

PLANNED ENHANCEMENTS, NORTHEAST NATURAL GAS PIPELINE SYSTEMS *(as of 11-28-14)*

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 & Northeast Connector	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. 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, NY.	Northeast Connector – Dec. 2014; Rockaway Lateral, 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.
Constitution Pipeline	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.	Late 2015	Announced spring 2012. Filed with FERC, 6-13. FERC issued final EIS, 10-14.
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.	2015	Announced 1-13. Filed with FERC, 6-13. FERC issued final EIS, 10-14.

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PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
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.
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
Northern Access 2015	National Fuel Gas Supply	Capacity of 140,000 Dth/day. Capacity lease to TGP from Ellsburry to East Eden.	Nov. 2015	Filed with FERC, March 2014.
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.
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.

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PROJECT	COMPANY	DESCRIPTION	EST. IN-SERVICE	STATUS
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.
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 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. Open season re-convened, Dec. 2013 – Jan. 2014.
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. 2016	Open season held, Dec. 2013 – Jan. 2014.
Atlantic Bridge	Spectra Energy	Incremental expansion on Algonquin and Maritimes & Northeast, to serve northern New England and Canadian Maritimes. Capacity increase from 100 to 600,000 Dth/d.	2017	Announced, Feb. 2014. Open season held, Feb.- March, 2014.
Eastern Long Island (ELI) Project	Iroquois Gas Transmission	Proposing to build a marine lateral from its pipeline in LI Sound to a landing point at Shoreham, NY and then extent to connect with Caithness power plant and potentially National Grid.	2017	In proposal stage.

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PennEast Project	AGL Resources, NJR Pipeline Company, South Jersey Industries, UGI Energy Services, 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.
Diamond East	Williams / Transco	Designed to provide up to one billion cubic feet per day of new natural gas transportation capacity from receipt points along its Leidy Line in Lycoming County, PA and Luzerne County, PA to its Market Pool at Station 210 in Mercer County, NJ where it can provide supply diversity to Transco's northeast market, including existing Pennsylvania, New Jersey and New York local distribution companies and power generators.	Mid-2018	Open season announced, Aug. 26 to Sept. 23, 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 approximately 50 miles of pipeline co-located with TGP's existing system and 129 miles of greenfield pipeline, additional meter stations and compressor stations, and modifications to existing facilities in Pennsylvania, New York, Massachusetts, Connecticut, and New Hampshire. Proposed scalable capacity from 0.8 to 2.2 Bcf/d.	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.
Access Northeast	Spectra Energy and Northeast Utilities	The gas pipeline expansion project will enhance the Algonquin and Maritimes pipeline systems, using existing routes to minimize effects on communities, landowners and the environment. The project will be scalable to meet growing needs by expanding access	Nov. 2018	Announced 9-14. Solicitation of interest held, fall 2014.

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		to clean, abundant and affordable natural gas, and will be capable of reliably delivering in excess of one billion cubic feet of natural gas per day to serve the region's most efficient power plants and meet increasing demand from heating customers.		
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