

Description of Pipelines/LNG Import Facilities Serving the Northeast Market

(updated December 2009)

Algonquin Gas Transmission Company is a business unit of Spectra Energy. Its system incorporates approximately 1,120 miles of pipe, with 11 interconnections/receipt points. Its system commences in NJ, connecting with Texas Eastern, and extends through NY, CT, northern RI, and eastern and southeastern MA. Its capacity is 2.5 Bcf/d.

Distrigas of Massachusetts Corporation (DOMAC), a subsidiary of GDF SUEZ, owns and operates an LNG import terminal in Everett, Massachusetts. It interconnects with both the Tennessee and Algonquin systems. It began operation in 1971. Its vaporization sendout is approx. 715 MMcf/d, with another 100 MMcf/d by truck. Its storage is 3.4 Bcf.

Columbia Gas Transmission, Inc. is a subsidiary of NiSource, Inc. and headquartered in Richmond, VA. The company serves customers along its nearly 12,000-mile pipeline system in 15 Northeastern, Midwestern, and Mid-Atlantic states. It transports an average of 3 Bcf/day. It enters New York State through Pennsylvania; it also serves New Jersey.

Dominion Transmission, Inc., headquartered in Richmond, VA, is the interstate gas transmission subsidiary of Dominion Resources. Primarily a provider of gas transportation and storage services, Dominion Transmission, Inc. operates the world's largest underground natural gas storage system. Dominion Transmission, Inc. maintains 7,800 miles of pipeline in six states—Ohio, West Virginia, Pennsylvania, New York, Maryland and Virginia. The system enters New York State through Pennsylvania, and extends to points in western, central, and eastern New York, extending to the Albany area.

Empire State Pipeline is a subsidiary of National Fuel Gas Company. Empire is a 24-inch diameter natural gas transmission pipeline that originates at the U.S./Canada border at Niagara, and extends easterly 157 miles from Buffalo, NY to near Syracuse, NY. In 2008, its Connector Project provided a link to Corning. Constructed in 1992 and in service since 1993, Empire has a design capacity of 525 million cubic feet per day; the Connector Project adds an additional 250,000 of capacity.

Excelerate Energy operates the Northeast Gateway Deepwater LNG Port facility located approx. 13 miles offshore near Cape Ann, MA. The facility received its first shipment in May 2008. The physical infrastructure consists of a dual subsea buoy system and an approx. 16 mile long pipeline connecting into the HubLine pipeline operated by Algonquin Gas Transmission. The Northeast Gateway infrastructure can accommodate gas deliveries up to 800 million cubic feet per day.

Granite State Gas Transmission, Inc. is a unit of Unifil. Granite State operates 86-miles of underground interstate pipeline extending from the MA-NH border through the New Hampshire coastal area to Portland, Maine, transporting gas from other pipeline companies. The NH portion began operation in 1956; in 1966 the line was extended to Maine.

Iroquois Gas Transmission System is a 411-mile interstate pipeline owned by a partnership of 5 U.S. and Canadian energy companies. It began full operation in 1992. It transports natural gas from TransCanada PipeLine at the Ontario/NY border and travels through NY and CT to Long Island and into the New York City area. It has a peak day deliverability of about 1.5 Bcf/d.

Maritimes & Northeast Pipeline (M&NE) is sponsored by an international consortium of energy companies. It transports gas from the Sable Island Offshore Energy Project of Nova Scotia to markets in Atlantic Canada and New England. The total pipeline is 875 miles, with about 300 miles located in Maine, New Hampshire and Massachusetts. Its capacity is 800 MMcf/d.

Millennium Pipeline traverses New York's lower Hudson Valley and Southern Tier. It is comprised of 182 miles of 30 inch diameter steel pipeline and related 15,000 horsepower compressor station capable of transporting up to 525,000 dekatherms per day of natural gas. It is owned by subsidiaries of NiSource, National Grid and DTE Energy. It began commercial operations in December 2008.

National Fuel Gas Supply Corporation provides interstate natural gas transmission and storage for affiliated and nonaffiliated companies through an integrated gas pipeline system of 2,966 miles that extends from southwestern Pennsylvania to the New York-Canadian border at the Niagara River. It also owns and operates 28 underground natural gas storage areas and is co-owner and operator of four others.

North Country Pipeline is an intrastate pipeline of approximately 22 miles that runs from the Canadian border in northeastern New York near Champlain to the Plattsburgh area, with natural gas imported from the TransCanada system. It has a capacity of about 100 DTH/day.

Portland Natural Gas Transmission (PNGTS) is sponsored by an international consortium of energy companies - TransCanada PipeLines and Gaz Métro. It transports western Canadian gas to New England from an interconnection with TransCanada PipeLines (through the TQM extension). On the U.S. side, it involves 292 miles of pipeline including 50 miles of variously sized laterals, extending through northern NH to southern Maine and interconnecting with Maritimes & Northeast through the Joint Facilities. Its capacity is 168,000 Mcf/d. It interconnects with the Maritimes & Northeast Pipeline at Westbrook, Maine; from there, the Joint Facilities line extends to Dracut, MA.

Repsol operates the Canaport LNG facility located in Saint John, New Brunswick, Canada; its project partner is Irving Oil. The facility received its first shipment in June 2009. The physical infrastructure consists of two storage tanks of 3.3 Bcf each, with a third tank of similar

size expected in-service in spring 2010. The terminal has a firm sendout capacity of 1 Bcf/day. Regasified LNG from the terminal flows through the Brunswick Pipeline, a 90 mile pipeline connecting the terminal to the Maritimes & Northeast Pipeline at the Maine border.

Tennessee Gas Pipeline Company is a business unit of El Paso Corporation. The Tennessee Gas Pipeline has 14,700 miles of pipe. Tennessee’s system enters New England at two points: western Mass. near West Pittsfield and southern Connecticut near Greenwich. It enters New York at several points – from southwestern Pennsylvania, central Pennsylvania, an interconnect at Niagara, and through New Jersey into the New York City area and on to Connecticut. It has 90 Bcf of storage, 73 compressor stations, and a winter peak of 7.7 Bcf/d.

Texas Eastern Transmission Company is a business unit of Spectra Energy. Its system incorporates approximately 9,200 miles of pipe, from the U.S. Gulf Coast to New Jersey. Its capacity is 6.7 Bcf/d, with storage of 75.1 Bcf.

TransCanada PipeLine has a network of approximately 25,600 miles of pipeline which transports the majority of western Canada’s natural gas production to the fastest growing markets in Canada and the United States. Its 2008 mainline throughput averaged 9.5 Bcf/d. It interconnects with several systems serving New York and New England.

Transcontinental (Transco) is a subsidiary of Williams Company. The Transco pipeline comprises an 10,500-mile pipeline system, extending from South Texas to New York City. The system design capacity is 8.4 billion cubic feet per day. In the Northeast, it provides gas service to New York City, New Jersey and the Mid-Atlantic region. It has 44 compressor stations and 216 Bcf of seasonal storage.

