruby Pipeline – Tonkon Torp, Drew Haggdorn

Three natural gas distribution companies:

Natural Gas is optional, a fuel of choice. Primarily in built out communities.

Avista – Jim Anderson

Southern Oregon (Klamath Falls, Medford, & Roseburg)

Eastern Oregon (LaGrande)

Cascade – Gallatin Public Affairs, Greg Peden & Kelsey Wilson

Central Oregon

Boardman/Pendleton

Ontario

NW Natural – Gary Bauer & Bruce Anderson

Portland Metro

Willamette Valley

Coast

Gorge

Natural Gas storage:

Mist – Underground storage facility

Gasco – LNG storage in Portland

Newport – LNG storage in Newport

Gill Ranch – Underground storage in Fresno

Rates:

Consist of the commodity price, expenses and investments

Natural gas utilities do mark up the price of gas

Receive recovery of expenses: labor, trucks, etc.

Utilities make their profit by investing capital in their systems

Energy Efficiency Programs

Avista – Operates own programs

NW Natural & Cascade – ETO

NW Natural is decoupled, breaking the link between gas sales and revenue.

Next step would be incenting utilities to invest in energy efficiency

Clean Resource:

50% fewer GHG emissions than coal

Up to 30% fewer GHG emissions than oil, significantly fewer particulates and NOX emissions

Supports Renewable Energy Generating Facilities

Opportunities

Direct Use

Transportation – Natural gas vehicles (CNG LNG), Marine and Rail

Combined Heat and Power