



Access Northeast:
Meeting New England's Energy Needs



Project Developers:



Power Generation Resources at Risk

- ISO-NE recently identified over 4,000 MW of natural gas-fired generating capacity that is at risk this winter of not having sufficient fuel supplies on any given day.
- During the coldest weeks of the year, the natural gas infrastructure in New England is inadequate to meet the demand for gas for both heating and power generation.
- Approximately 15% of New England's electric generating capacity has announced plans to retire within five years.
- Recent and pending coal, oil and nuclear-powered generator retirements (including the Pilgrim Nuclear Power Station) will total nearly 4,200 MW between 2014 and 2019.

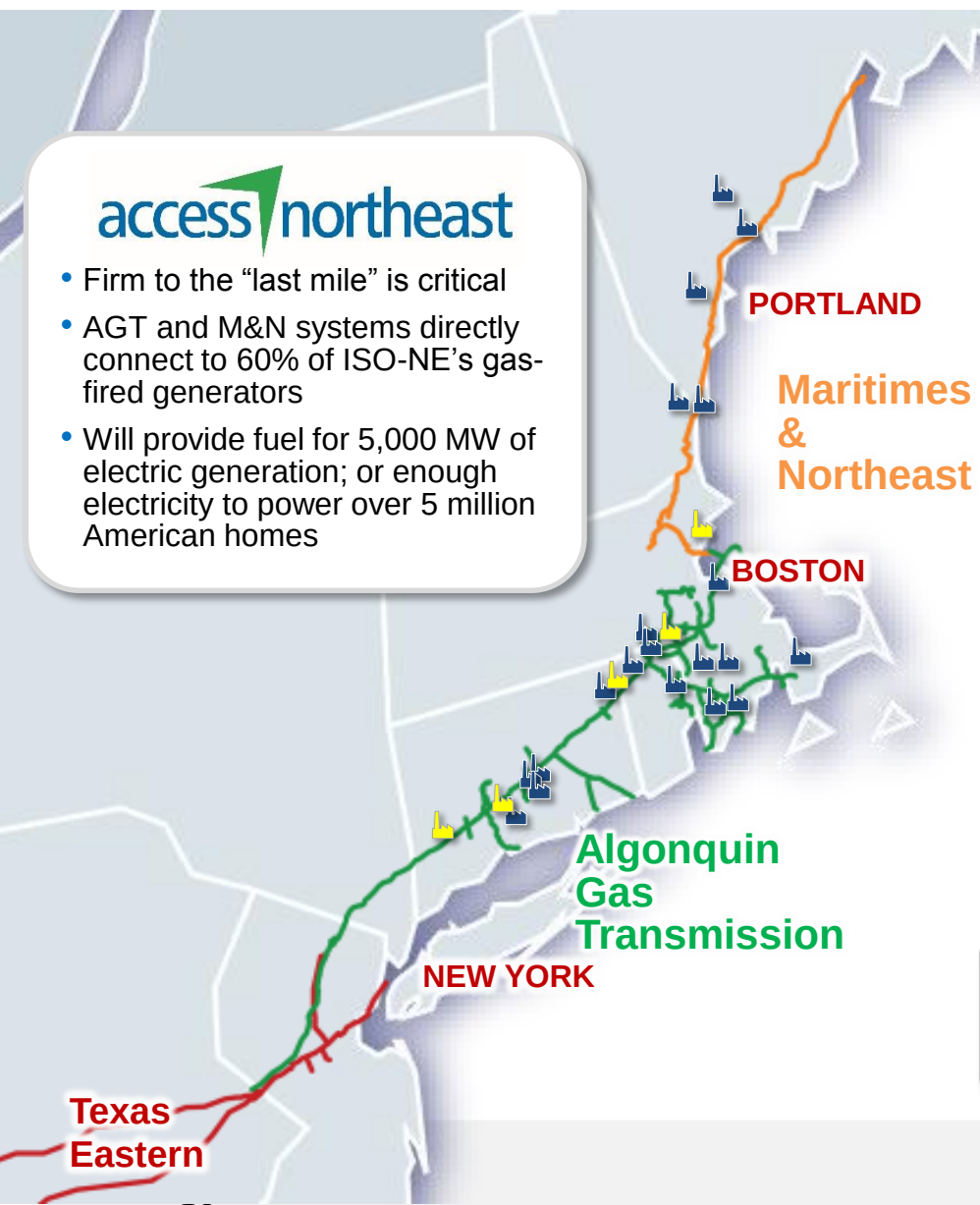


*ISO-NE, Vamsi Chadalavada Press Release, December 2015

Access Northeast - Purpose and Need

accessnortheast

- Firm to the “last mile” is critical
- AGT and M&N systems directly connect to 60% of ISO-NE’s gas-fired generators
- Will provide fuel for 5,000 MW of electric generation; or enough electricity to power over 5 million American homes



