New York State Energy Planning Board

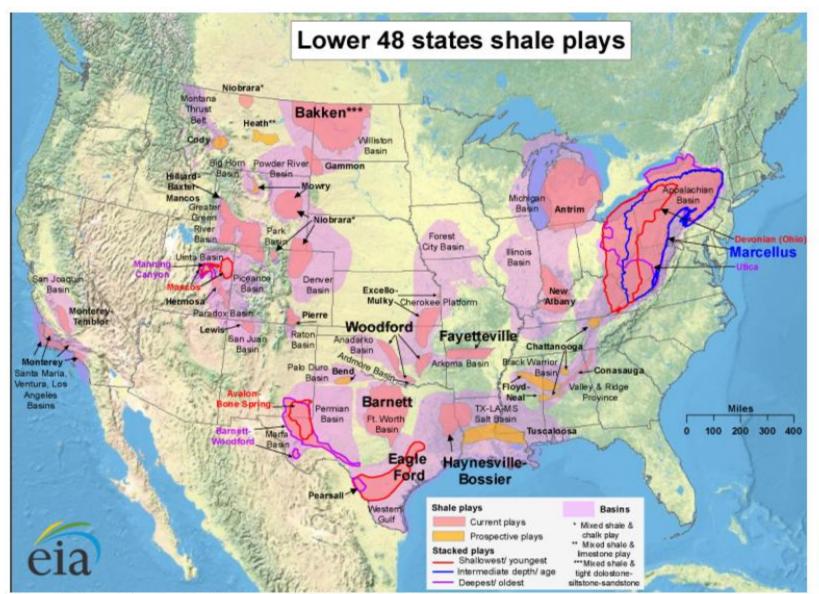
U.S. Natural Gas Production: A Resource Assessment and NYS Market Impact

