Description of Pipelines/LNG Import Facilities Serving the Northeast Market

**Algonquin Gas Transmission Company** is a business unit of Spectra Energy Partners, an Enbridge company. Its system incorporates approximately 1,129 miles of pipe. Its system commences in NJ, connecting with Texas Eastern, and extends through NY, CT, northern RI, and eastern and southeastern MA. Its capacity is 3.08 Bcf/d.

**Columbia Gas Transmission, Inc.** is a subsidiary of TC Energy and is headquartered in Houston, TX. The company serves customers along its 12,000-mile pipeline system in 10 Northeastern, Midwestern, and Mid-Atlantic states. It transports an average of 3 Bcf/day. It enters New York State through Pennsylvania and runs along the southern counties of New York bordering Pennsylvania; it also serves New Jersey. It has storage of more than 650 Bcf.

**Con Ed Transmission** (CET) invests in electric and gas transmission projects. The company was established in January 2016 after parent company Consolidated Edison, Inc. identified electric and gas transmission as two key areas of expertise and focus for the business. CET falls under the oversight of the Federal Energy Regulatory Commission. CET operates Con Edison Gas Pipeline and Storage, LLC, which invests in gas pipeline and storage businesses. In January of 2016, Con Edison Transmission announced its first investment in natural gas infrastructure with the Mountain Valley Pipeline. CET also formed a joint venture with Crestwood Equity Partners, known as Stagecoach Gas Services. Stagecoach Gas Services operates 41 billion cubic feet of storage capacity and approximately 185 miles of pipeline. Con Edison Transmission owns a 71.2% stake in Honeoye Gas Storage. Honeoye Gas Storage is a 6.7 Bcf natural gas storage field located in Ontario County, NY.

**Dominion Energy 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 Energy Transmission, Inc. maintains 3,900 miles of pipeline in six states—Ohio, West Virginia, Pennsylvania, New York, Maryland and Virginia. The system enters New York State through Pennsylvania, and continues to points in western, central, and eastern New York, extending to the Albany area.

**Empire 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 249 miles from Buffalo, NY to near Syracuse and then south to Corning. Constructed in 1992 and in service since 1993, Empire has a rated capacity in excess of 750 million cubic feet per day.

**Everett LNG**, a subsidiary of Exelon Generation (Constellation), operates an LNG import terminal in Everett, MA. 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. The facility, formerly known as Distrigas, has received over 1,200 cargoes, and served more than 350,000 truck loads.
**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 buoysystem and an approx. 16 mile long pipeline connecting into the HubLine pipeline operated by Algonquin Gas Transmission. The Northeast Gateway infrastructure is designed to accommodate gas deliveries up to 800 million cubic feet per day.

**Granite State Gas Transmission, Inc.** is a unit of Unitil. 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 416-mile interstate pipeline owned by a partnership of 4 U.S. and Canadian energy companies. It began operation in 1991. It transports natural gas from TC Energy at the Ontario/NY border as well as Marcellus receipts, and travels through NY and CT to Long Island and into the New York City area. It has a physical receipt capability of 1.7 Bcf/d. It interconnects with TransCanada, Dominion, Tennessee and Algonquin.

**Maritimes & Northeast Pipeline (M&NE)** is a partnership of Enbridge, Emera and ExxonMobil. It transports gas between New England and the Canadian Maritimes. The total pipeline is 684 miles. U.S. capacity is 833 MMcf/d; its capacity in Canada is 555 MMcf/d. It interconnects with the PNGTS system in Westbrook, ME.

**Millennium Pipeline** traverses New York’s lower Hudson Valley and Southern Tier. It is comprised of 220 miles of 30 inch diameter steel pipeline and is capable of transporting up to 850,000 dekatherms per day of natural gas. It is owned by subsidiaries of TC Energy/Columbia Pipeline Group, National Grid and DTE Energy. It began commercial operations in December 2008. It interconnects with eight systems. Its winter peak day is about 1.7 Bcf/d.

**National Fuel Gas Supply Corporation** provides interstate natural gas transmission and storage for affiliated and nonaffiliated companies through an integrated gas pipeline system of 2,300 miles that extends from southwestern Pennsylvania to the New York-Canadian border at the Niagara River. It also owns and operates 31 underground natural gas storage areas.

**Neptune LNG** is an LNG facility located approximately ten miles off the coast of Gloucester, MA. It is owned by ENGIE. It was completed in 2010. It connects with Enbridge’s underwater HubLine system via a 13 mile-interconnect. It was designed to deliver from 400 to 750 million cubic feet per day. It has been inactive since its start-up. It requested a multi-year suspension of its operating license in 2013 from the U.S. Maritime Administration (MARAD) which was granted. In December 2017, Neptune requested an extension of the license suspension from MARAD. The suspension was extended by MARAD in 2018 for another four years, or until 2022. MARAD notes: “the Neptune Port has remained inactive over the past several years and will likely remain inactive for the foreseeable future. For these reasons, Neptune requested MARAD’s authorization to formally suspend port operations for a period of four years. The suspension period became effective June 26, 2018, and will extend for a period of four years, to be measured in calendar days.”

**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 TC Energy system. It has a capacity of about 100 Dth/day.
Portland Natural Gas Transmission (PNGTS) is sponsored by an international consortium of energy companies - TC Pipelines LP and Energir. It transports western Canadian gas and Marcellus gas to New England markets at Dracut, MA and to Maine/Atlantic Canada markets at Westbrook, ME. On the U.S. side, it involves approximately 300 miles of pipeline including 50 miles of variously sized laterals, extending through northern NH to southern Maine and interconnected with Maritimes & Northeast through the Joint Facilities. Its current capacity is 240 Dth/d. It interconnects with the Maritimes & Northeast Pipeline at Westbrook, ME; 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 three storage tanks with total capacity of 9.9 Bcf. The terminal has a maximum sendout capacity of 1.2 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. Since its start-up, it has delivered about 400 Bcf to the market. The facility marked its 10th year of operation in 2019.

Tennessee Gas Pipeline Company is a business unit of Kinder Morgan. The Tennessee Gas Pipeline has 11,750 miles of pipeline. 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 109 Bcf of storage. It recorded a systemwide peak day of 11.7 Bcf/d in January 2019.

Texas Eastern Transmission Company is a business unit of Spectra Energy Partners, an Enbridge company. Its system incorporates approximately 9,096 miles of pipe, from the U.S. Gulf Coast to New Jersey. Its peak capacity is 10.84 Bcf/d, with storage of 74 Bcf.

TC Energy (formerly known as TransCanada Pipeline) has a network of approximately 56,000 miles of pipeline which tap into virtually all major gas supply basins in North America. It interconnects with several systems serving the Northeast. It has more than 650 Bcf of working gas storage capacity. It acquired the Columbia Pipeline Group in the U.S. in 2016.

Transcontinental (Transco) is a subsidiary of Williams Company. The Transco pipeline comprises a 10,200-mile pipeline system, extending from South Texas to New York City. The system design capacity is 15.8 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 197 Bcf of seasonal storage.