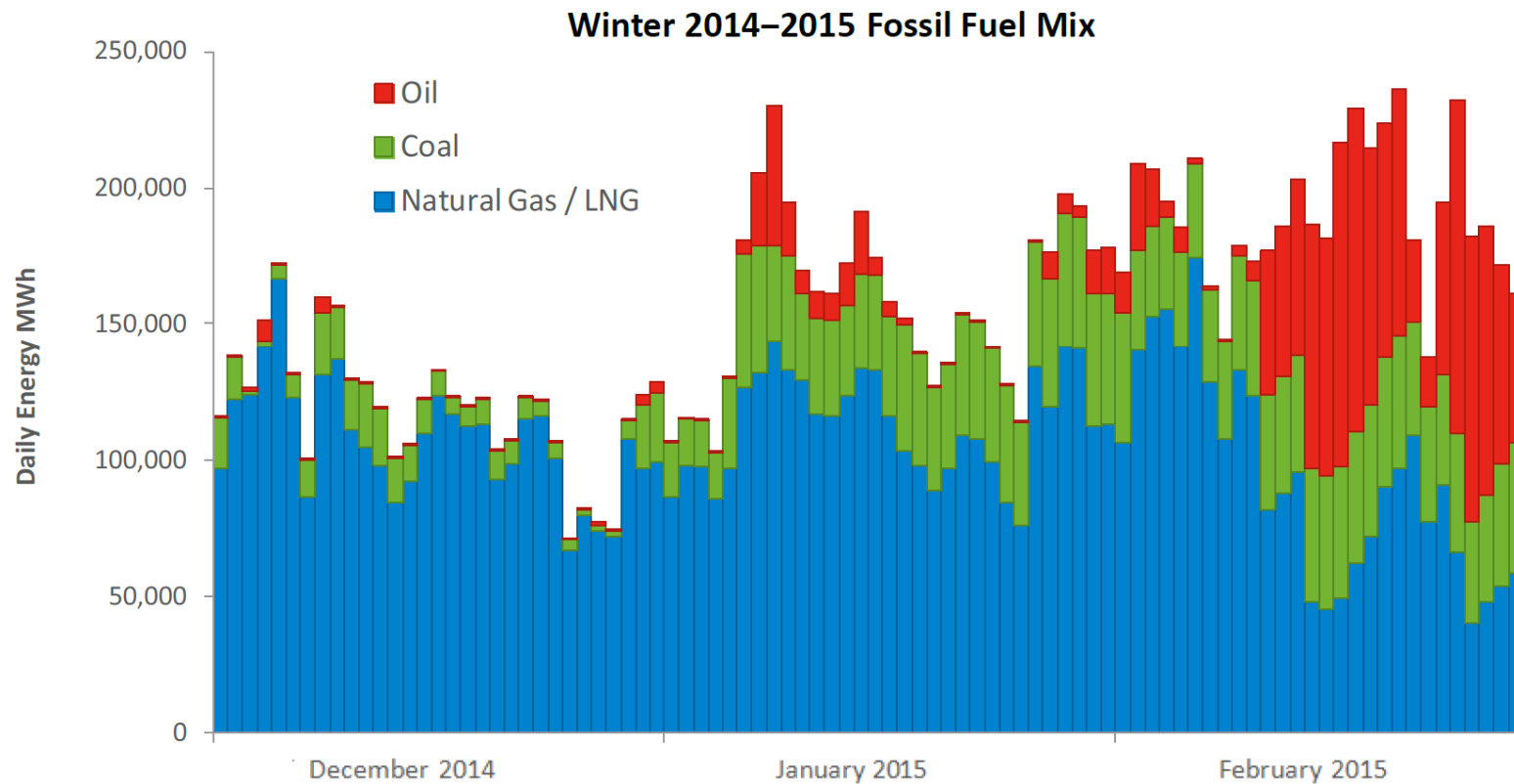
- Will provide 0.9 Bcf /day of natural gas to power plants by:
 - Upgrading existing Algonquin Pipeline
 - Add regional LNG storage
- Will increase access to plentiful natural gas supplies
 - Ensuring energy security
 - Lowering electric costs
 - Reducing carbon emissions
- Provides rapid response capability - a first of its kind service to electric generators that will:
 - Meet peak winter day needs
 - Back stop intermittent solar and wind renewable power

