

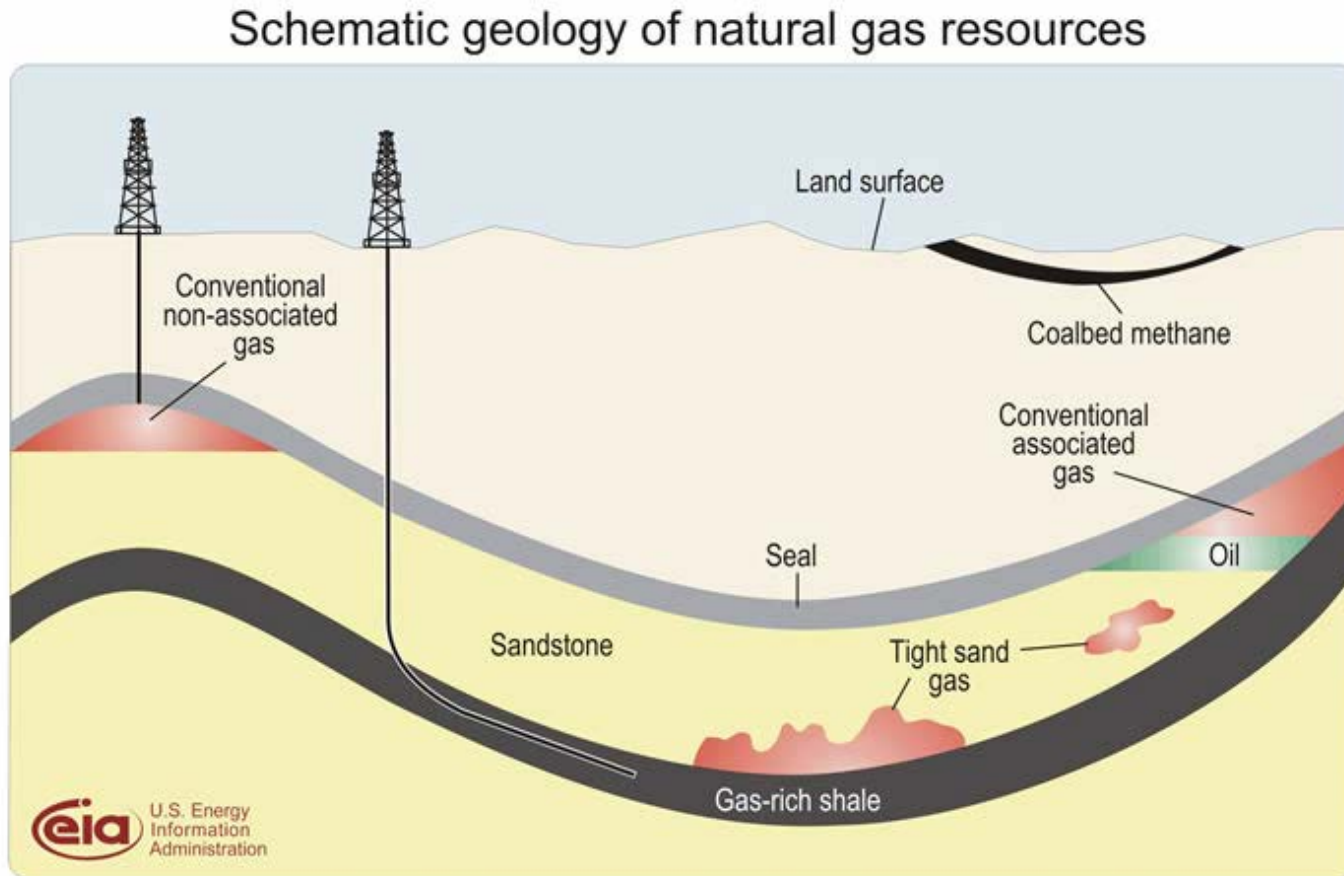
Northeast Supply

North American Shale Resources

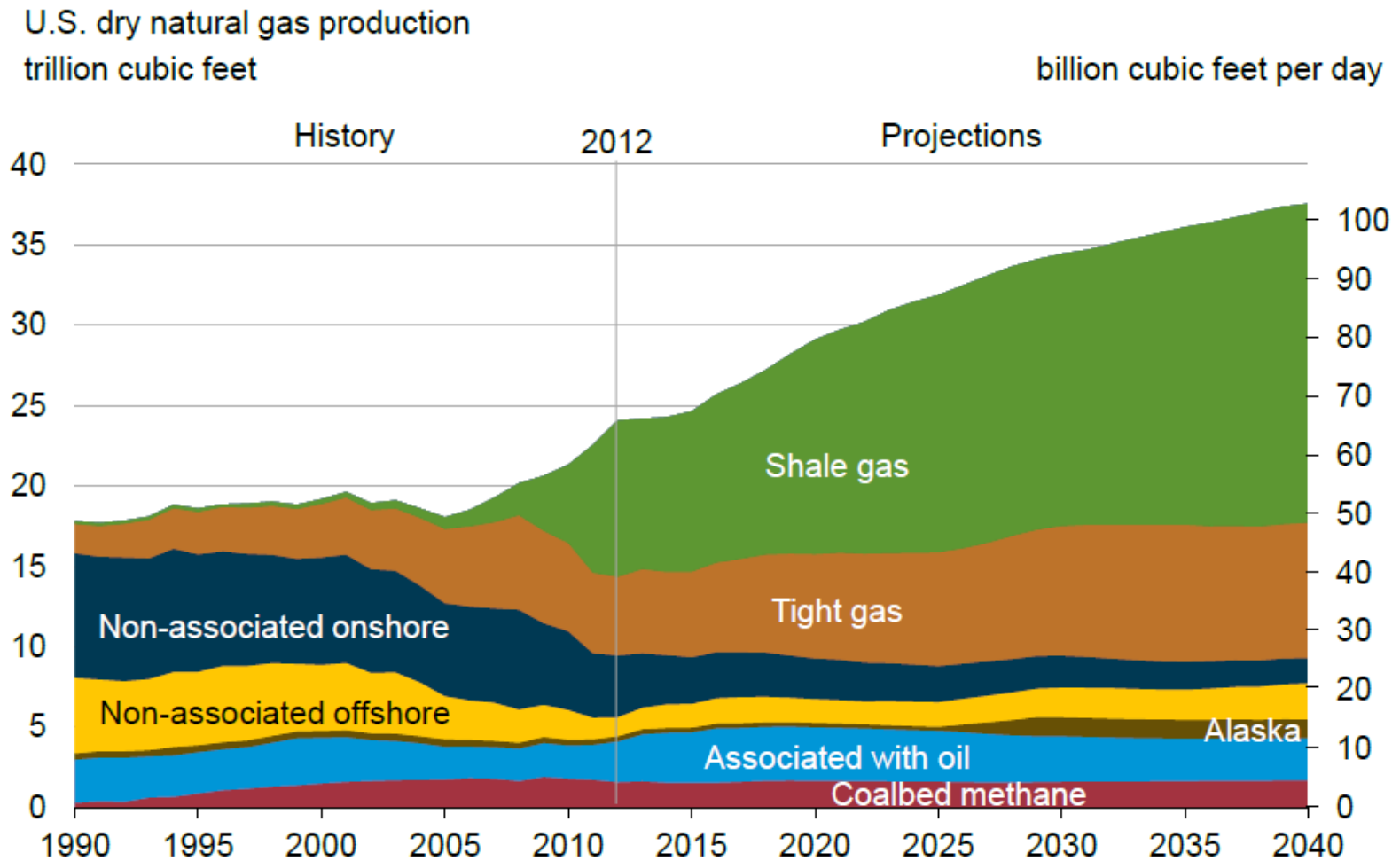


- **Most shale resources are gas-oriented**
 - Some shale gas is dry (Fayetteville)
 - Most shale gas has both dry and wet regions (Barnett, Eagle Ford, Marcellus, etc.)
- **Certain shale resources are mostly oil-oriented (Bakken)**
