



# Williams

## Transcontinental Gas Pipeline System

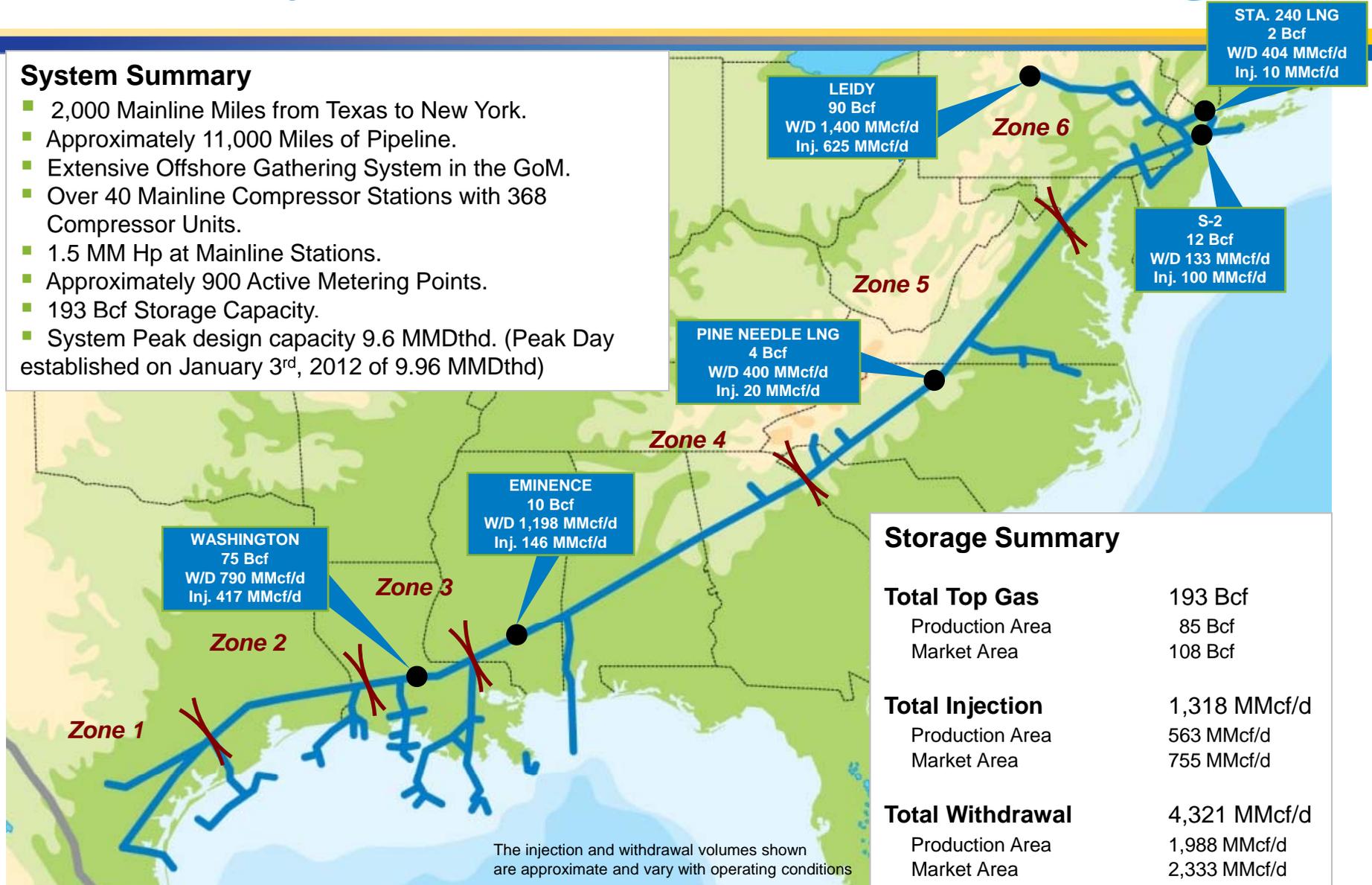
NYISO Presentation  
March 5<sup>th</sup>, 2012

# Transco System Overview



## System Summary

- 2,000 Mainline Miles from Texas to New York.
- Approximately 11,000 Miles of Pipeline.
- Extensive Offshore Gathering System in the GoM.
- Over 40 Mainline Compressor Stations with 368 Compressor Units.
- 1.5 MM Hp at Mainline Stations.
- Approximately 900 Active Metering Points.
- 193 Bcf Storage Capacity.
- System Peak design capacity 9.6 MMDthd. (Peak Day established on January 3<sup>rd</sup>, 2012 of 9.96 MMDthd)