-  AGT and M&N systems directly connect to 9600 MW of ISO-NE gas fired power generation
-  New gas-fired generators totaling ~2750 MW attaching to AGT by 2019



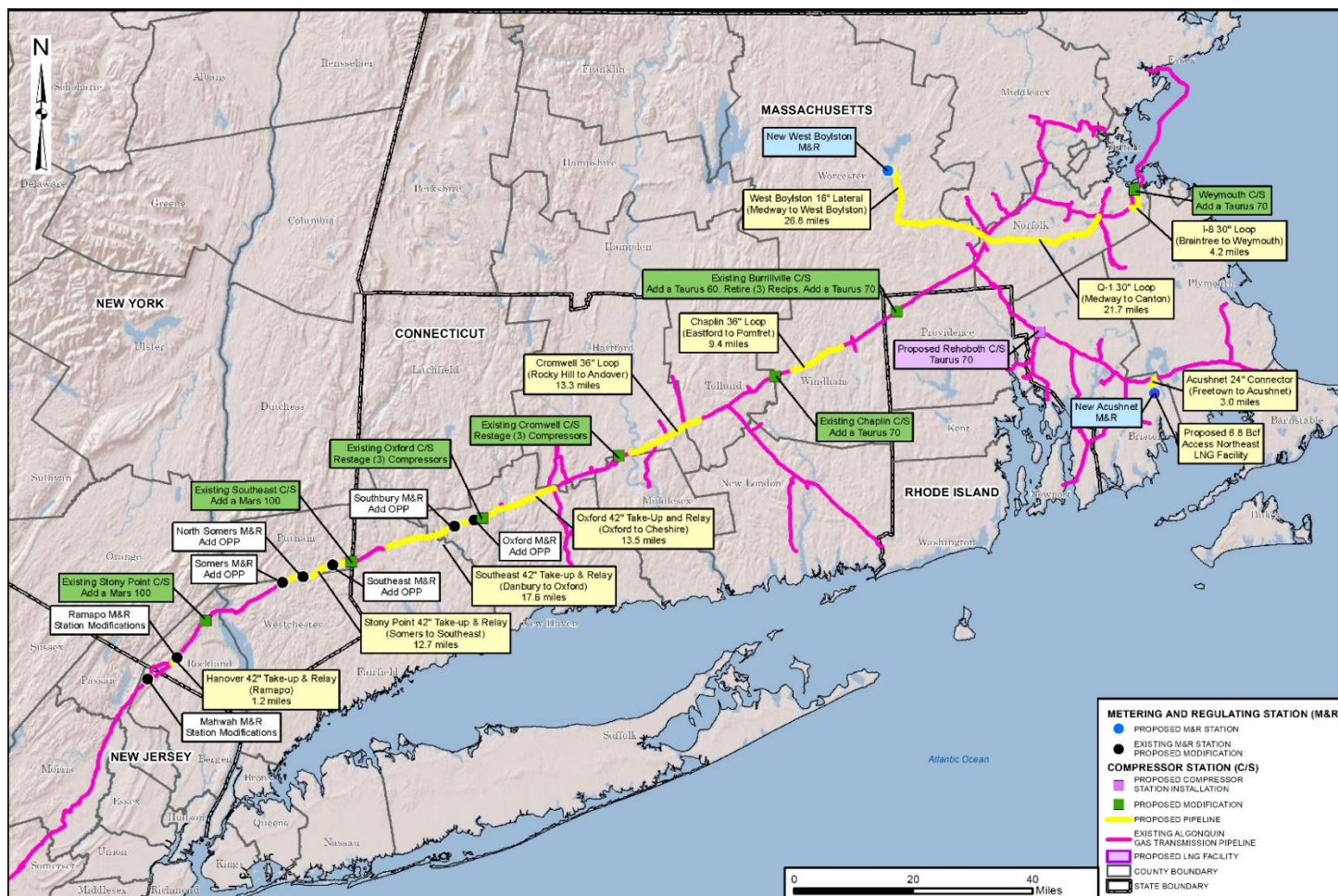
- Focuses squarely on the energy problem facing New England:
Winter gas supply
- Directly serves greatest number of natural gas-fired power plants
- Energy security from reduced dependence on foreign LNG imports
- Leverages existing assets, accelerating in-service date and reducing environmental impact
- Essential to support renewable capacity – wind and solar
- It will help stabilize electricity rates and will save the region billions of dollars in energy costs.
- Access Northeast is timely - it could begin service as early as 2018.