- **Gas in the Utica and Marcellus plays has high liquids content**
 - In the range of 6 to 8 gpm (depending on the location)
 - Lean Gas at Hanesville is 0.3 to 1.5
 - Eagleford is 4 to 9
 - Bakken is 10 to 12

Conventional v. Unconventional

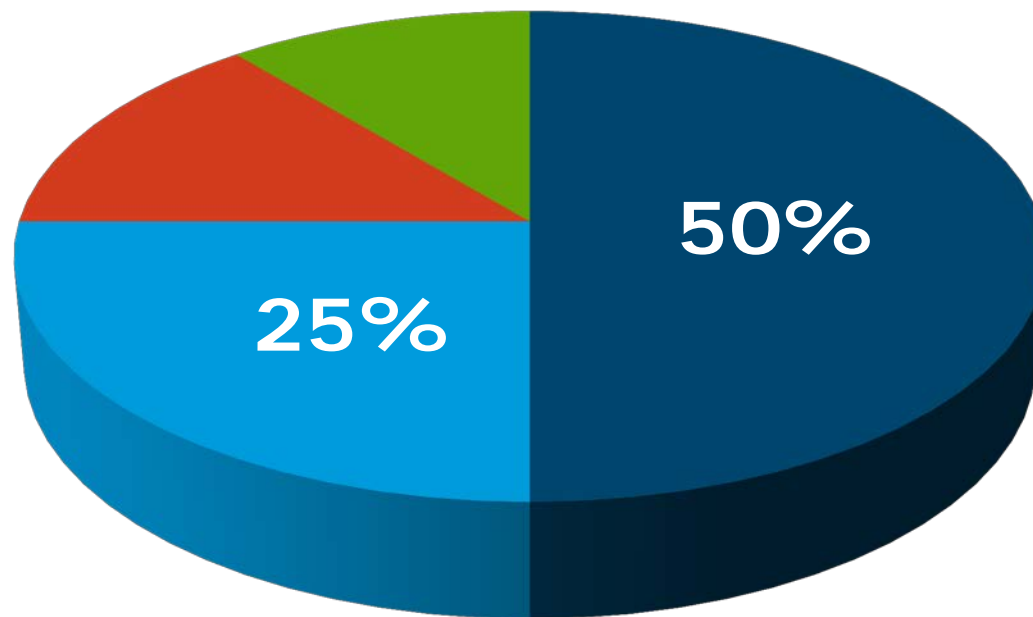
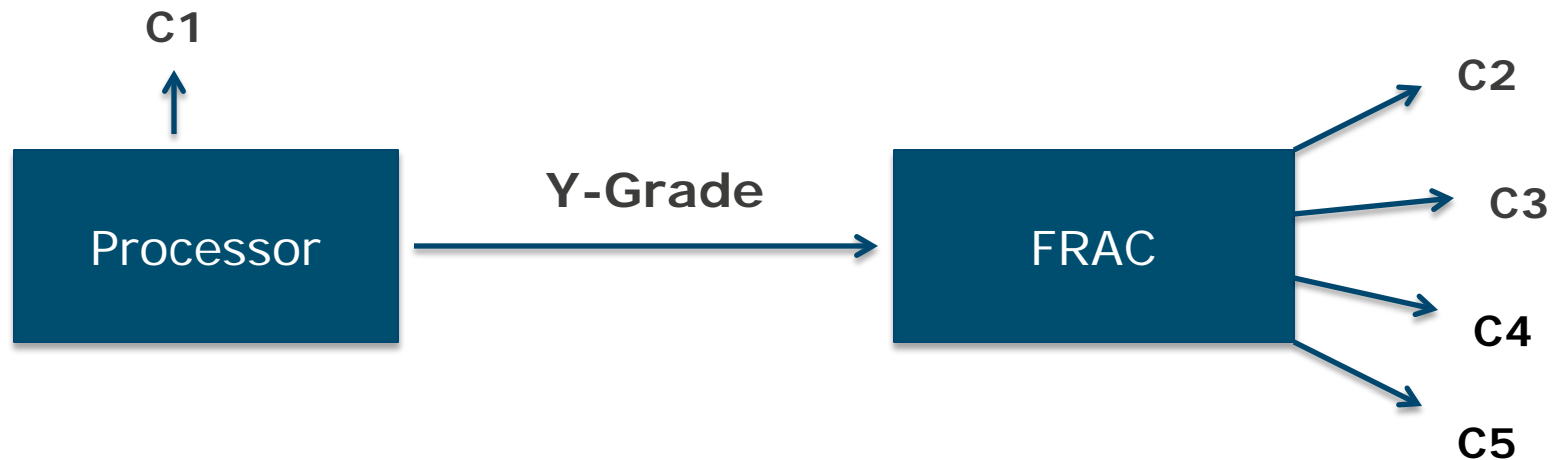


