Managing Growth in the Greater Springfield Market

Northeast Gas Association
Regional Market Trends Forum - 2018

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Columbia Gas of Massachusetts
A NiSource Company
Over the Next Fifteen Minutes

• Overview of Columbia’s distribution systems
• How those systems are served by the interstate pipeline system
• Some specifics about the greater Springfield distribution system
• The specific challenge regarding serving new customers in a portion of that system
• A proposal to overcome the growth challenge
• Regulatory hurdles
Columbia Gas Service Territories

- Lawrence Division
- Massachusetts
- Springfield
- Brockton
- Attleboro
- Taunton
- Pittsfield
- Worcester
- Boston
- New Hampshire
- New York
- Vermont
- Connecticut
- Rhode Island
- Atlantic Ocean
Columbia Gas Service Territories

Springfield Division

Atlantic Ocean
Tennessee Gas Pipeline

Massachusetts:
- Pittsfield
- Springfield
- Worcester
- Lawrence
- Brockton
- Attleboro
- Taunton

New York

Rhode Island
Interstate Pipelines Serving Columbia Gas

Legend
- Tennessee Pipeline
- Spectra Pipeline
Interstate Pipelines Serving Columbia Gas
TGP, PNGTS, M&N & Repsol

Legend
- Tennessee Pipeline
- Spectra Pipeline
- M&N and PNGTS Pipeline
- PNGTS Pipeline
- Maritime and Northeast
Greater Springfield Service Territory
20 mile lateral
single stage, electric compressor
propane peaking facility
ability to interrupt one large customer
“borrowed” capacity
The Northampton (proposed) Solution

• **Tennessee Gas Pipeline improvements**
  – Upgrade compressor
  – Lateral upgrade

• **Columbia Gas improvements**
  – Construct a 6 mile lateral
  – New interconnect with Holyoke Gas & Electric

• **Holyoke Gas & Electric**
  – Distribution system improvements
  – Agreement to permanently release capacity on the Northampton lateral
Benefits to Greater Springfield

• Provide additional capacity into Northampton / Easthampton

• Provide Holyoke Gas & Electric with redundancy of supply delivery

• Provide greater reliability to 55,000 customers on eastern side of Connecticut River

• Supports the accelerated replacement of cast iron mains
A few of the Challenges

- State PUC approval for the TGP contract
- State Siting Board approval for the interconnect between Columbia and Holyoke Gas & Electric
- State PUC approval for investment in interconnect