New England Shifts to Coal and Oil in the Winter



*ISO-NE, Gordan van Welie presentation, November 2015

Proposed Access Northeast Facilities – Project-wide



- 96.6 miles of existing mainline expansion
- 26.8 miles of new pipeline lateral
- Add additional hp/cooling at five (5) existing compressor stations
- Restaging at two (2) existing compressor stations
- Construct one (1) new Compressor Station
- Over 98% of pipeline expansion will be co-located within or along- side existing corridors

ACCESS NORTHEAST PROJECT
OVERVIEW MAP

LOC.: NEW JERSEY, NEW YORK, CONNECTICUT, MASSACHUSETTS, AND RHODE ISLAND	REV. DATE: 12/11/2015	REV.: 8
CKD BY: HMMHOL	ENG.: HMM 09/2015	W.O.: HMM 09/2015
DRN BY: HMMHOL	SCALE: GRAPHIC SCALE	PAGE: 1 OF 1

Project Scope – Rhode Island

This Project is designed to upgrade and expand existing facilities on the Algonquin pipeline system and construct a Liquefied Natural Gas (LNG) storage facility in New England to deliver, on peak days, up to 925,000 Dth/d of natural gas

Burrillville Compressor Station:

- Burrillville Compressor Station was constructed in 1961.
- Located off Wallum Lake Road, less than eight miles from the Connecticut-Massachusetts border and approximately twenty miles northwest of Providence.
- The existing compressor station is located on an 800+/- acre parcel of land owned by Algonquin and is contained within a fenced area of approximately 6+/- acres.

Proposed Modifications:

- Install one new natural gas fired turbine;
- Remove three existing reciprocating compressors and replace them with one lower emission turbine driven compressor;
- Maintain pressure of the natural gas in the existing pipeline system and provide the additional subscribed Project volumes to AN customers.



