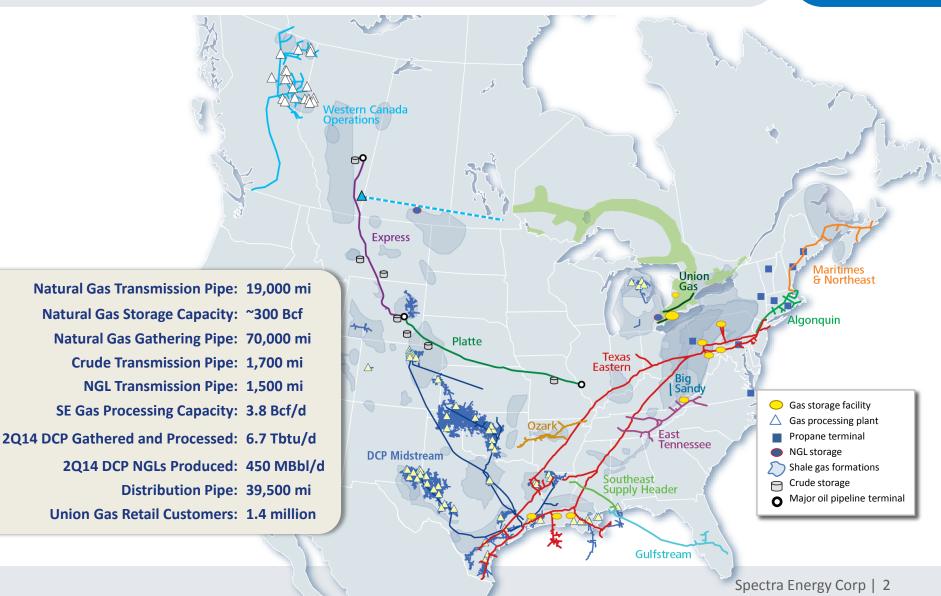


#### PENNSYLVANIA PUBLIC UTILITY COMMISSION

## Texas Eastern Transmission, LP 2014 - 2015 Winter Readiness

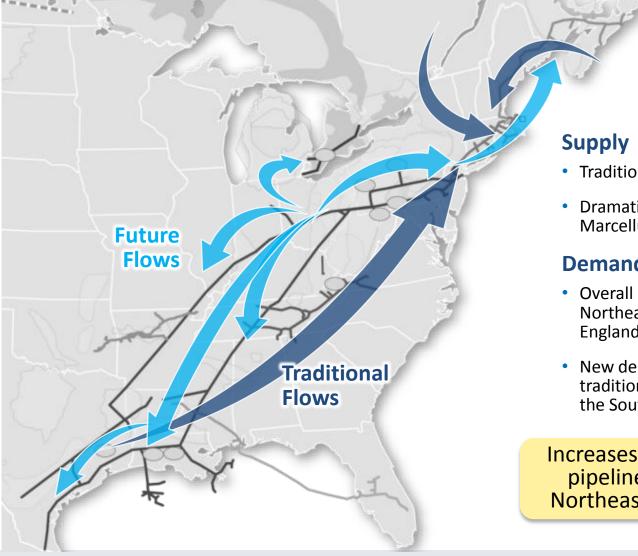


## Spectra Energy - A Strong Portfolio of Assets





## **Changing Dynamics**



- Traditional supply sources declining
- Dramatic and continued increase in Marcellus and Utica production

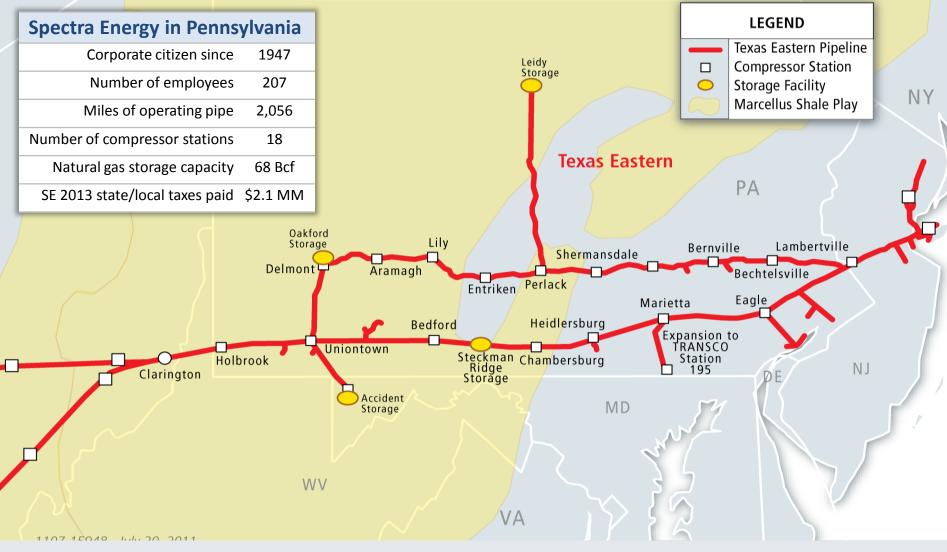
#### Demand

- Overall demand continues to increase in Northeast U.S, Atlantic Canada and New England
- New demand emerging in areas of traditional supply in Texas, Louisiana and the Southeast

