

PLANNED ENHANCEMENTS, NORTHEAST NATURAL GAS PIPELINE SYSTEMS *(as of 3-16-15)*

The Northeast Gas Association (NGA) has prepared this summary 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
Rockaway Lateral	Williams / Transco	The project involves a proposed 3.2-mile 26-inch lateral, consisting of approximately 2.9 miles of offshore pipeline and approximately 0.3 miles of onshore pipeline. Designed to provide approx. 647,000 Dth/d of natural gas delivery capacity to National Grid's gas distribution system in Brooklyn and Queens, NY.	1 st qtr. 2015	Precedent agreements signed June 2009. Filed with FERC, 1-13. FERC issues final EIS, 2-14. Approved by FERC, 5-14. Under construction.
Tuscarora Lateral	National Fuel Gas Supply & Empire Pipeline	Planned capacity of 95,000 Dth/d. 17 miles of pipeline plus storage wells and lines. Market is on-system utilities (NYSEG, RG&E).	Nov. 2015	Jointly filed with FERC, March 2014. Approved by FERC, March 2015.
Northern Access 2015	National Fuel Gas Supply	Capacity of 140,000 Dth/day. Capacity lease to TGP from Ellsbury to East Eden.	Nov. 2015	Filed with FERC, March 2014. Approved by FERC, Feb. 2015.
Niagara Expansion	Tennessee Gas Pipeline	Proposed capacity of 158,000 dekatherms per day of natural gas. Seneca will serve as the foundation shipper for TGP's Niagara Expansion Project, which is designed to provide transportation from the prolific Marcellus Shale in Pennsylvania to TGP's interconnect with TransCanada Pipeline in Niagara County, N.Y.	Nov. 2015	Filed with FERC, Feb. 2014. Approved by FERC, Feb. 2015.
East Side Expansion	Columbia Gas Transmission	The project will involve the installation of two natural gas pipelines with approximately 9.5 miles of pipeline in Chester County, PA and 9.5 miles of pipeline in Gloucester County, NJ. The project will also include modifications and upgrades to certain station facilities.	Fall 2015	Authorized by FERC, 12-18-14.

PLANNED ENHANCEMENTS, NORTHEAST NATURAL GAS
PIPELINE SYSTEMS *(as of 3-16-15), page 2*

PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
West Side 2015 Expansion	National Fuel Gas Supply	Adds 175,000 Dth/day of incremental capacity. 23 miles of 24" pipeline and additional horsepower at Mercer (TGP Sta. 219).	Nov. 2015	Filed with FERC, Feb. 2014. Approved by FERC.
Constitution Pipeline	Cabot/Williams	Approx. 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 shippers.	Late 2016	Announced spring 2012. Filed with FERC, 6-13. FERC issued final EIS, 10-14. Authorized by FERC, 12-2-14.
Wright Interconnect Project (WIP)	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.	2016	Announced 1-13. Filed with FERC, 6-13. FERC issued final EIS, 10-14. Authorized by FERC, 12-2-14.
Northern Access 2016	National Fuel Gas Supply & Empire Pipeline	Capacity of 350,000 Dth/day. Deliveries to Chippawa, with new interconnect at TGP 200 Line. 100+ miles of 24"/30" pipeline and Empire compressor station.	Nov. 2016	In FERC pre-filing process, July 2014.
New Market Project	Dominion Pipeline	Planned for customers in upstate NY (National Grid). Will include the addition of 2 new compressor stations along DTI's existing transmission pipeline; and increased compression at an existing station. Capacity of 112 MMcf/d.	Nov. 2016	Filed with FERC, June 2014.
AIM	Algonquin Gas Transmission / Spectra Energy	Providing 342 MMcf/d of additional capacity to move Marcellus production to Algonquin City Gates. Shippers are 6 gas utilities in New England.	2 nd half 2016	Open season held, fall 2012. Filed with FERC, 2-14. FERC issues draft EIS, 8-14. FERC issues final EIS, 1-15. Approved by FERC, 3-15.
Connecticut Expansion	Tennessee Gas Pipeline	Capacity of 72,100 Dth/d. Pipeline looping on TGP 200 and 300 lines. Market is CT natural gas utilities.	Nov. 2016	Open Season held July 2013. Filed with FERC, 7-14.