Projected Natural gas Production



Source: EIA, Annual Energy Outlook 2014 Early Release

NGL Stream / Y-Grade

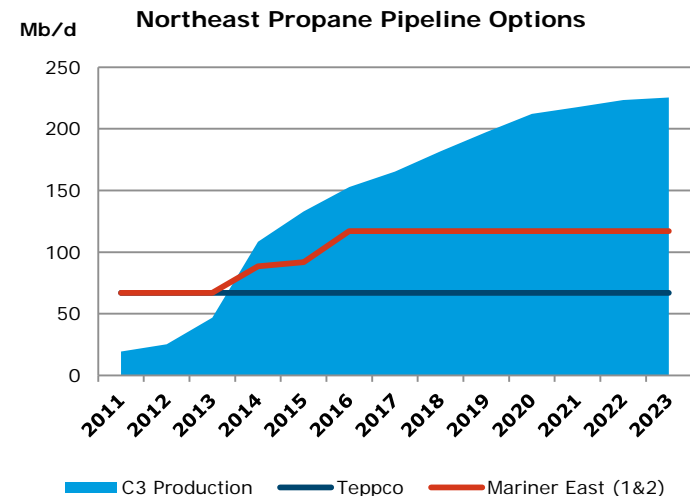
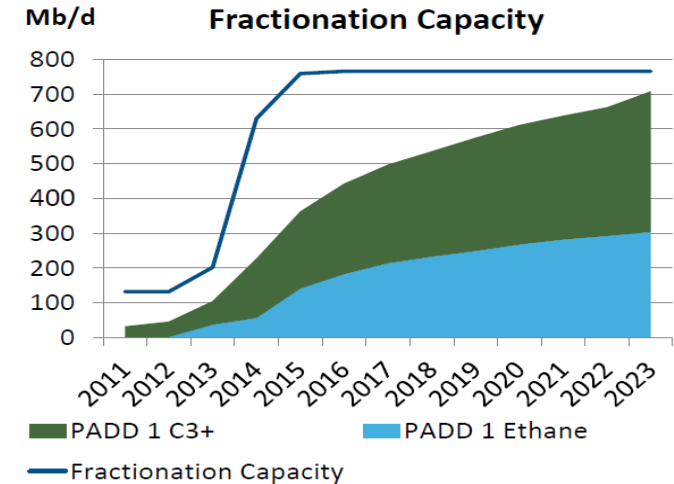


