

# Governor Tomblin's Energy Summit

## Moundsville Power Overview

October 24, 2014

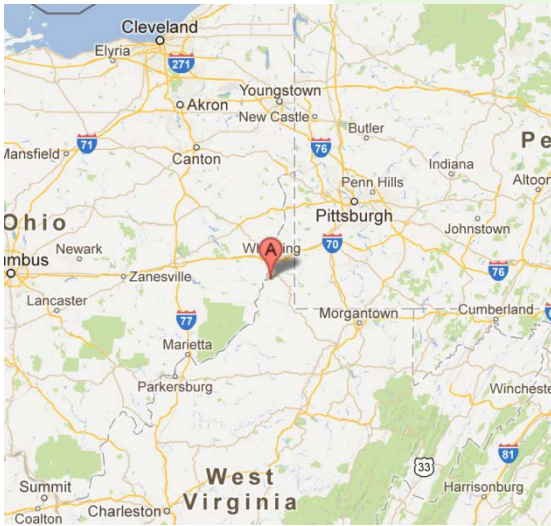
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# Project Overview

## Natural Gas Power Plant



- Building a 549 MW Power Plant
- Merchant plant selling wholesale electricity directly to the PJM grid
- Gas fired combined cycle plant
- 2x1 Configuration with 2 combustion turbines & 1 steam turbine
- Highly efficient GE turbines & power island
- PJM grid is becoming constrained due to coal plant closures
- Need for new generation to assure the reliability of the PJM grid
- Covert abundant WV natural gas to electricity



# Project Overview

## Site Strategic Advantages



- Moundsville, WV
- Long existing heavy industry site
- Easy access to high pressure gas
- Close proximity to AEP transmission lines
- Abundant water from Ohio River
- Easy heavy haul access to site



[www.Moundsville-Power.com](http://www.Moundsville-Power.com)

# Economic Impact

## Supporting the WV Economy

- **Substantial Impact on Local Economy & Employment**

- **During Construction**

- Project will create 1,344 jobs during construction
    - Over 1 Million craft worker hours
    - \$55.4 Million in wages for workers
    - \$9.9 Million in state tax revenue

- **Annually**

- \$114.7 Million in sales
    - \$42.8 Million in compensation
    - \$3.7 Million in state taxes
    - \$1 Million in real estate taxes

- **Status:**

- On schedule to start construction in late 2015
  - Received a draft Air Permit
  - Working closely with WV PSC on Sitting Certificate
  - Expect to close financing concurrent with issuance of Sitting Certificate



## Currently Planned Retirements through 2019



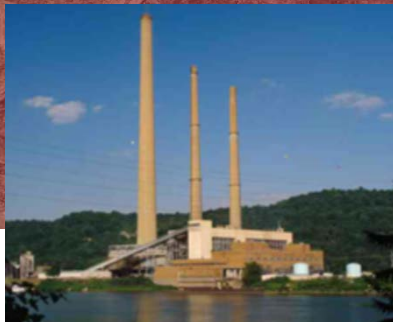
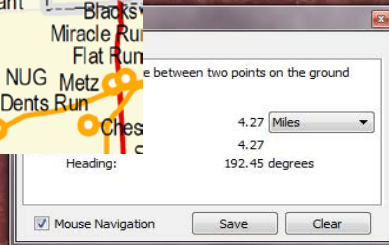
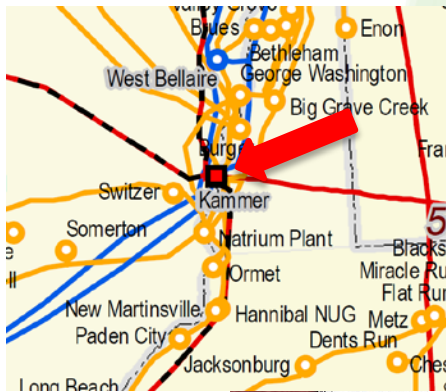
2013 State of the Market Report for PJM. Monitoring Analytics, LLC – Independent Market Monitor for PJM release 3.13.2014

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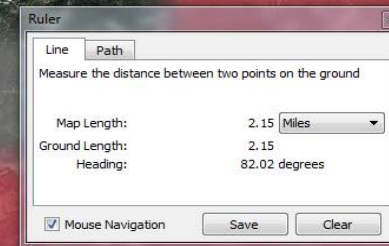
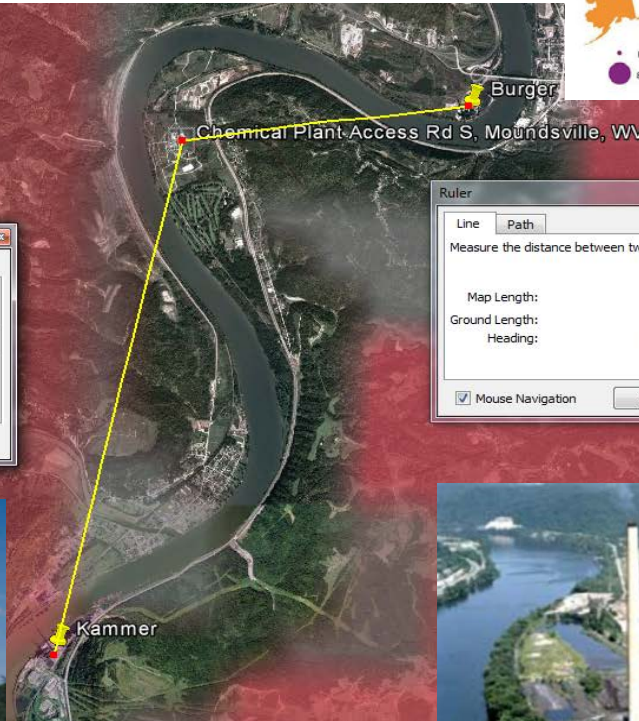