PLANNED ENHANCEMENTS, NORTHEAST NATURAL GAS
PIPELINE SYSTEMS *(as of 3-16-15), page 3*

PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
Garden State Expansion Project	Williams/Transco	The project has been designed to provide up to 180,000 dekatherms per day of natural gas service in two phases to a new delivery point with New Jersey Natural Gas in Burlington County, N.J. The project will include the installation of a new compressor station, meter and regulating station on land located in Burlington County, N.J. It will also require modifications and the addition of compression at an existing compressor station. No expansion of the pipeline is required.	Nov. 2016 / Nov. 2017	Filed with FERC, Feb. 2015.
Corning to Rockland	Millennium Pipeline	Company looks to expand capacity along its natural gas pipeline that extends from Corning, New York to Rockland County, New York to meet customer demand.	2017	Open season announced March 2015.
Continent to Coast (C2C) Expansion	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. May raise PNGTS' current capacity of 168,000 Dth/d to approx. 300,000 Dth/d.	Nov. 2017	Open season, April 1 to June 28, 2013. Open season re-convened, Dec. 2013 – Jan. 2014. Relaunch of open season, Jan. – Feb. 2015.
South-to-North (“SoNo”) Project	Iroquois Gas Transmission	Reverse flow on Iroquois offering physical transport to U.S./Canada border. The SoNo project would transport up to 300,000 Dth/day from Iroquois' existing interconnects with Dominion Transmission in Canajoharie, NY and Algonquin Gas Transmission in Brookfield, CT, as well as the proposed Constitution Pipeline in Wright, NY.	Nov. 2017	Open season held, Dec. 2013 – Jan. 2014. Relaunch of open season, Jan. – Feb. 2015.
Atlantic Bridge	Spectra Energy	Incremental expansion on Algonquin and Maritimes & Northeast, to serve New England and Canadian Maritimes. Capacity of 220,000 Dth/d.	2017	Announced, Feb. 2014. Open season held, Feb.- March, 2014. In pre-filing with FERC, Feb. 2015.

PLANNED ENHANCEMENTS, NORTHEAST NATURAL GAS
PIPELINE SYSTEMS *(as of 3-16-15), page 4*

PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
PennEast Project	AGL Resources, NJR Pipeline Company, South Jersey Industries, UGI Energy Services, Spectra Energy and PSE&G Power LLC	100-mile pipeline intended to bring lower cost natural gas produced in the Marcellus Shale region to homes and businesses in Pennsylvania and New Jersey. Designed to provide natural gas service to the equivalent of 4.7 million homes, up to 1 Bcf per day. PennEast is investing nearly \$1 billion to build the pipeline with the costs split among the four entities. Construction of the pipeline could begin in 2017 pending regulatory approvals.	2017/2018	Announced Aug. 2014. Open season held August 2014.
Northeast Energy Direct (NED) Project	Tennessee Gas Pipeline / Kinder Morgan	This project is a combination of TGP's proposed Pennsylvania to Wright, NY and Wright, NY to Dracut, MA projects. Proposes construction of greenfield pipeline, additional meter stations and compressor stations, and modifications to existing facilities in Pennsylvania, New York, Massachusetts, Connecticut, and New Hampshire. Scalable capacity from 1.2 (30") to 2.2 (36") Bcf/d. Approximately 90% co-located along existing utility corridors / adjacent to TGP mainline.	Nov. 2018	Open season held, Feb.-March, 2014. In July 2014, Kinder Morgan announced that 9 gas utilities in region have committed to project as initial shippers, at level of approx. 500,000 dekatherms per day (Dth/d). In FERC pre-filing process as of 9-14. Updated routes announced, 12-8-14.
Access Northeast	Spectra Energy, Eversource Energy, National Grid	The gas pipeline expansion project will enhance the Algonquin and Maritimes pipeline systems and market area storage assets in New England to deliver up to one billion cubic feet of natural gas per day for electric generation markets. Alliance with Iroquois Gas Transmission announced, 12-14.	Nov. 2018	Announced 9-14. Solicitation of interest held, fall 2014. Open season announced, 2-18-15 to run till May 1, 2015.