- C2-Ethane
- C3-Propane
- C4 - Butane
- C5-Natural Gasoline

Northeast Growing Supply & Limited Infrastructure

Growing Supply Increases Seasonal Imbalances

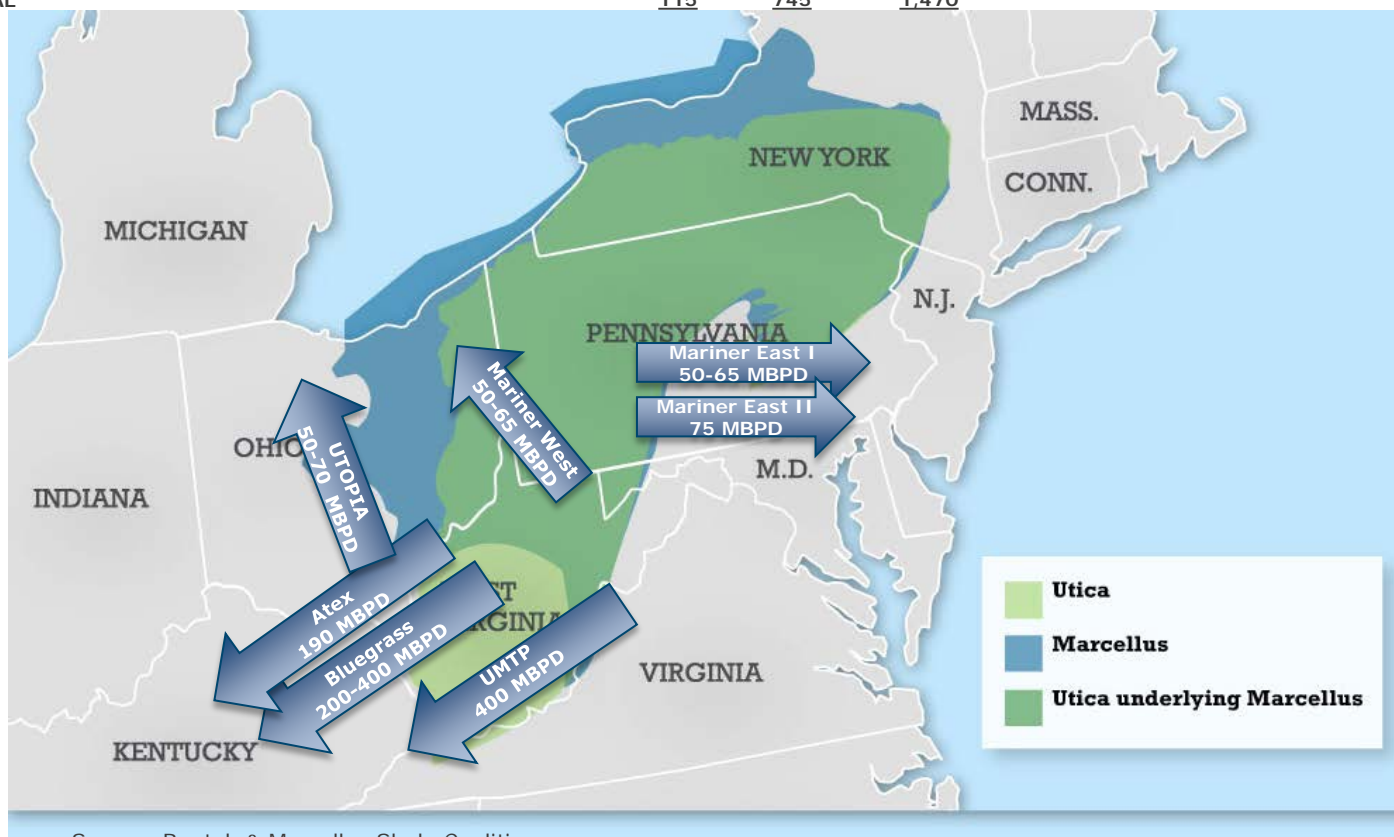
- Growing PADD 1 NGL production:
 - Announced PADD 1 C2+ Fractionation capacity will reach approx. 770 MBPD in 2015/16 according to Bentek
 - By 2023 300 MBPD of production will be C2
 - That remaining production, approx. 400 MBPD will be C3+
 - Around 50% of the C3+ production will be Propane (200 MBPD)
 - Crestwood's estimates indicate Propane production could exceed 300 MBPD
- Pipeline Take-away:
 - Teppco (40 summer vs. 80 winter) volume weighted 60 MBPD
 - Mariner East (1&2) 70 MBPD Propane/Butane mix. Approx. 50 Propane
- Local storage for seasonal demand fluctuations
 - Provides destination for supply during low demand summer months
- Additional NGL export capacity at Marcus Hook
 - Favorable global price differentials



Source: Bentek & Crestwood Internal

Destinations for Northeast NGLs

Pipeline	Owner	In service	Current Capacity	Planned Capacity	Expandable to	Primary product	Secondary Product	Origin	Destination
ATEX Express	Enterprise Products Partners L.P	12/1/2013	65	125	265	Ethane	Propane	Houston, PA	Mont Belvieu, TX
Mariner West	Sunoco	7/21/2013	50	50	65	Ethane		Houston, PA	Sarnia, Ontario
Mariner East 1	Sunoco	9/1/2014	-	70	70	Ethane	Propane	Houston, PA	Marcus Hook, PA
Mariner East 2	Sunoco	4/1/2016	-	75		Propane	Butane	Scio, OH	Marcus Hook, PA
Bluegrass	Williams & Boardwalk Joint Venture	9/1/2017	-	200	400	Y-Grade		West Virginia/ Ohio	Lake Charles, LA
UMTP (Utica Marcellus Texas Pipeline)	Kinder Morgan & MarkWest Utica JV	6/1/2017	-	150	400	Y-Grade		Mercer, PA	Mont Belvieu, TX
UTOPIA (Utica to Ontario Pipeline Access)	Kinder Morgan / NOVA Chemicals	6/1/2017	-	50	70	Propane	Ethane	Harrison, OH	Ontario, CA
TOTAL			115	745	1,470				