Increases the need for additional pipeline infrastructure in the Northeast, South and Gulf Coast



## Spectra Energy's Pennsylvania Presence



Spectra Energy Corp | 4



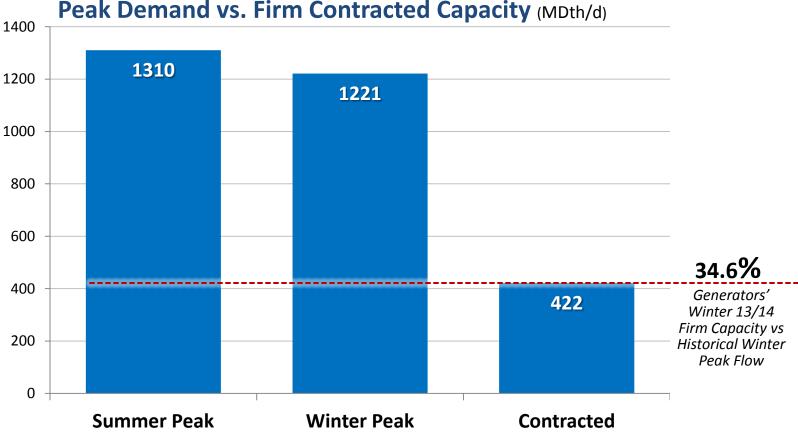
## Firm Customers Served in Pennsylvania

- Chevron
- Carnegie Natural Gas Company
- CNX Gas Corporation
- Columbia Gas of Pennsylvania
- EQT Energy
- National Fuel Gas Company
- PECO Energy
- Philadelphia Energy Solutions
- PBF Energy
- Trigen

- PPL Energy, Inc.
- Philadelphia Gas Works
- The Peoples Natural Gas Co.
- Three Rivers Pipeline
- T.W. Phillips Gas & Oil Co.
- UGI Utilities
- Range Resources
- Liberty Electric Power
- Rice Energy

#### Texas Eastern Transmission, L.P. **Gas-Fired Power Generation Dynamics**

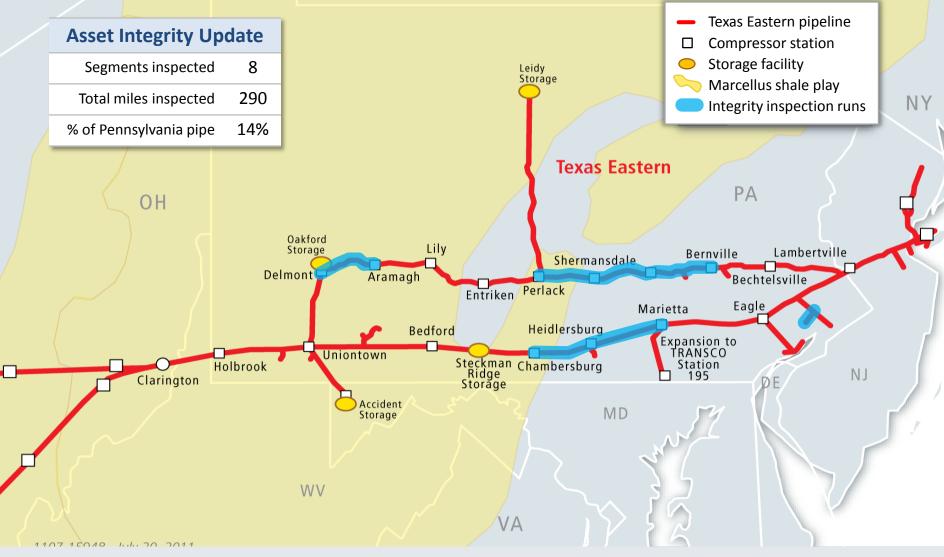




#### Peak Demand vs. Firm Contracted Capacity (MDth/d)

## 2014 Pipeline Integrity In-Line Inspection Tool Runs





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## Winter Readiness



- Integrity and other maintenance projects are being completed
- Storage inventories are at 94+%
- Equipment (compressors, etc.) operational