Charles M. Wesley Program Manager, NYSERDA

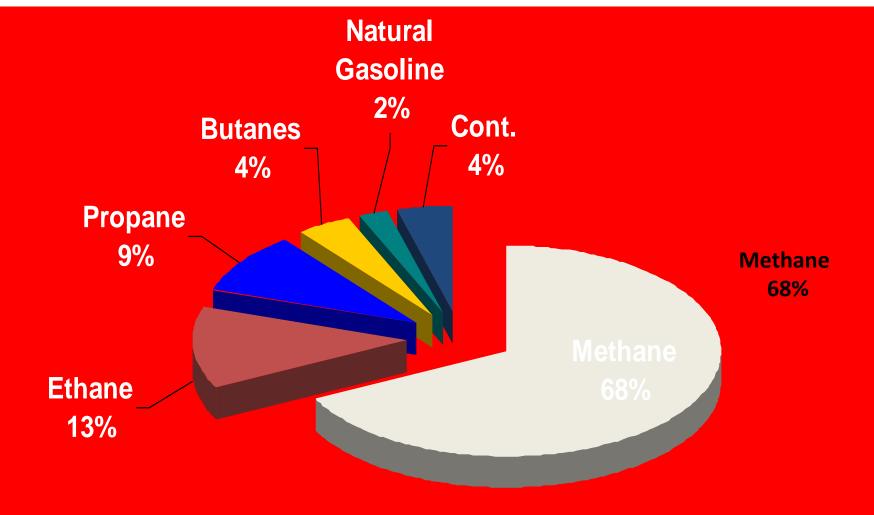
April 2, 2012

Presentation Overview

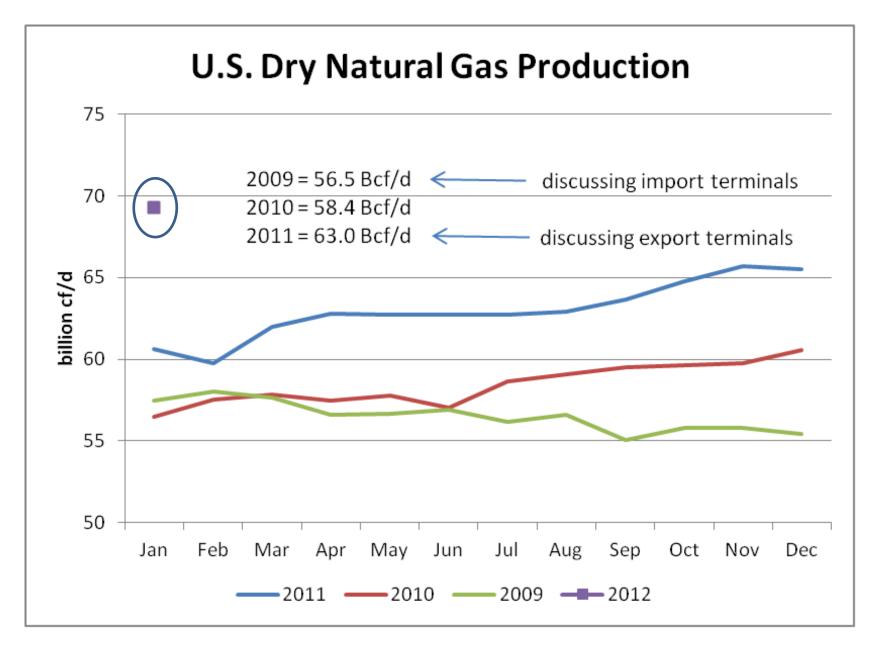
- Natural Gas Resource Basins
- Dry Gas & Natural Gas Liquids (NGLs)
- Prices
 - EIA Average Annual Outlook
 - Henry Hub Spot Price
 - NY Citygate Prices
 - Winter Demand Price Impacts
- Northeast Pipeline Expansion Projects