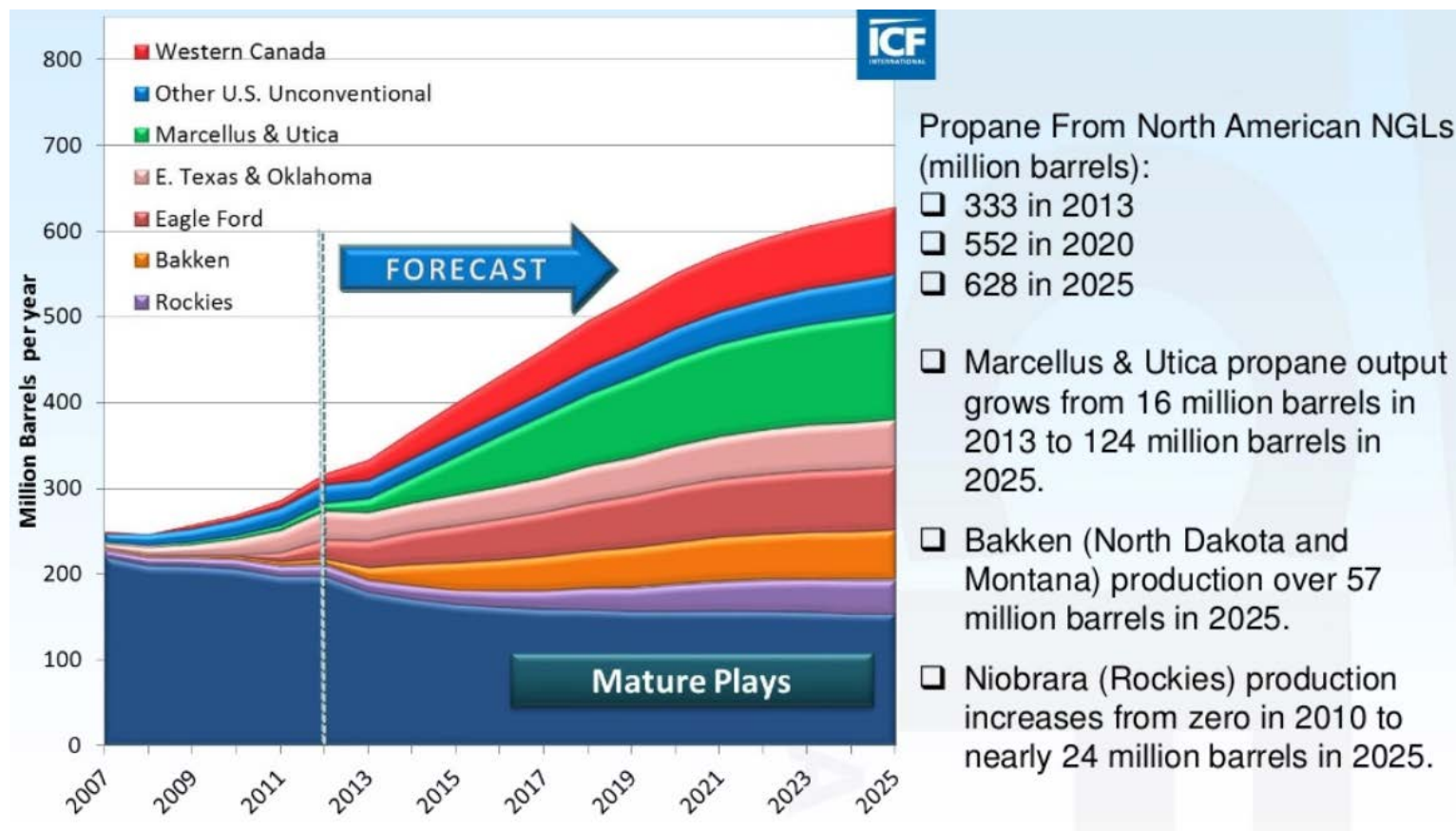
Source: Bentek & Marcellus Shale Coalition