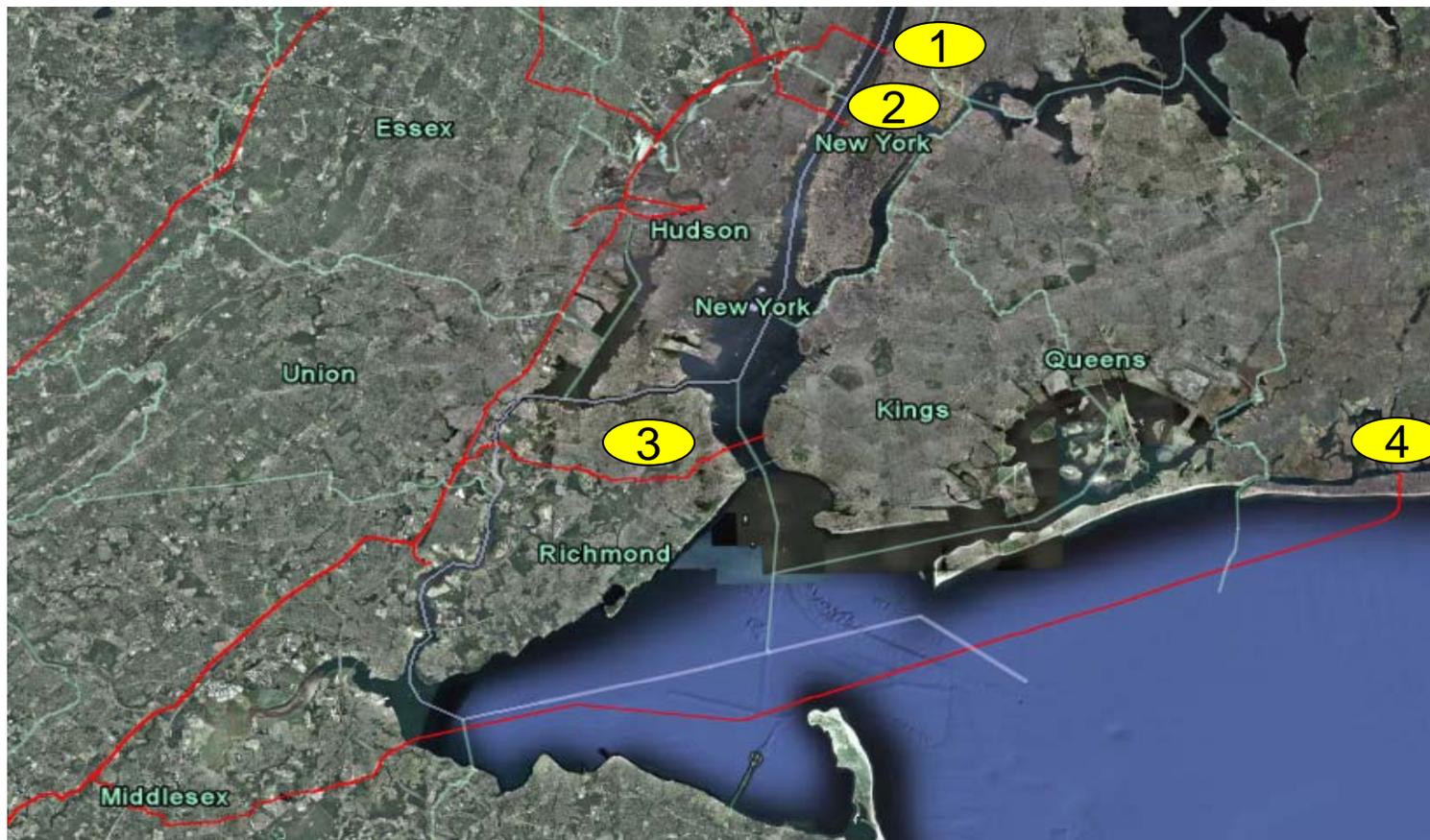


The injection and withdrawal volumes shown are approximate and vary with operating conditions

## Storage Summary

<b>Total Top Gas</b>	193 Bcf
Production Area	85 Bcf
Market Area	108 Bcf
<b>Total Injection</b>	1,318 MMcf/d
Production Area	563 MMcf/d
Market Area	755 MMcf/d
<b>Total Withdrawal</b>	4,321 MMcf/d
Production Area	1,988 MMcf/d
Market Area	2,333 MMcf/d