# Transmission Access

Major Coal Retirements within 5 Miles & On-site Access to High Voltage Transmission System



Kammer (713 MW) – Closing by Dec 2014

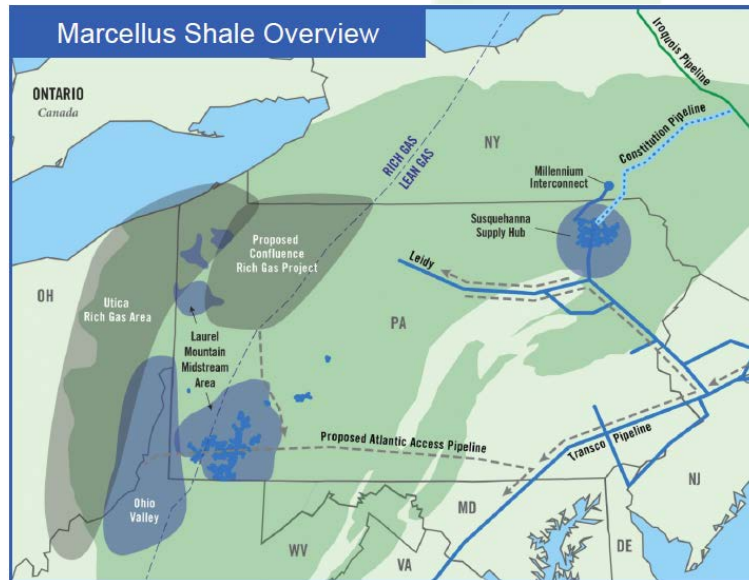


Burger (541 MW) – Closed Dec 2012

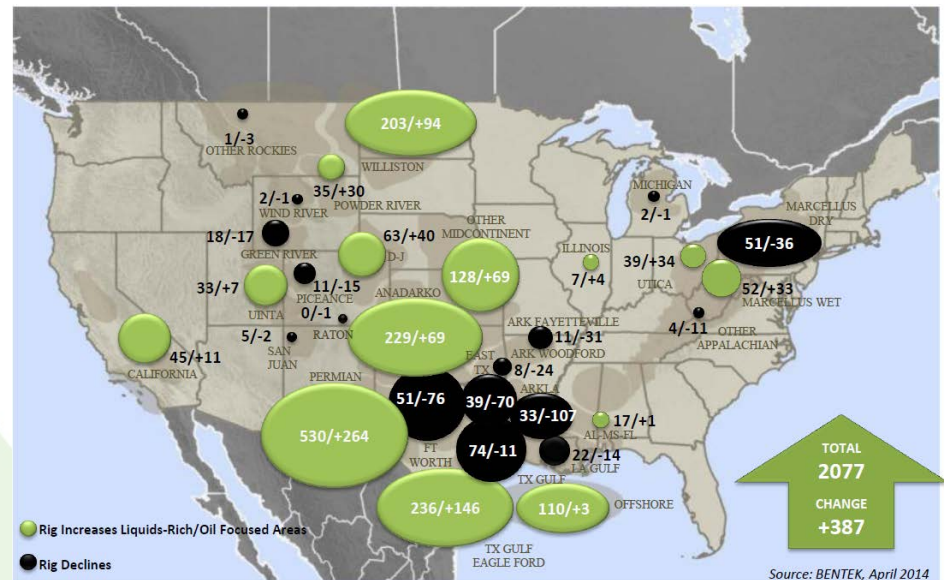


Local Marcellus & Utica Supply – Liquids rich, high returns in low NG price environment