Source U.S. Energy Information Administration based on data from various published studies. Upeate: May 9, 2011

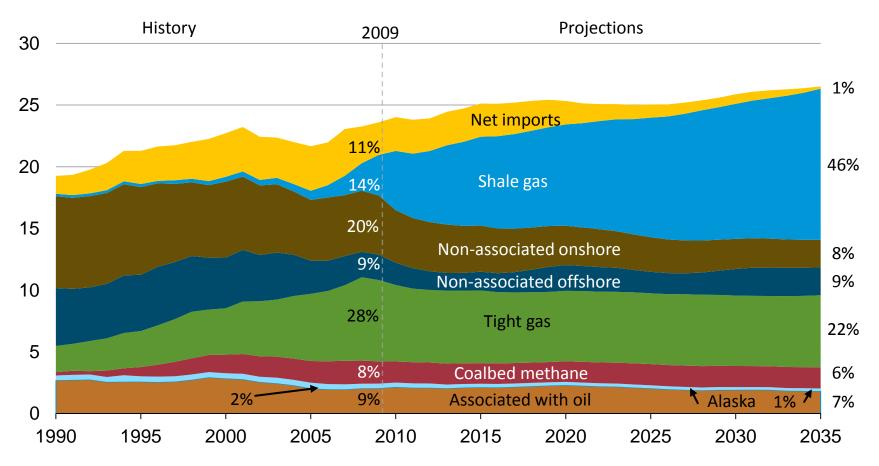


TYPICAL UNPROCESSED GAS



Shale gas offsets declines in other U.S. supply to meet consumption growth and lower import needs

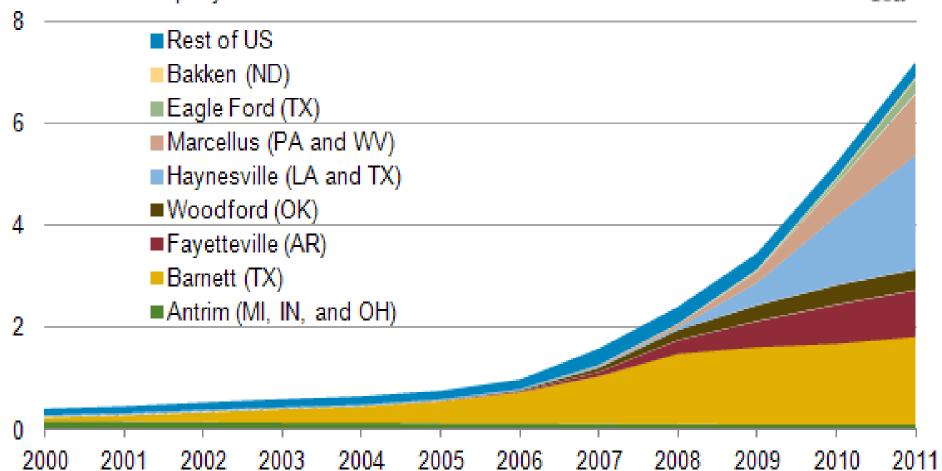
U.S. dry gas trillion cubic feet per year

