IROQUOIS GAS TRANSMISSION SYSTEM, L.P.

Connecticut Power & Energy Society

Project Development: Natural Gas Infrastructure Projects Serving Customers in Connecticut,

April 13, 2016
Iroquois Gas Transmission System

- Commenced Operations in 1991
- Primary Markets
  - New York City
  - Long Island
  - Connecticut
- 1.6 Bcf/d Physical Receipt Capability:
  - TransCanada = 1.2 Bcf/d
  - Algonquin = 0.4 Bcf/d
- Piping
  - 416-mile of 30” and 24” pipeline
  - MAOP = 1440 psig
- Pipeline Interconnects:
  - TransCanada
  - Dominion
  - Tennessee (200 and 300 lines)
  - Algonquin
- 7 Compressor Stations - 106,400 HP
- Mainline Interzone Rate = $0.37/Dt
  (Max. Fuel = 1%)
- Eastchester Rate = $0.635/Dt
  (Max. Fuel = 4.5%)
Iroquois’ Infrastructure Projects

SUPPLY *Push*
- Constitution Pipeline / Iroquois’ WIP Project
- Dominion’s New Market Project

DEMAND *Pull*
- Iroquois’ SoNo Expansion
  - MA & RI RFP to acquire pipeline capacity for EDCs
- Iroquois’ Zone 2 Expansion
  - Connecticut RFP to acquire pipeline capacity for EDCs
Constitution / Wright Interconnect Project

- Capacity = 650 MDt/d
- Easily expandable to ~ 1,300 MDt/d
- Status = Permitting (NYDEC)
- In-Service Date = 3Q/4Q 2017, originally March 2015 (a 2½ year delay)
Dominion Projects

**New Market Project**
- Capacity = 84 MDt/d
- Status = Permitting
- In-Service Date = Late 2016 ??

**New Market II Project**
- Capacity = 200 MDt/d?
- Status = Conceptual
- In-Service Date = 2019?
Iroquois – Supply PUSH Projects

- TCPL Existing  1,220,000 Dt/d
- AGT Brookfield  410,000 Dt/d
- DTI New Market  82,000 Dt/d
- Constitution Pipeline  650,000 Dt/d

TOTAL  2,362,000 Dt/d
Iroquois - South to North (SoNo) Project

- Initial Capacity = 150 - 300 MDt/d
- Maximum Capacity = 1,200 MDt/d
- Status = Prospecting
- In-Service Date = 2017
MA/RI RFP to acquire pipeline capacity for EDCs

- Bidders – TGP, AGT, PNGTS/IGTS/TCPL, IGTS, Repsol, GDF Suez, Stolt LNGas of Canada
- Evaluation Criteria
  - (1) Confirm with requirements of RFP
  - (2) Quantitative Analysis – “landed cost”
  - (3) Qualitative Analysis – improve reliability / wholesale $
- Term Precedent - Receipt of Authorization from the FERC on or before [DATE] allowing Shipper to release capacity to electric generators on a preferential basis.
- Access Northeast – Spectra/Eversource/NationalGrid
  - Reach largest number of power plants
  - Liquidity of receipt and delivery points
  - Provide operational flexibility – i.e. – no notice / fast start services
Iroquois’ Zone 2 Expansion

- Receipt – Constitution (Wright) preferred, Waddington available
- < 200 MDt/d, Compression only
- > 200 MDt/d, Compression + Loop
- Cricket Valley, Dover NY – 1,000 MW
- PSEG Bridgeport – 484 MW
CT RFP to acquire pipeline capacity for EDCs
Thank You