

## PLANNED ENHANCEMENTS, NORTHEAST NATURAL GAS PIPELINE SYSTEMS (as of 6-20-13)

**The Northeast Gas Association (NGA) has prepared these lists based on publicly-available information. NGA will strive to keep the information as updated as possible and notes that this information may change pending project developments. May not include all projects.**

PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
Line "N" 2013	National Fuel Gas Supply	Planned capacity 30,000 Dth/d. 1.27 miles of 24" replacement.	Nov. 2013	Blanket certificate. Open season closed, 3-12.
NJ/NY Expansion Project	Spectra Energy	800 MMcf/d expansion connecting Northeastern PA Marcellus supplies with a new delivery point in Manhattan. Signed customers are Chesapeake Energy, Con Edison and StatOil Natural Gas. 15.9 miles of new 30" pipe and replacement of approx. 5 miles of 42" pipe on Texas Eastern system.	Nov. 2013	Announced 12-09. Filed with FERC, 12-10. FERC issues draft EIS, 9-11. Approved by FERC, 5-12. Under construction.
Northeast Supply Link	Williams / Transco	The proposed Northeast Supply Link Project is designed to provide 250,000 dekatherms per day of firm service on Williams Partners' Transco natural gas pipeline. Involves 13 miles of additional pipe in PA and NJ.	Nov. 2013	Open season held, March 2010. Filed with FERC, 12-11. Approved by FERC, 11-12. Under construction.
Northeast Upgrade	Tennessee Gas Pipeline	Tennessee will upgrade its existing 24-inch diameter 300 Line by constructing five, 30-inch diameter pipeline loops and modifying four existing compression stations. The project will add 636,000 MDth/d of new firm transportation capacity.	Nov. 2013	Approved by FERC, 5-12. Under construction.

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<b>PROJECT</b>	<b>COMPANY</b>	<b>DESCRIPTION</b>	<b>EST. IN-SERVICE</b>	<b>STATUS</b>
<b>Hancock Compressor</b>	Millennium Pipeline	Proposed new compressor station.	Nov. 2013	Filed with FERC.
<b>MPP</b>	Tennessee Gas Pipeline	240,000 Dth/d from the developing production region along TGP's 300 line to serve established markets, including markets in the Northeast. Shippers are Chesapeake Energy and Southwestern.	Nov. 2013	Shippers confirmed. FERC order received.
<b>Mercer Expansion</b>	National Fuel Gas Supply	Planned capacity of 105,000 Dth/day at Mercer, with modifications to TGP IC. 2 miles of 24" pipe.	Nov. 2014	Blanket certificate.
<b>Rockaway Lateral</b>	Williams / Transco	The project involves a proposed 3.2-mile 26-inch lateral would consist of approximately 2.9 miles of offshore pipeline and approximately 0.3 miles of onshore pipeline. It is designed to provide approximately 647,000 dekatherms per day of natural gas delivery capacity to National Grid's gas distribution system in Brooklyn and Queens, New York.	2 <sup>nd</sup> half 2014	Precedent agreements signed June 2009. Filed with FERC, 1-13.
<b>TEAM 2014</b>	Spectra Energy	2 <sup>nd</sup> phase of TEAM provides additional opportunities in OH/PA/WV region. Fully scalable potential up to 1.4 Bcf/d. Chevron USA and EQT Energy are confirmed as anchor shippers.	4 <sup>th</sup> qtr, 2014	Open season held; anchor shippers announced, Apr. 2012.
<b>Rose Lake</b>	Tennessee Gas Pipeline	Will provide 230 MMcf/d of firm transportation capacity on Tennessee's system in northeastern Pennsylvania for markets in the Northeast.	Nov. 2014	FERC filing made 10-12.

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PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
<b>Wright Interconnect Project (WIP)</b>	Iroquois Gas Transmission	WIP will enable delivery of up to 650,000 Dth/d of natural gas from the terminus of the proposed Constitution Pipeline in Schoharie County, NY into both Iroquois and the Tennessee Gas Pipeline under a 15 year capacity lease agreement with Constitution.	March 2015	Announced 1-13. Filed with FERC, 6-13.
<b>Constitution Pipeline</b>	Cabot/Williams	Approximately 120-mile Constitution Pipeline is being designed to extend from Susquehanna County, PA, to the Iroquois Gas Transmission and Tennessee Gas Pipeline systems in Schoharie County, N.Y. Proposed capacity of 650 MMcf/d. Cabot and Southwestern are announced shippers.	2015	Announced spring 2012. Filed with FERC, 6-13.
<b>Westside Expansion</b>	National Fuel Gas Supply	Planned capacity of 207,000 Dth/d. 23.1 miles of 24" repl. Market is W. PA producers.	Nov. 2015	Announced.
<b>Tuscarora Lateral</b>	National Fuel Gas Supply	Planned capacity of 95,000 Dth/d. 18 miles of pipeline plus storage wells and lines. Market is on-system utilities.	Nov. 2015	Announced.
<b>North-South Upstate Pipeline Connector</b>	Millennium Pipeline	Proposes to add about 60 miles of 24" pipeline and one compressor station. The pipeline would connect to the Dominion system near Cortland, NY and the Tennessee Gas system near Syracuse. Initial discussions with 2 potential shippers indicate interest in approx. 250,000 Dth/d. Open season held May 2013 to gauge other market interest.	Early 2016	Open season held May 2013.
<b>AIM</b>	Spectra Energy	Approximate 450 MMcf/d takeaway capacity from Ramapo to head of G system. Geared to Northeast and New England.	2 <sup>nd</sup> half 2016	Open season held, fall 2012.

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PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
<b>Continent to Coast (C2C) Expansion</b>	PNGTS	C2C will access natural gas supplies from key North American natural gas basins via TransCanada Pipeline. Atlantic Canada markets can then transport on PNGTS to an interconnect with Maritimes and Northeast Pipeline at Westbrook, ME. Shippers interested in moving natural gas further south into New England can transport on PNGTS to interconnects with other NE natural gas pipelines at Dracut, Haverhill and Methuen, MA. May raise PNGTS' current capacity of 168,000 Dth/d to a total range of 300,000-350,000 Dth/d.	Nov. 2016	Open season, April 1 to June 28, 2013.
<b>Connecticut Expansion</b>	Tennessee Gas Pipeline	Capacity of 72,000 Dth/d. Pipeline looping on TGP 200 and 300 lines. Market is CT natural gas utilities.	Nov. 2016	In active development.
<b>Northeast Expansion</b>	Tennessee Gas Pipeline	Proposed enhancement to link Tennessee Marcellus receipts with the Iroquois Transmission system and thereby link into New England (zones 5, 6). Deliveries to upstate NY and New England. Proposed capacity from 0.5 to 1.7 Bcf/d.	2017 to 2018	In active development.