

Wholesale Investigation (IR 15-124) Follow Up Staff Questions for Unitil Energy Systems (UES)

July 8, 2015

Instructions for responses: Please e-mail responses in PDF format to alexander.speidel@puc.nh.gov;

responses will be promptly posted to the NHPUC website here:

http://puc.nh.gov/Electric/Investigation_into_Potential_Approaches_to_Mitigate_Wholesale_Electricity_Prices.html

UES Responses:

1. UES Response to request 2 issued on June 22, 2015. Please provide an updated version of Table III-5, which UES provided in response to this request.

RESPONSE: Please see attached.

Table III-5: Forward Basis Differentials¹

Split-Yr (Nov-Oct)	Winter (Nov-Mar)			Summer (Apr-Oct)			Annual (Nov-Oct)		
	TETCO M3- Henry Hub	ALGCG- Henry Hub	ALGCG- TETCO M3	TETCO M3- Henry Hub	ALGCG- Henry Hub	ALGCG- TETCO M3	TETCO M3- Henry Hub	ALGCG- Henry Hub	ALGCG- TETCO M3
2015/2016	\$ 1.07	\$ 6.71	\$ 5.64	\$ (1.15)	\$ (0.42)	\$ 0.73	\$ (0.22)	\$ 2.55	\$ 2.78
2016/2017	\$ 1.07	\$ 4.73	\$ 3.66	\$ (0.93)	\$ (0.60)	\$ 0.33	\$ (0.10)	\$ 1.62	\$ 1.72
2017/2018	\$ 1.04	\$ 3.96	\$ 2.92	n/a	n/a	n/a	n/a	n/a	n/a
Forward Avg. (2015/16-2017/18)	\$ 1.06	\$ 5.13	\$ 4.07	\$ (1.04)	\$ (0.51)	\$ 0.53	\$ (0.16)	\$ 2.09	\$ 2.25

2. Please list prospective pipeline projects that could influence pricing at TETCO M3.

RESPONSE: The following are pipeline infrastructure projects that may influence pricing at TETCO M3. Please note that this list of projects is not meant to be exhaustive.

Project Name	Company / Sponsor	Proposed In-Service Date	Project Description
East Side Expansion	Columbia Pipeline Group (Columbia Gas)	4Q2015	Expansion of facilities to transport Marcellus production to Mid-Atlantic markets
New Market Project	Dominion	Nov. 2016	Incremental firm transportation capacity to serve traditional markets in New York State
Northeast Energy Direct (NED) - Market	Kinder Morgan (TGP)	Nov. 2018	New and co-located pipeline facilities extending from Wright, NY to an interconnect with the Joint Facilities, Maritimes & Northeast Pipeline System and PNGTS at Dracut, MA and Tennessee's existing 200 Line near Dracut, MA

¹ Source: Source: Sussex analysis of forward settlement prices as of June 30, 2015 from Bloomberg Professional.

Project Name	Company / Sponsor	Proposed In-Service Date	Project Description
Northeast Energy Direct (NED) - Supply	Kinder Morgan (TGP)	Nov. 2018	New and co-located pipeline and two pipeline looping segments on Tennessee's existing 300 Line in PA, and compression facilities designed to receive gas from Tennessee's 300 Line for deliveries to Tennessee's existing 200 Line system and/or Market Path Component of the NED Project, near Wright, NY, Iroquois Gas Transmission System, LP, and/or the Constitution Pipeline Project
CPV Valley Lateral Project	Millennium	Apr. 2017	New lateral pipeline to serve the proposed CPV Valley Energy Center in Orange County, NY
PennEast Pipeline	AGL; NJR; SJI; UGI Energy Services; PSEG Power; Spectra Energy	Nov. 2017	New pipeline from interconnections with UGIES Auburn gathering system and Transco Leidy Line in Luzerne County, PA, to interconnections with Texas Eastern and AGT at Lambertville, Hunterdon County, NJ, and further to the northern origination point of Transco's Trenton-Woodbury Lateral in Mercer County, NJ
Algonquin Incremental Market (AIM) Project	Spectra Energy (Algonquin)	Nov. 2016	Firm transportation service from existing recipient points in Ramapo, NY, to various city-gate delivery points in CT, RI, and MA
Atlantic Bridge	Spectra Energy (Algonquin)	Nov. 2017	Transportation of natural gas supplies from a receipt point at Mahwah, NJ, to delivery points primarily in MA, ME and at the US-Canada border
Access Northeast	Spectra Energy (Algonquin)	2018 / 2019	Enhance the Algonquin and Maritimes pipeline systems; transport natural gas from multiple receipts point options that provide direct access to low-cost, domestic natural gas supplies
Appalachia to Market (A2M) Project	Spectra Energy (Texas Eastern)	Nov. 2018	Incremental firm transportation service from Appalachian region to an array of market points in Northeast U.S.
Marcellus to Market	Spectra Energy (Texas Eastern)	Nov. 2017	Firm transport to deliver new incremental production to markets in the Northeast
Greater Philadelphia Expansion	Spectra Energy (Texas Eastern)	2H2018	Extend the Texas Eastern system and to provide more firm transport along or near the existing Philadelphia lateral
Garden State Expansion	Williams (Transco)	2016 / 2017	Firm transportation from Transco's Zone 6 Station 210 Pooling Point in Somerset County, NJ, to a new delivery point with New Jersey Natural Gas on Transco's Trenton Woodbury Lateral in Burlington County, NJ
New York Bay	Williams	Nov. 2017	Deliver additional natural gas into National

Project Name	Company / Sponsor	Proposed In-Service Date	Project Description
Expansion Project	(Transco)		Grid's distribution system through the Rockaway Delivery Lateral and the Narrows meter station
Constitution Pipeline	Williams; Cabot Oil & Gas; Piedmont Natural Gas; WGL Holdings	2H2016	New pipeline to transport gas from two receipt points in production areas in Susquehanna County, PA to proposed interconnection with Iroquois at new transfer compressor station in Wright, NY and through a capacity lease on Iroquois to delivery points on Iroquois and TGP