

## **PLANNED ENHANCEMENTS, NORTHEAST PIPELINE & STORAGE SYSTEMS (as of 11-7-05)**

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.

<b>PROJECT</b>	<b>COMPANY</b>	<b>DESCRIPTION</b>	<b>EST. IN-SERVICE</b>	<b>STATUS</b>
<b>Greyhawk Storage</b>	SemGas L.P.	The Wyckoff facility will be located in southwest NY State, near the Pennsylvania line, in proximity to 4 interstate pipeline systems. Phase I will have a working gas capacity of 6 Bcf and a maximum withdrawal capacity of 200,000 Dth/d.	2005/2006	Approved by FERC, 10-03
<b>Central New Jersey Expansion Project</b>	Williams	The expansion will provide an additional 105,000 dekatherms per day of firm natural gas transportation service in Transco's Northeastern market area. Approximately 3.5 miles of new 36-inch pipeline will be added along Transco's existing pipeline system in Burlington County, N.J.	Nov. 2005	Filed with FERC, 8-04; approved by FERC, 2-05; under construction
<b>Islander East</b>	Duke Energy / Algonquin Gas Transmission, KeySpan Energy Corp.	Will consist of approximately 50 miles of 24" pipe, extending from Algonquin's facilities in CT, across Long Island Sound, to Wading River, NY	2006	Approved by FERC, 9-02, pending permits
<b>Millennium Pipeline</b>	NiSource, Inc. , DTE Energy, KeySpan	Phase I will include the approx. 186-mile section of Millennium from Corning, N.Y., to Ramapo, N.Y. Phase I will transport 500,000 dekatherms of natural gas per day.	Nov. 2007 (Phase I)	Filed with FERC, 1997; FERC completed its formal review, 9-02; project developers announce new 2-phase development plan, 2-04; open season held, 6-05

<b>Empire Connector</b>	Empire State Pipeline / National Fuel Gas Supply Corp.	Involves constructing a pipeline southward from existing line near Rochester, N.Y., to connect with the Millennium Pipeline near Corning, N.Y., and a recently-announced interconnection with NFGS at Corning. Empire will construct approx. 79 miles of 24-inch diameter pipeline and two compressor stations. Designed to move initial 250 million cubic feet (MMcf) of natural gas per day.	Fall 2007	Project announced, 2-04; filed with FERC, 10-05
<b>Northeast ConneXion NY/NJ</b>	El Paso Corp./ Tennessee Gas Pipeline	Will provide 50,000 Dth/d of transportation service for 10 years from Tennessee's storage facilities in Pennsylvania to Ramsey, NJ and 51,500 Dth/d of storage deliverability from the Hebron storage field.	Nov. 2006	Will expand Tennessee's 300 line and deliverability from market area storage to provide service to northern New Jersey. Facilities include sections of pipeline loop, additional horsepower, and de-bottlenecking of dehydration facilities. Announced 3-05 that precedent agreements were executed. Filed with FERC, 5-05.
<b>Northeast ConneXion NE</b>	El Paso Corp./ Tennessee Gas Pipeline	Expand Tennessee's 200 Line through compression and looping to deliver up to 300,000 Dth/d of additional gas supplies from the Gulf, Niagara, and/or storage into New England and New York.	Nov. 2007	Project is designed to deliver 136,300 dekatherms of natural gas per day on Tennessee's system to the New England region from Gulf Coast supply sources. Tennessee proposes to install additional compression and pipeline looping on its 200 Line located on the north end of its pipeline system. Binding open season concluded 1-05.
<b>Essex – Middlesex Project</b>	El Paso Corp./ Tennessee Gas Pipeline	Proposes installation of 7.6 miles of 24" pipeline in Essex and Middlesex	Sept. 2007	Announced 2005.

		counties in eastern Mass. Will provide increased receipts from Everett LNG terminal: 82,300 Dth/d to Zone 6 deliveries.		
<b>Market Access Expansion</b>	Iroquois Gas Transmission Project	Offers any prospective shipper the opportunity to express its interest in acquiring new capacity from any receipt point to any delivery point on the Iroquois system.	Nov. 2006	Announced, 3-05. Open season spring 2005.
<b>Maritimes &amp; Northeast Pipeline Phase IV Expansion</b>	Maritimes & Northeast Pipeline	Maritimes held open season to gauge market interest in transportation service for incremental supplies of natural gas that may become available through liquefied natural gas (LNG) or other supply projects that could connect to the Maritimes system in Atlantic Canada and New England. In response to the open season, Maritimes reported that customers requested service for approx. 1.5 billion cubic feet per day (Bcf/d) for deliveries in Canada and the northeastern United States.	2008	Open season held Feb. – Mar. 2005. Maritimes reported strong response, 4-05. Pre-filing made with FERC, Sept. 2005. PF05 - 17-000
<b>Atlantic Supply Expansion Project</b>	El Paso Corp./ Tennessee Gas Pipeline	The project is designed to respond to the growing interest in the development of liquefied natural gas (LNG) terminals located in eastern Canada and the Northeast, which are being proposed to bring additional natural gas supplies into the region. The project could bring up to an additional 250,000 dekatherms per day into the Tennessee system at its Dracut, MA, interconnection with the joint facilities of PNGTS	Nov. 2008	Open season held 3-05

		and M&NE.		
<b>PNGTS Open Season</b>	Portland Natural Gas Transmission System (PNGTS)	Open season for firm transportation capacity, for moving gas to the Northeastern U.S. and Eastern Canada markets via either forward haul or backhaul services on the PNGTS system.	2008/2009	Open season held, 6-05
<b>Sentinel Expansion Project</b>	Williams	The project is expected to provide between 200,000 and 300,000 dekatherms of natural gas per day to the region. The final project size, location of facilities and cost will be determined by the results of the open season. The Sentinel project will offer shippers the option to subscribe to firm transportation capacity from Pleasant Valley, the Leidy Hub, or any other receipt point downstream of the Leidy Hub and Pleasant Valley interconnects to points on Transco's system.	Nov. 2008	Open season announced, 10-05