Future LPG Flow



Marcellus – Utica NGL Production Projections

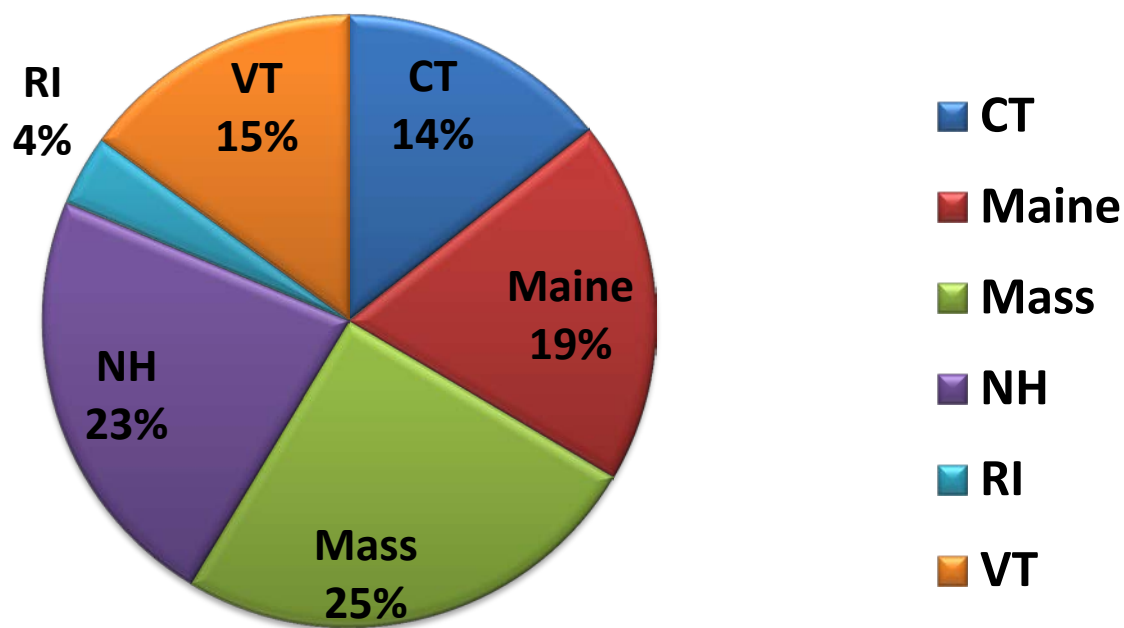
Rapidly Growing NGL Supply that Needs a Home