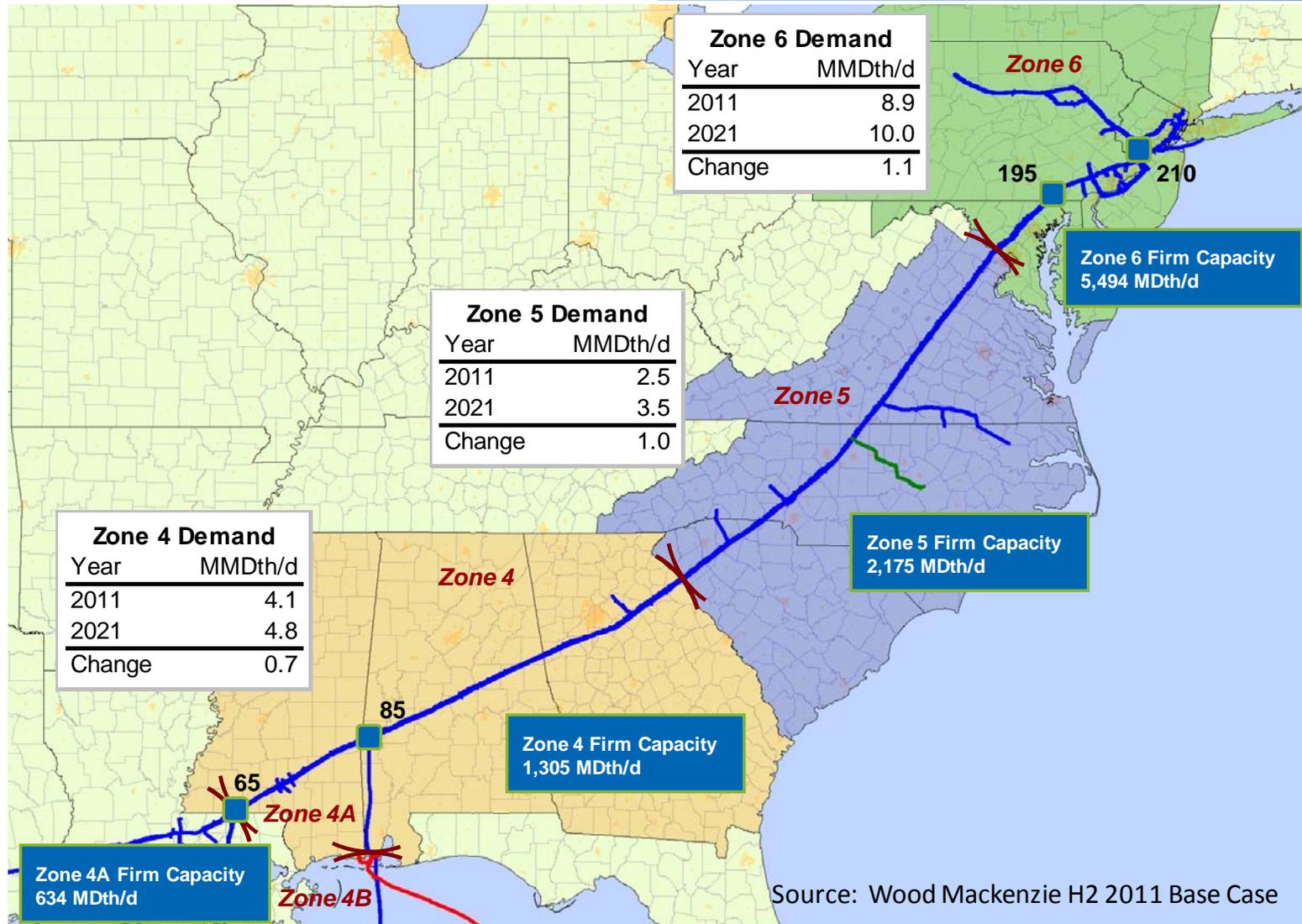
# Transco – New York Delivery Points



1 – 134<sup>th</sup> Street (ConEd)  
2 – Central Manhattan (ConEd)

3 – Narrows (National Grid)  
4 – Long Beach (National Grid)