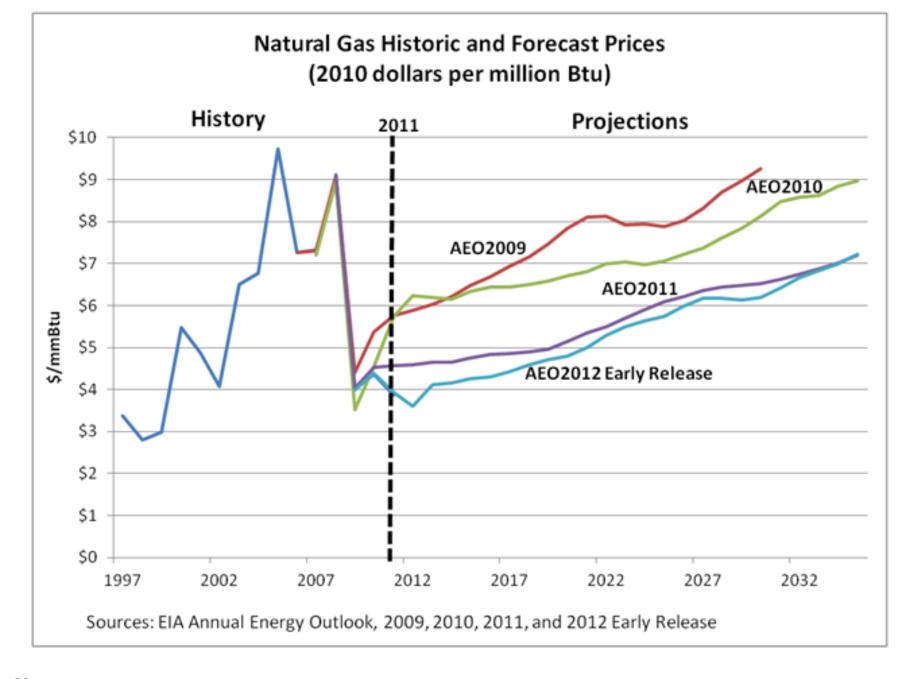


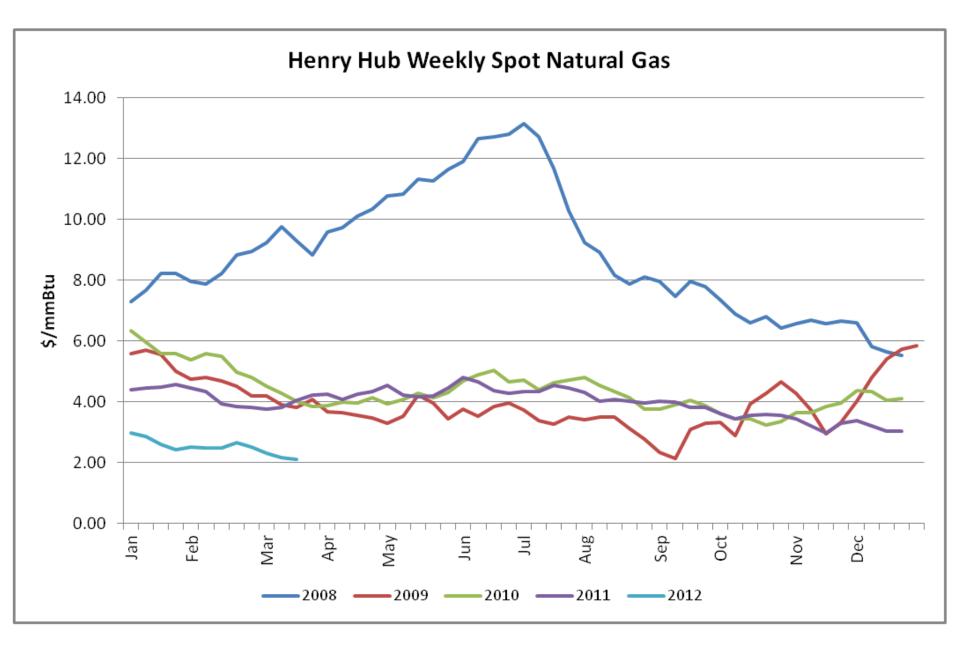
Source: EIA, Annual Energy Outlook 2011

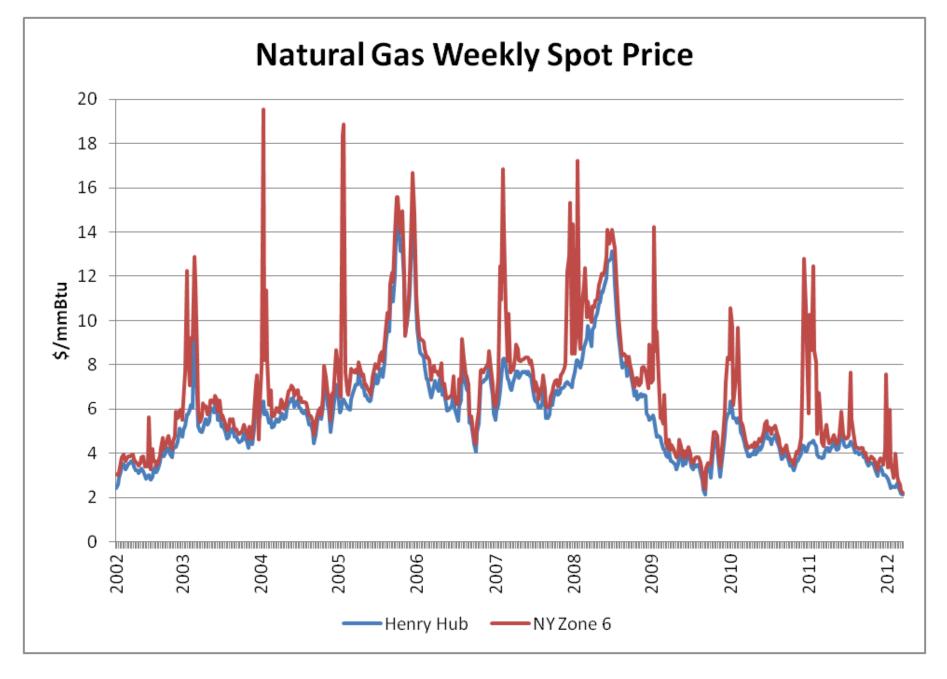
Estimated annual U.S. dry shale natural gas production, 2000-2011 trillion cubic feet per year