## Rigs Attracted to Liquids Rich & Oily Areas with High Returns



Source: Williams Partners L.P. presentation at Analyst Day May 22, 2012



Active rig count: April 4, 2014 / Change in rig count from April 2, 2010

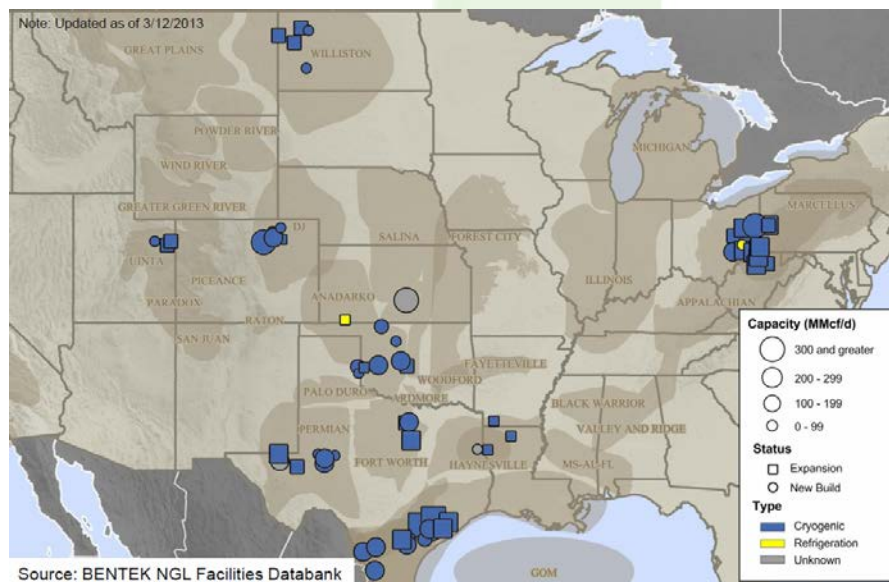




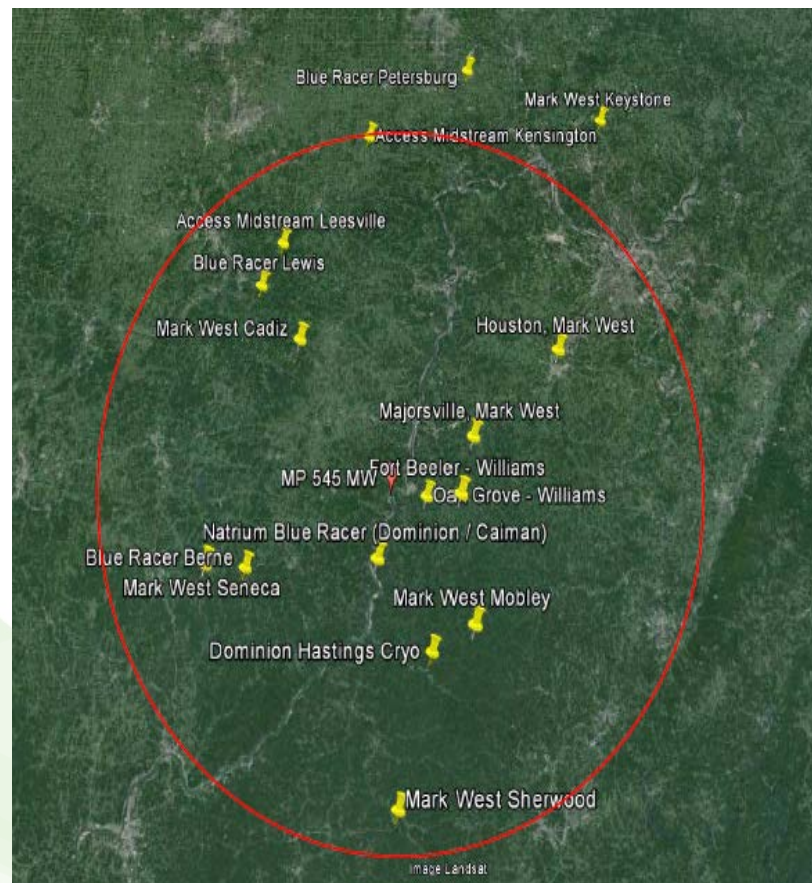
# Fuel Supply Access

Local Marcellus & Utica Supply

**Northeast is Doubling Processing Capacity in the Next Two Years**



**The Major Northeast Processing is within 50 Miles of the Plant Site**

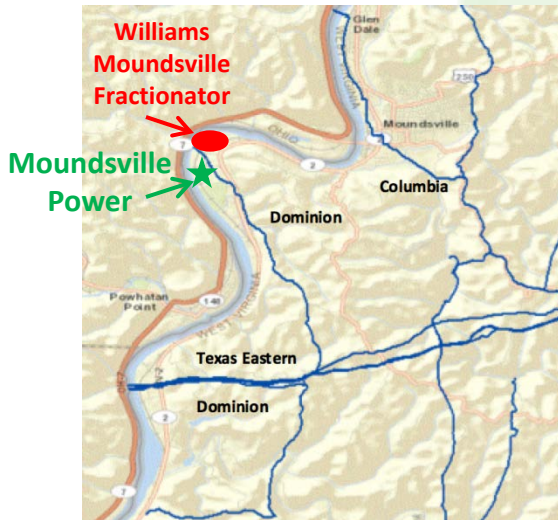




# Fuel Supply Access

Local Marcellus & Utica Supply

Located next to the Williams Moundsville Fractionator



## Access to multiple sources of fuel supply:

- Dominion, Texas Eastern, REX, and Columbia interstate pipelines in close proximity (Close to Clarington Hub).
- The Williams system and multiple Utica and Marcellus gathering systems are also in close proximity to the project.
- The plant will burn 25% ethane. Williams Oak Grove, Blue Racer Natrium, and MarkWest Majorsville are in close proximity as well as an ethane pipeline which connects all of the facilities.



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