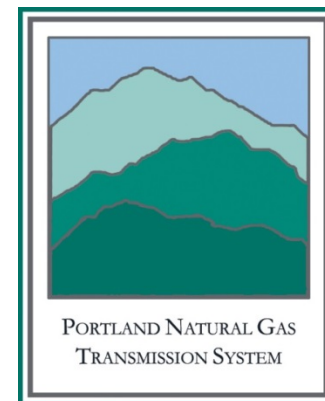




# PNGTS: *Winter Reliability Update*

Northeast Gas Association – *Pre-winter Briefing*

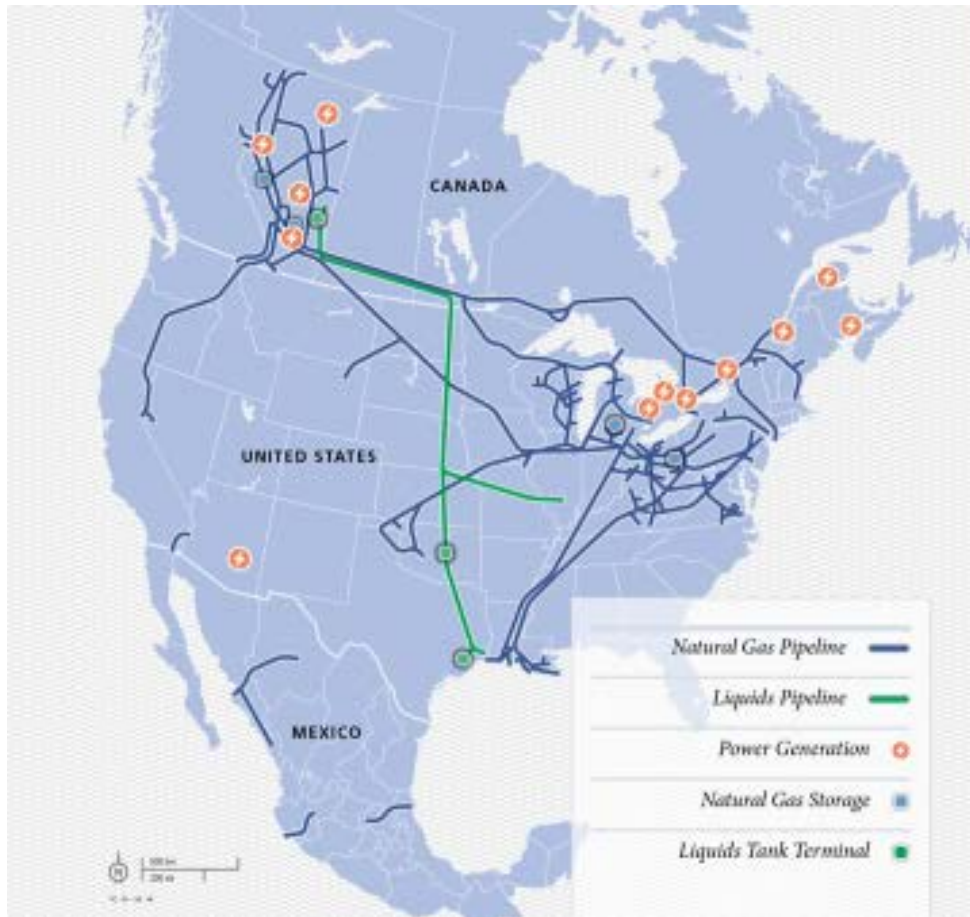
November 2, 2017



# Forward Looking Statement

This presentation may contain certain information that is forward-looking and is subject to important risks and uncertainties. The words "anticipate", "expect", "believe", "may", "should", "estimate", "project", "outlook", "forecast" or other similar words are used to identify such forward-looking information. Forward-looking statements in this presentation are intended to provide information regarding TransCanada and its subsidiaries, including management's assessment of PNGTS' future financial and operations plans and outlook. Forward-looking statements in this document may include, among others, statements regarding the anticipated business prospects and financial performance of PNGTS, expectations or projections about the future, and strategies and goals for growth and expansion. All forward-looking statements reflect TransCanada's beliefs and assumptions based on information available at the time the statements were made. Actual results or events may differ from those predicted in these forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among others, the ability of PNGTS to successfully implement its strategic initiatives and whether such strategic initiatives will yield the expected benefits, the operating performance of PNGTS, the availability and price of energy commodities, capacity payments, regulatory processes and decisions, changes in environmental and other laws and regulations, competitive factors in the pipeline and energy sectors, construction and completion of capital projects, and the current economic conditions in North America. By its nature, forward looking information is subject to various risks and uncertainties, which could cause actual results and experience to differ materially from the anticipated results or expectations expressed.. PNGTS undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

# PNGTS: Part of Major North American Energy Network



## TransCanada Corporation (TSX/NYSE: TRP)

### One of North America's Largest Natural Gas Pipeline Networks

- Operating 91,500 km (56,900 miles) of pipelines
- Transports ~25 per cent of continental demand

### North America's Largest Natural Gas Storage Operator

- More than 653 Bcf of capacity

### Canada's Largest Private Sector Power Generator

- 12 power facilities, approximately 6,200 MW
- Diversified portfolio, including wind, nuclear, solar and natural gas

