Forward-Looking Information

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.
1999 (In Service):
- Delivered Western Canadian Sedimentary Basin ("WCSB") gas to New England markets

Now:
- Delivers WCSB (Shales and Conventional) and Marcellus gas to New England and Atlantic Canada Markets
PNGTS’ Ownership

PNGTS = Partnership of TCPL and Energir (formerly GazMetro)

- TC PipeLines, LP 61.71%
- Energir 38.29%
Current Regional Natural Gas Landscape

• Severe Bottlenecks
• Cold Winter/Volatile Pricing
• Sable Island/Deep Panuke Decline and Impending Shut In
• Cancelled/Delayed Projects
• Increasing Electric Gen Demand
Increasing Demand for PNGTS Capacity

Average Annual Receipts at Pittsburgh

- Annual Nov-Oct
- (Canaport)
- (Deep Panuke)

<table>
<thead>
<tr>
<th>Year</th>
<th>Dth/day</th>
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<tbody>
<tr>
<td>2010-11</td>
<td>60,000</td>
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<tr>
<td>2011-12</td>
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<tr>
<td>2012-13</td>
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<td>2013-14</td>
<td>200,000</td>
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<tr>
<td>2014-15</td>
<td>250,000</td>
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<tr>
<td>2015-16</td>
<td>190,000</td>
</tr>
<tr>
<td>2016-17</td>
<td>170,000</td>
</tr>
<tr>
<td>2017-18</td>
<td>250,000</td>
</tr>
</tbody>
</table>

(to date)
PNGTS Total Volume: Receipts at Pittsburg

Max Flow: 298,303 Dth/d, 3/4/18

Avg Flow: 196,302 Dth/day
Impending Shutdown of Sable Island, Deep Panuke

Offshore Nova Scotia Supply

- Sable Island
- Deep Panuke
- Forecast
Current PNGTS Market Mix (by Flow Volume)

- **PNGTS Markets in NH, ME, MA**
  - PNGTS Generation 26%
  - PNGTS LDC 15%
  - PNGTS Industrial 4%

- **New England Markets**
  - Dracut 9%

- **Maine/Atlantic Canada Markets**
  - Westbrook 46%
Off System Annual Demand: To New England and Atlantic Canada/Maine

Dracut to New England and Westbrook to Atlantic Canada/Maine

- Dracut Avg: 18.1k/day To New England
- Westbrook Avg: 90.7k/day To AC/Maine

Dth/day


Dracut Westbrook M&NE
• In Service, with firm upstream capacity on TCPL

• 82,404 Dth/day

• Shippers:
  • Northern Utilities
  • Columbia of MA
  • Liberty Utilities
  • Irving Oil
Current Firm + Day-to-Day, Operationally Available Capacity

Pittsburg Receipts – Total Flows

Current Maximum Certificated Firm Capacity:
210,840 Dth/d
The Portland Xpress Project ("PXP")

- **Project Scope:**
  - LDC-based Project
  - Total Project Capacity of ~183,000 Dth/d
  - Construction (in Canada) on the TransCanada Mainline
  - Construction of Compression on PNGTS’ Joint Facilities
  - Nov-20 Target In-Service Date (phased-in over 3 year period 2018-2020)
PXP Project Overview

- **Phase I – Expected In-Service Nov 1, 2018**
  - Volume 40,000 Dth/day
  - Using Joint Facilities operational capacity on a short term basis

- **Phase II – Expected In-Service Nov 1, 2019**
  - Total volume 158,400 Dth/day
  - Recontracting expiring contracts

- **Phase III – Expected In-Service Nov 1, 2020**
  - Total volume 183,000 Dth/day
  - Construction of compression to replace Phase I operational capacity and meet total project volume need
The “New” PNGTS

The chart shows the projected distribution of PNGTS demand over time from 2017 to 2020. The breakdown is as follows:

- **Now (2017):** 210,840
- **2018:** 250,839
- **2019:** 250,839
- **2020:** 275,312

The categories are:
- **C2C**
- **Other Long Term**
- **PXP**
- **Original LTFT**
- **Short Term**

The chart also shows the progression towards 2040.
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Existing PNGTS/MNE Joint Facilities

Compressor Stations

(One Physical Pipe)

PNGTS

M&NE

Westbrook M&NE
Westbrook Granite State
Gorham

Eliot

Newington – Essential Power
Newington – GP Gypsum
Newington – PSNH
Newington – Granite State
Haverhill TGP
Haverhill National Grid
Methuen

Dracut

(PNGTS)

M&NE

Westbrook

Westbrook Granite State
Gorham

Haverhill TGP
Haverhill National Grid
Methuen

Dracut

Westbrook

Westbrook, ME

Compressor Station

Eliot, ME

Compressor Station

(PNGTS)

M&NE

Westbrook

Westbrook Granite State
Gorham

Newington – Essential Power
Newington – GP Gypsum
Newington – PSNH
Newington – Granite State
Haverhill TGP
Haverhill National Grid
Methuen

Dracut

Westbrook

Westbrook, ME

Compressor Station

Eliot, ME

Compressor Station

(Two Commercially Separate Pipelines, each with their own capacity)