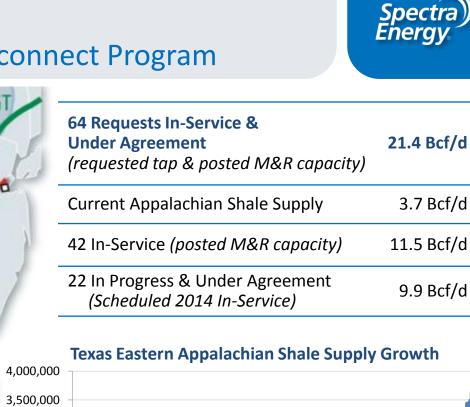


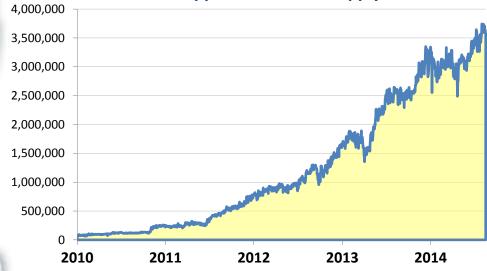
# In short: WE ARE READY!

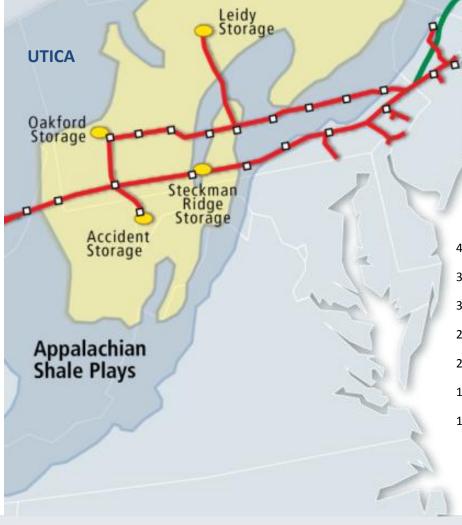
## *Texas Eastern Transmission* Appalachian Shale Supply Interconnect Program

AG

MARCELLUS



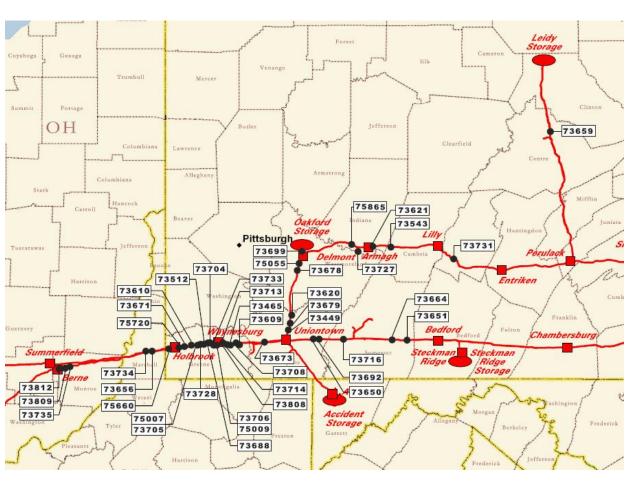




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## *Texas Eastern Transmission* Appalachian Shale Interconnects





/&R No.	'	Name	(MMBtu)
73659	Anadarko	Marsh Creek Trail	18,06
73449	Atlas	Dunbar	37,93
73609	Atlas	Valley View Rd.	39,43
73716	Caiman	Kingwood Rd	17,06
73731	Caiman	Ritchie Rd	38,46
73512	CNX	Green Hill	40,00
73610	CNX	McQuay I	91,23
73671	CNX	McQuay II	140,16
73733	CNX	McQuay III	332,33
75055	Columbia Gas Transmission	Delmont	109,43
73699	Dominion Transmission Inc.	Appalachian Gateway	862,20
73808	Dominion Transmission Inc.	Crayne II	377,16
73678	Dominion	Crooked Run	280,33
73465	Energy Corp. of America	Jefferson IC	38,44
75007	Equitrans	Morris I	140,74
75009	Equitrans	Crayne	189,55
73705	Equitrans	Morris II	460,02
73706	Equitrans	Braden Run	749,66
73713	Equitrans	Jefferson	667,45
73728	Equitrans	Morris III	364,00
73735	HG Energy	Berne IC	287,73
73620	Laurel Mountain Midstream	Clark Rd.	37,79
73621	Laurel Mountain Midstream	Horse Thief Rd.	15,64
73673	Laurel Mountain Midstream	Shamrock	413,04
73692	Laurel Mountain Midstream	Donegal	144,10
73704	Laurel Mountain Midstream	Cantaral	229,64
73708	Laurel Mountain Midstream	Davis	78,16
73714	M3 Midstream	High Noon	661,04
73734	Markwest Midstream	Majorsville	725,37
73812	Markwest Utica EMG	Seneca Berne	697,34
73809	Monroe Pipeline	Reeds Road	86,88
75720	National Fuel Gas Supply Corp.	Holbrook	673,21
73727	NiSource Midstream Services	Big Pine	828,03
75660	NiSource Midstream Services	Dry Ridge	338,10
73679	Phillips	Elsie Adams #2	36,55
73651	Samson Resources	Menhorne	33,18
73664	Samson Resources	Hillegass	34,84
75865	Three Rivers Pipeline	Indiana County	83,95
73688	Vista Gathering	Waynesburg	332,79
73656	Williams Ohio Valley Midstream	Fort Beeler	716,68
73543	хто	East Wheatfield	18,52
73650	хто	Hall	36,83
			11,503,26