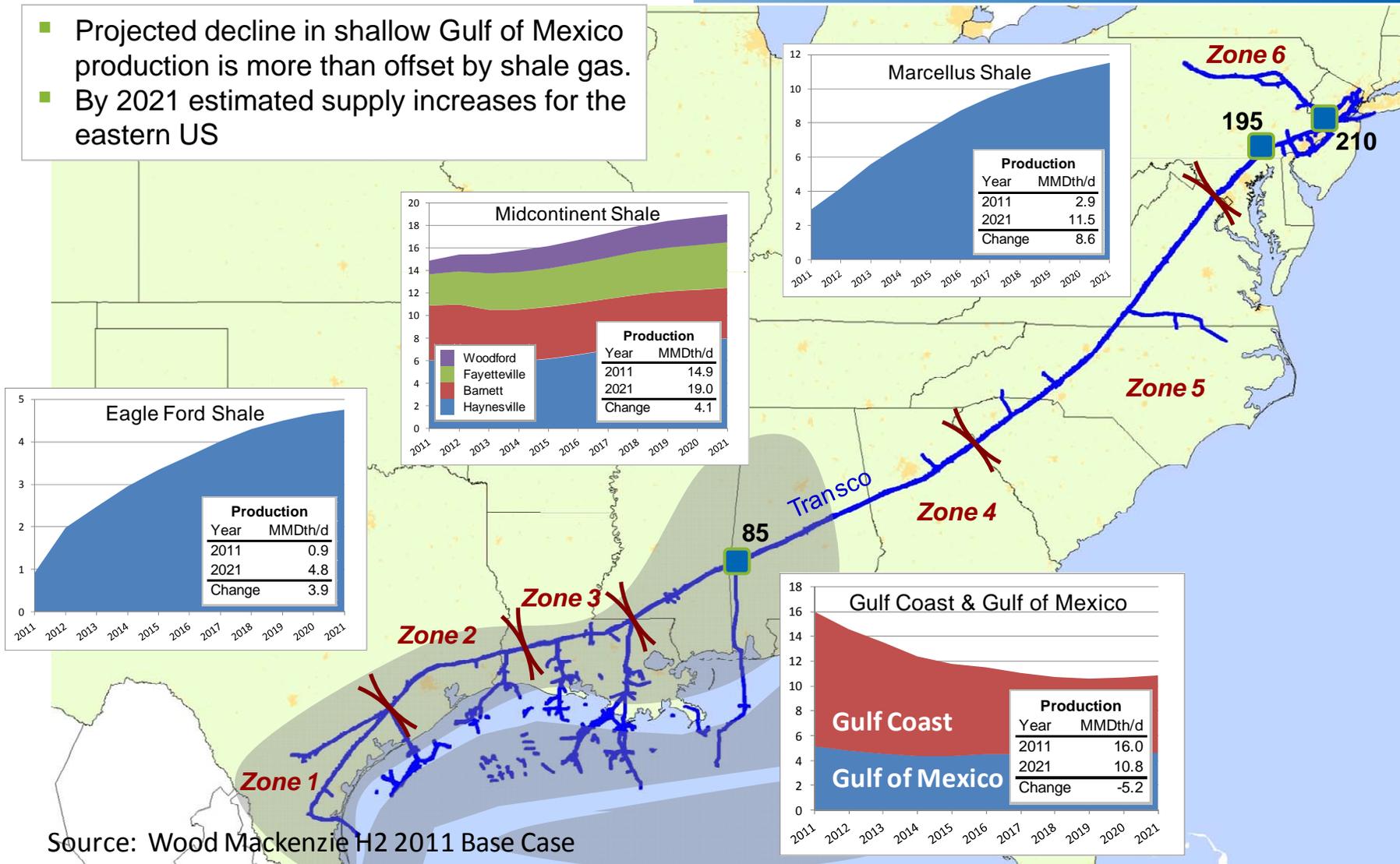
# Demand Growth By Zone



# Emerging Supplies Benefit Transco Shippers

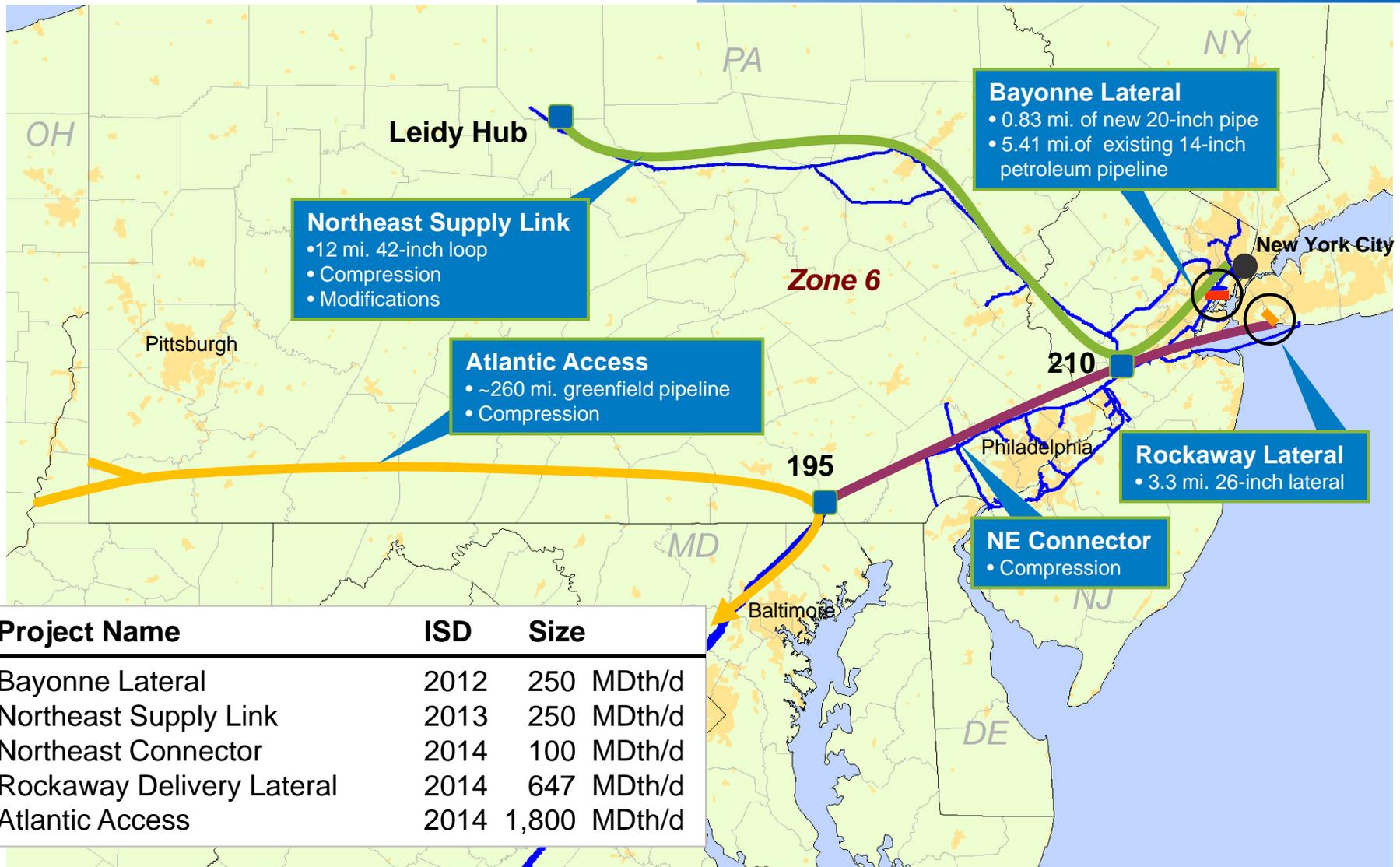


- Projected decline in shallow Gulf of Mexico production is more than offset by shale gas.
- By 2021 estimated supply increases for the eastern US



Source: Wood Mackenzie H2 2011 Base Case

# Northern Market Area Projects



# Scheduling and Nominations on Transco



- > **No Notice Service – All storage and transportation services on Transco are currently no-notice services**
  - Unscheduled no-notice transportation or storage service can be accommodated by delivery point operators providing a PDA and quantity limit value (within the limits of the contract)
  - No additional fees/costs associated with the no-notice aspect of the service
  - Imbalances created can be resolved throughout the month (operations permitting)
  - Cash-out at the end of the month brings finality to the business
- > **Nominations and Scheduling - in addition to the NAESB nomination cycles required by all pipelines, Transco provides:**
  - Post cycle nominations – due by 10:00 a.m. after the end of the gas day to help shippers and point operators reconcile their requirements
  - Retro cycle provides a systematic process to resolve prior day transportation and allocation issues before monthly bills are generated; or for up to 6 months after the production month
- > **Transco's EBB (1Line) undergoes continuous improvement**
  - Have added mobile functionality to confirmations, with mobile noms coming in April for Apple and Android platforms
  - Adding the ability to subscribe to notices without logging into 1Line