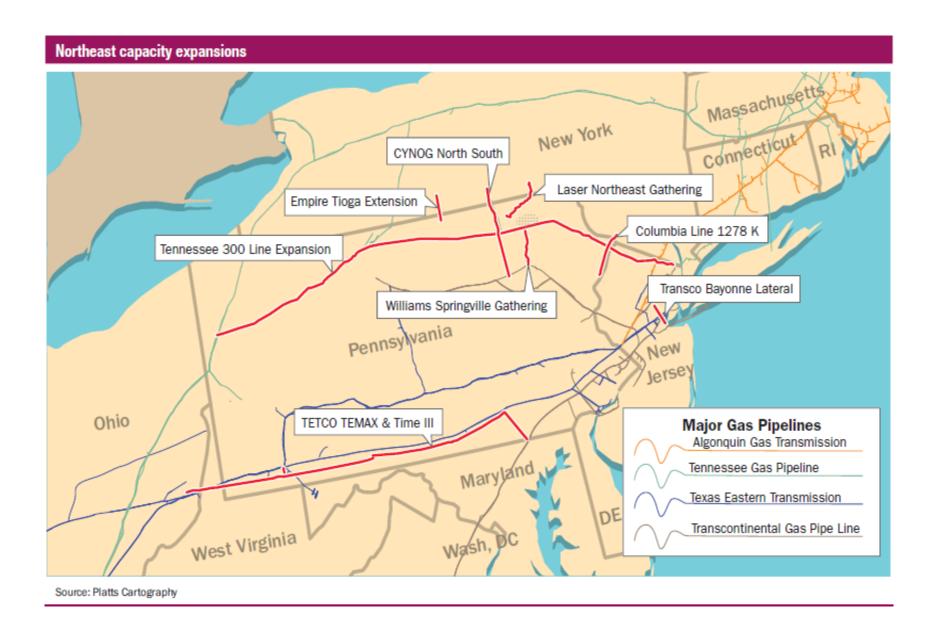












New Jersey – New York Expansion Project

Purpose:

 Extends Texas Eastern reach farther into New Jersey and into New York City for the first time

Project Scope:

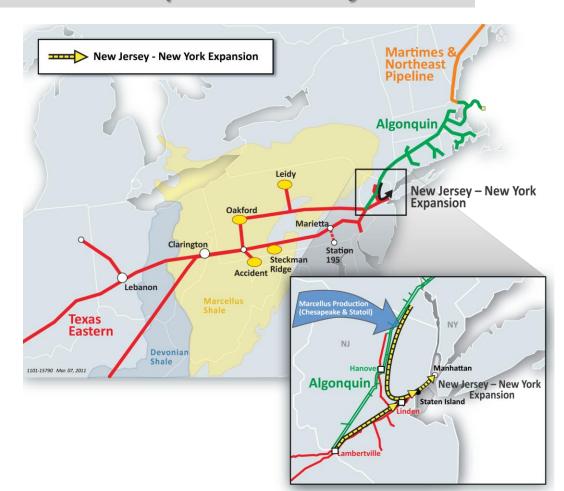
- 800 MMcf/d expansion connecting Northeastern PA Marcellus supplies with a new delivery point in Manhattan
- CapEx: ~\$1.2 billion

Customers:

- Chesapeake Energy (20 years)
- Consolidated Edison (15 years)
- Statoil Natural Gas (20 years)

Project Status:

- Filed FERC application Dec 2010
- In-Service: 2H13

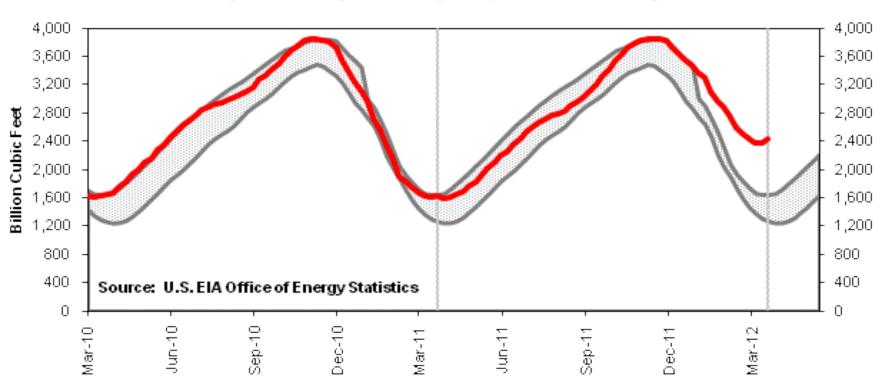


Facilities:

- 15.9 miles of new 30" pipe extending from Staten Island to Manhattan, NY
- Replacement of approximately 5 miles of pipe with 42" pipe on Texas Eastern

Natural Gas Storage Volumes

Working Gas in Underground Storage Compared with 5-Year Range



Questions and Discussion