## *Texas Eastern Transmission* Appalachian Supply Projects



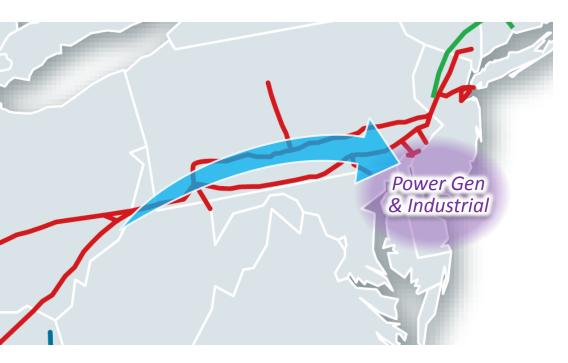
NEXUS TEAM 2014	Execution Project	In-Service	<b>Capacity</b> (MDth/d)
	TEAM South	3Q 14	300
U2GC OPEN	TEAM 2014	4Q 14	600
Appalachia to Market	OPEN	2H 15	550
Adair	U2GC	2H 15	425
Southwest	Gulf Markets	2H 16	650
Access South	NEXUS	2H 17	1,500
	Development Project	In-Service	<b>Capacity</b> (MDth/d)
Gulf	Adair Southwest	2017	200
Gulf TEAM Markets South	Access South	2017	320
NEY	Appalachia to Market	2018	1,000
T	Midwest	2017+	150+
	Power Gen	2017+	300+

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## **Appalachia to Market Project**



*Connecting abundant Appalachian supply to growing markets in the Northeast* 



#### **Project Scope:**

- Up to 1 Bcf/d scalable project
- In-Service as soon as November 2018

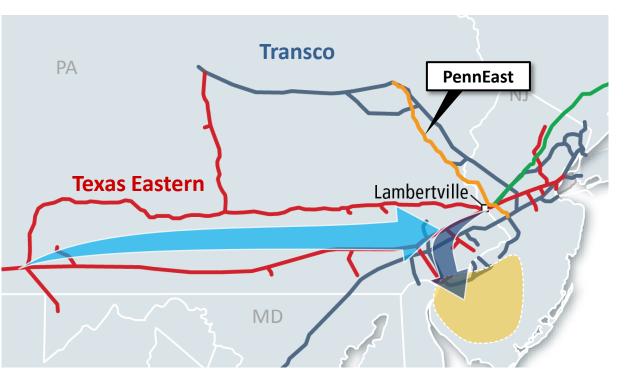
#### **Project Status:**

- Open Season closed August 29
- Determining scope from open season interest; developing project rates and timelines



## **Texas Eastern Options to Serve Philadelphia**

# *Texas Eastern will expand to meet individual customer needs through incremental or system expansions*



#### Supply:

 Growing, Marcellus and Utica production

#### Demand:

 Markets seeking access to supply diversity and liquidity

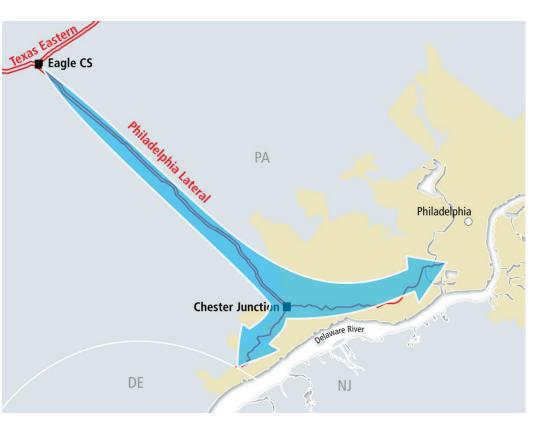
#### Transport:

 Paths from Northeast Marcellus production and SW shale to interconnect with Texas Eastern market-area delivery points

## **Philadelphia Lateral Expansion**



Provide project shippers with additional capacity on the Philadelphia Lateral to serve growing demand



#### Market:

- LDC Growth
- Power Generation Expansion
- Refinery Site expansions
- Industrial use

#### **Project Timeline:**

- Open Season: 2014
- In-service 2018

#### **Facilities:**

• To be determined based on ultimate project scope. Likely take up and relay of 22 miles of pipe(with larger diameter pipe) from Eagle to Chester Junction + additional work downstream of Chester. Within or adjacent to existing ROW.









**Recognized by:** 