### Premier Liquids Pipeline System

- Keystone Pipeline System: 4,300 km (2,700 miles), 545,000 bbl/d contracted capacity
- Safely delivered more than 1.5 billion barrels of Canadian oil to U.S. markets since 2010

### PNGTS' Ownership

TC PipeLines, LP	61.71%
GazMetro	38.29%

# TransCanada's Natural Gas Pipelines



## US Natural Gas Pipelines

### Size and Scale

- ~31,000 miles of pipeline
- ~548 BCF of storage
- Serve ~20% of all US deliveries
- ~2,800 employees
- Assets across 37 states

### Strategic Position

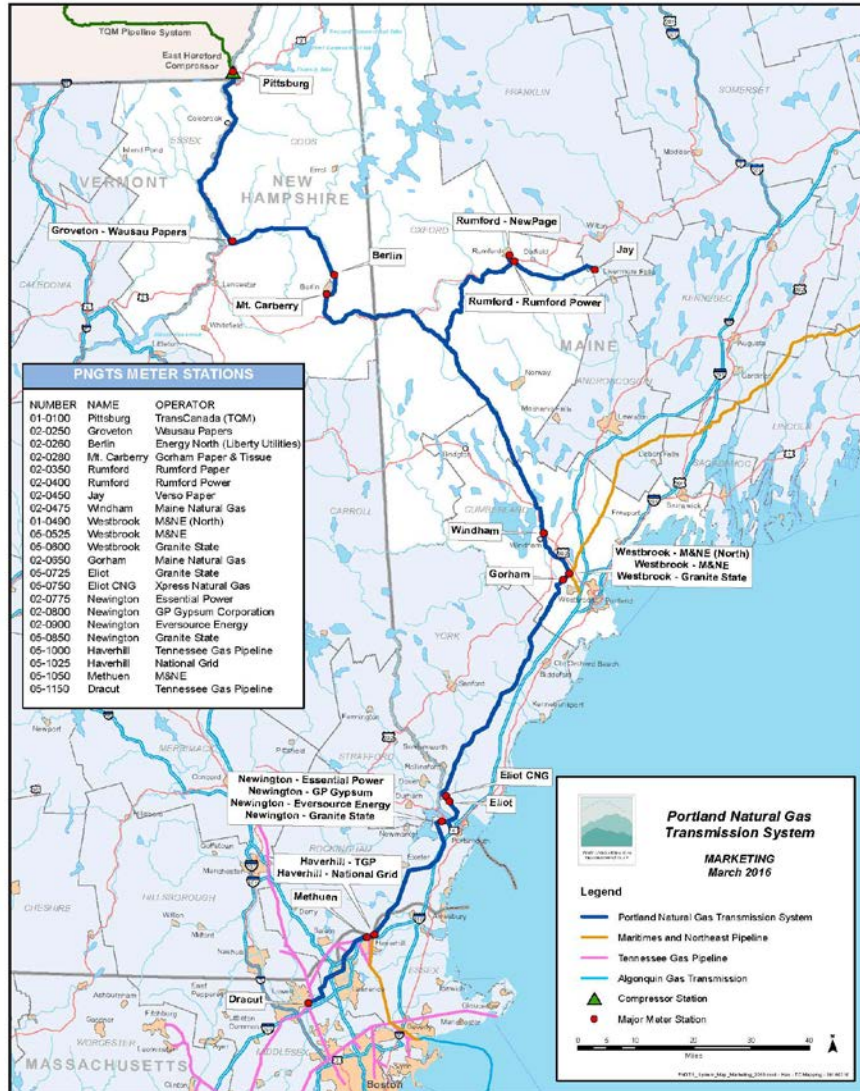
- Pre-eminent position in lowest cost supply basins
- Iroquois & PNGTS provide strategic connectivity in northeast

### Connectivity to High-Value Markets

- Traditional LDC markets across U.S.
- LNG, power generation and key interconnects

	2015	2017	2019
US Gas EBITDA (millions)	\$777	\$1,782	\$2,680
US Gas % of TC	~13%	~33%	~40%

# PNGTS: Overview



- In-service 1999
- High capacity, existing 24" and 30" pipe-in-ground, thru NH, ME, MA
- Backfeeds New England grid
- Interconnects with TCPL, TGP, MNE
- Delivers Marcellus and other North American supplies

# Winter Readiness for PNGTS

## ➤ Annual Maintenance Completed:

- ✓ Valve maintenance
- ✓ Cathodic Protection Surveys
- ✓ Odorant facility annual pump rebuilds
- ✓ Meter inspections

## ➤ Upcoming Maintenance:

- None scheduled for winter months

## ➤ Pipeline

- Linepack and throughput targets to be maintained
- Field Operations checking pipe regularly
  - ✓ Periodic checks
  - ✓ More frequent during extreme winter conditions

## ➤ PNGTS READY FOR WINTER MONTHS

# PNGTS 24 Hour Contact List

## **Gas Control Emergency**

24 Hour Gas Control Emergency: (800) 830-9865

## **Field Operations**

Wayne Oosterman

Office: (207) 892-0781

Cell: (207) 838-8512

Carl Nadeau

Office: (603) 788-4299

Cell: (207) 329-5401

## **Scheduling/Nominations**

Office: (866) 581-6487

## **Volume Planners**

Office: (403) 920-5500

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Contact:**

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