Source: ICF

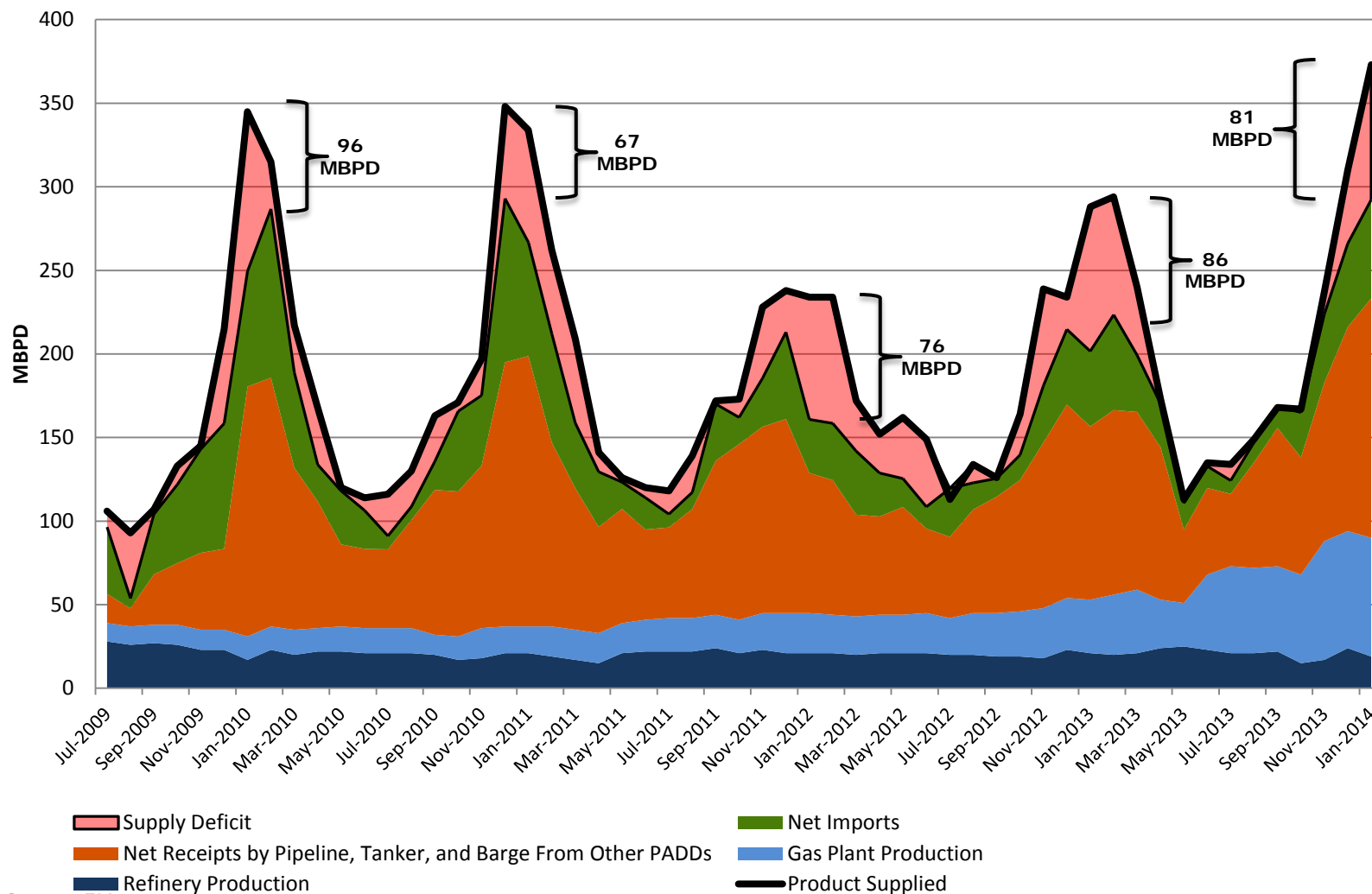
New England Propane Demand

Total demand 750MM gallons +/-



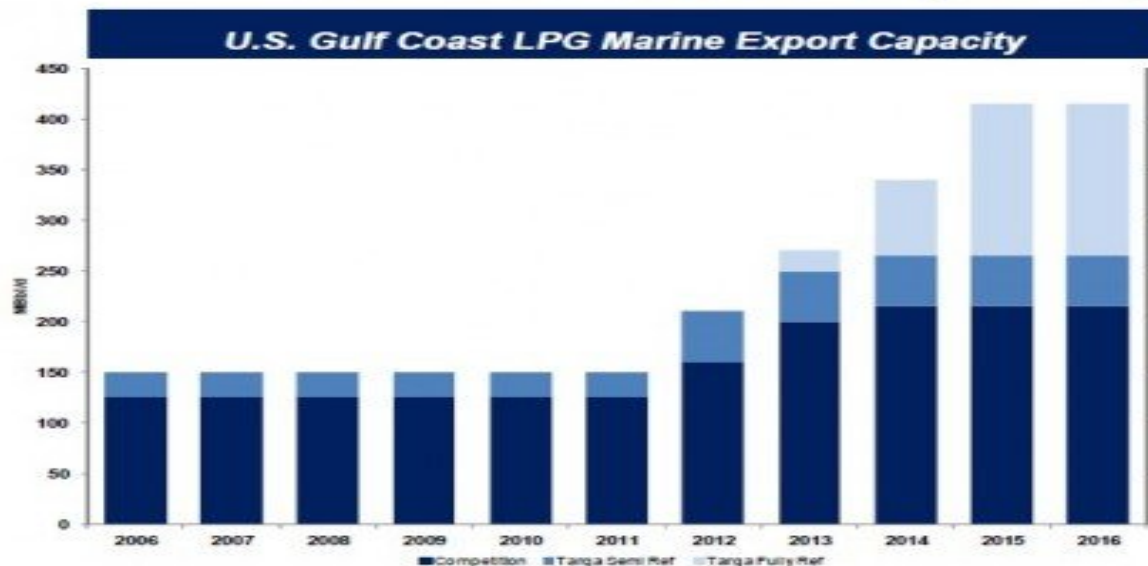
Northeast Propane Supply / Demand

PADD 1 Propane Supply-Demand Balance



Source: EIA

US Gulf Coast LPG Export Capacity

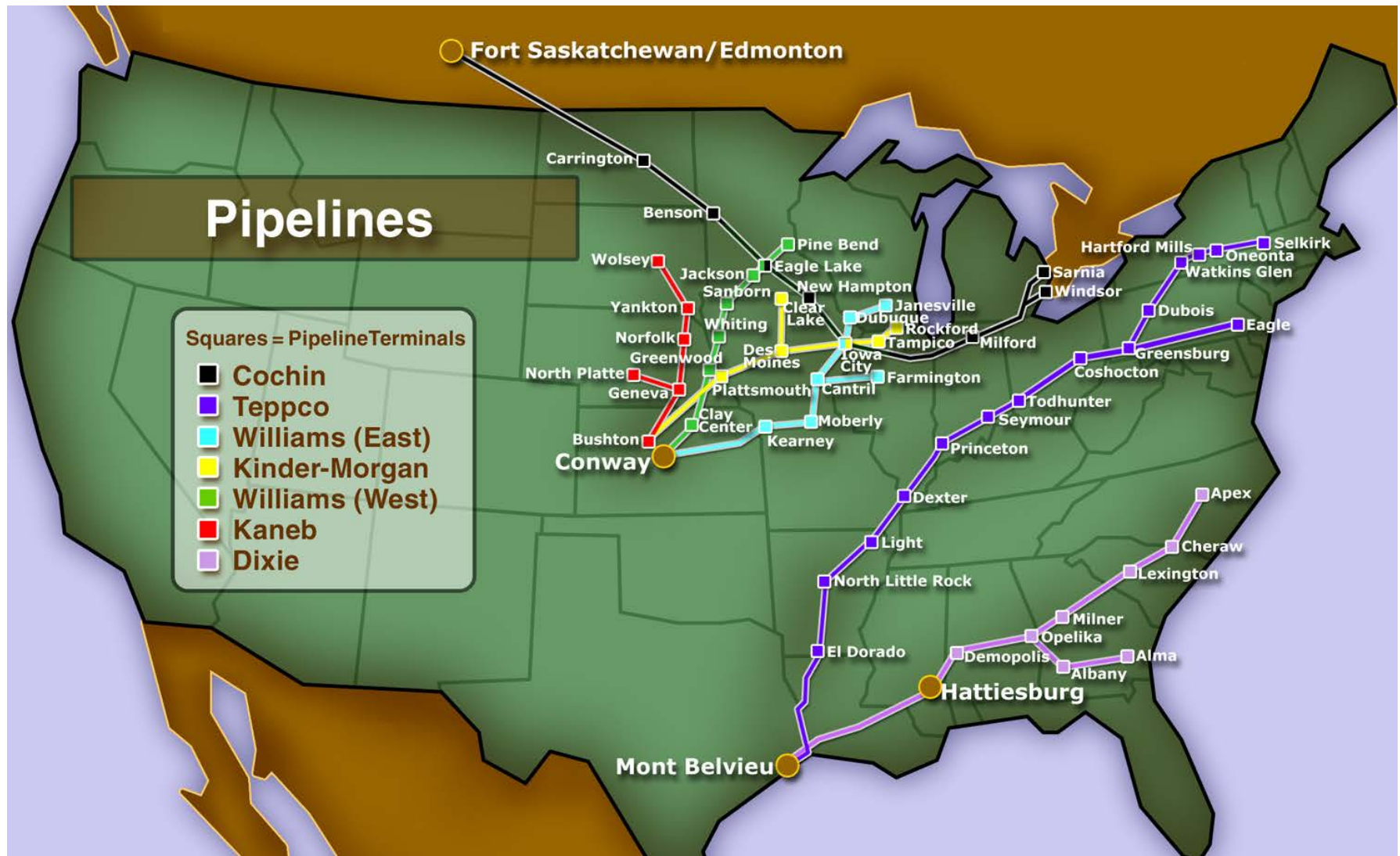


- ◆ Targa export expansion and complementary facility enhancements will increase exports of international grade propane, and grow exports of HD5 propane and butane