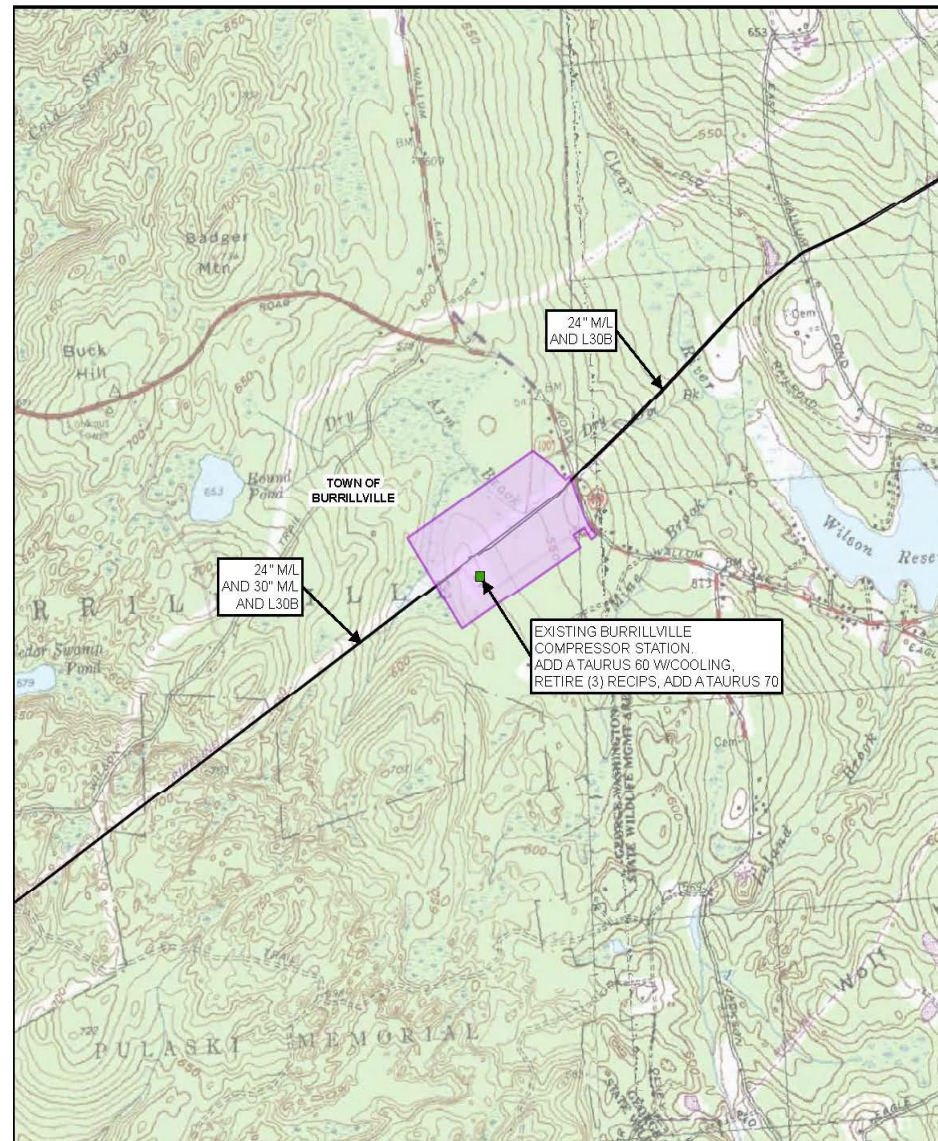
- Access Northeast - Location of Burrillville Compressor Station
- Rhode Island Boundary
- Town Boundary



Source: DRG, CORP, SPECTRA, USGS
Projection: NAD83, UTM zone 18N
Units: Meter, East, Unit: North

Spectra Energy
Partners
Algonquin Gas Transmission, LLC
140 Woodbury Ct., Norwalk, CT 06855-7001 (203) 847-4400

Created: 3/31/2015



- EXISTING COMPRESSOR STATION
- EXISTING AGT PROPERTY
- PROPOSED MODIFICATION
- EXISTING ALGONQUIN GAS TRANSMISSION PIPELINE



ACCESS NORTHEAST PROJECT BURRILLVILLE COMPRESSOR STATION (BURRILLVILLE) USGS QUAD EXCERPT (THOMPSON, CT)

LOC.: PROVIDENCE COUNTY, RHODE ISLAND			REV. 0
CKD. BY: HMMHOL	ENG.	DATE: 12/2015	WB.S.
DRN. BY: HMMHOL	SCALE: 1" = 2000'	DWG. NO.	BURR-E-6601

access northeast

Stakeholder Outreach

Early Outreach Complete

- Federal, state and local officials
- Federal and state agency meetings
- PHMSA coordination for LNG facility
- Property owners within study corridor

Informational Meetings

- Hosted 22 Landowner Informational Meetings (August - October 2015)

Open Houses

- Currently hosting 13 Open House Meetings (January 2016). FERC in Attendance
- Burrillville Open House held January 21, 2016
 - 28 attendees (4 public officials from Burrillville, *Providence Journal* reporter)

Proposed Project Schedule

Deliverables	Target Dates
Open Season	February - May 2015
Stakeholder Outreach (<i>Government Officials, Agencies, Landowners, other Stakeholders</i>)	Initiated in July 2015 (<i>ongoing</i>)
Informational Meetings	August - November 2015
Request to Initiate Pre-Filing	November 2015
Submit Draft Resource Reports 1 & 10 (Description & Alternatives)	December 2015
Open Houses	January 2016
Submit Draft Resource Reports 11 & 13	March 2016
FERC Scoping	March - April 2016
Submit Draft Resource Reports 1-12	June 2016
File Application and other Federal Permit Applications	November 2016
FEIS Issuance	October 2017
FERC Certificate Issuance Target Timeframe	January 2018
Final Agency Clearances Target Timeframe	2Q 2018
Commence Construction	2Q 2018
Initial Project In-Service	November 2018