- ◆ Targa operating 2,500 BPH semi-ref HD5 propane chiller for exports effective 2Q-2012
- ◆ Capacity a function of dock space, chilling capacity, pipeline from source supply and access to low ethane propane
- ◆ Expanding capacity sufficient to handle forecasted LPG growth

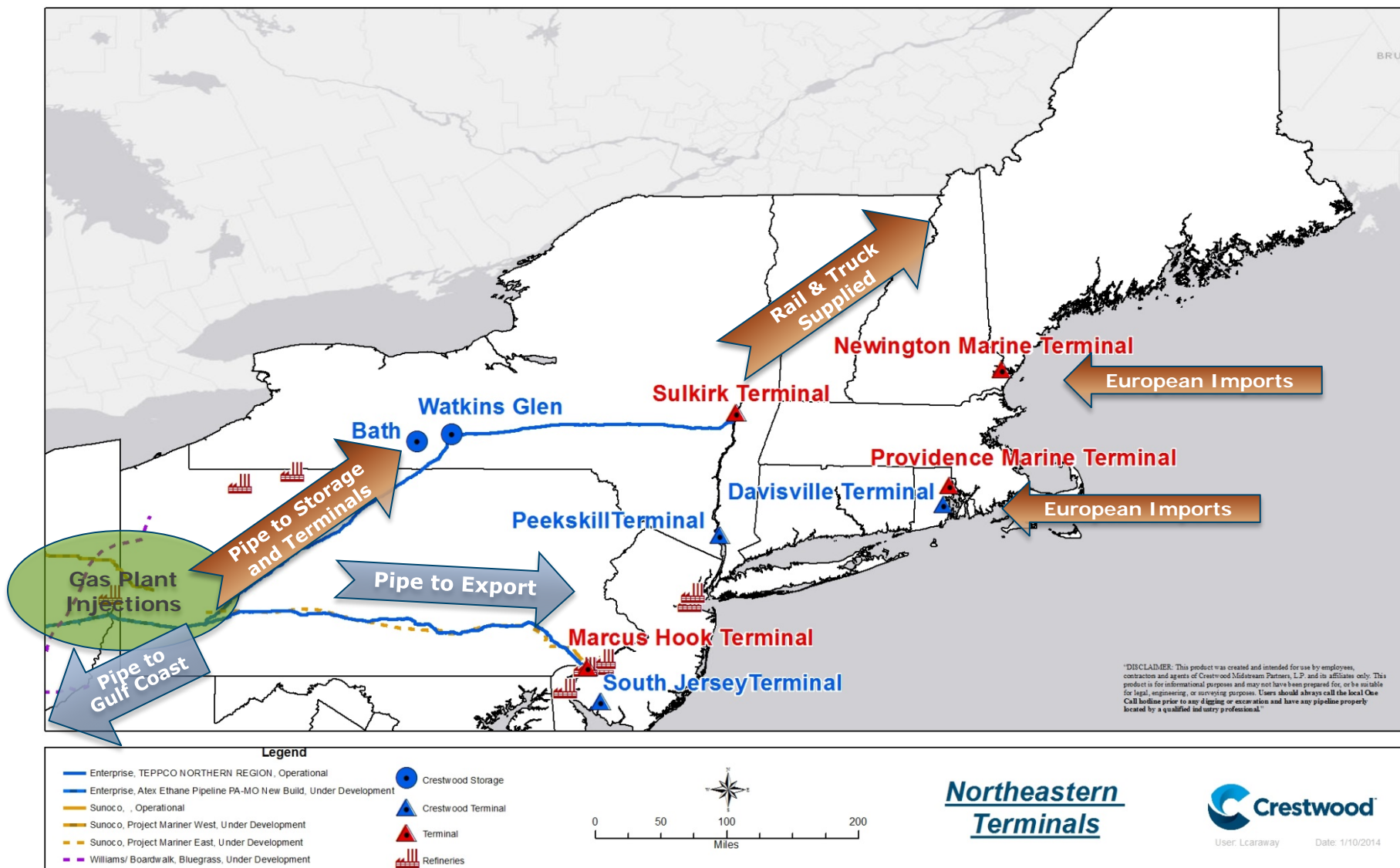
Market Realist^Q

Source: Targa Resources Presentation

Major Propane Pipelines



Finger Lakes Storage is "The Solution"





Connections for America's Energy™

Thank You

Crestwood Midstream Partners LP

Crestwood Equity Partners LP