NGA PRE-WINTER BRIEFING
DECEMBER 3, 2019

CORAINE CARTER SCULLEY
DIRECTOR – MARKETING
➢ ~11,750 miles of pipe
➢ Active supply/delivery meters ~700
➢ Storage capacity ~112 bcf
➢ Direct connected power ~27,740 mw
Overview

- Strong Winter Demand
  - 8 out of the Top-10 All-time System Peak Delivery Days occurred this past winter
- System-wide throughput increased 6% compared to previous winter
- Storage Inventories were slightly lower than the prior year’s levels at the end of winter
- System Wide Peak Day was ~11.72 Bcf/d on January 30, 2019
- Power Plant Peak Day was ~2.16 Bcf/d on January 30, 2019

Supply

- Avg Marcellus Supply 4.5 Bcf/d - down from previous Winters (Other projects in-service; Nexus and Atlantic Sunrise)/ More supply coming from Dracut/Distrigas

Operational Challenges
## WINTER 2018 - 2019 NORTHEAST FLOWS

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<tr>
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</thead>
<tbody>
<tr>
<td>LDC</td>
<td>1,284</td>
<td>1,376</td>
<td>1,582</td>
<td>+15%</td>
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<tr>
<td>Power</td>
<td>266</td>
<td>246</td>
<td>247</td>
<td>+0.5%</td>
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<tr>
<td>Pipeline Interconnects</td>
<td>1,488</td>
<td>1,560</td>
<td>1,524</td>
<td>-2%</td>
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<tr>
<td>TOTAL</td>
<td>3,038</td>
<td>3,181</td>
<td>3,353</td>
<td>+5%</td>
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- All volumes are MDth/d
OPERATIONS UPDATE

- **Pipeline Integrity ILI**
  - Segments inspected: **8**
  - Tools launched and received: **27**
  - Resultant digs for 2019 & 2020: **None**
    - Scheduled Digs planned for 2021
  - Outstanding inspections reports: **All have been received - No reports will initiate digs this winter!**

- **Pipeline Integrity Remediation**
  - Completed **43** anomaly digs and **10** ECDA projects (22 additional dig sites)
  - We continue to look for innovative ways to reduce customer impact
    - Dent Fatigue life analysis, foreign crossing review, etc.
Scheduled Maintenance

- All routine compressor station maintenance completed in early November.
  - Station/Unit Protective Devices
  - Compressor maintenance
  - Boroscope Inspections and Water Wash
  - Calibration/Testing of monitoring equipment
  - Test run units (as applicable)

- All routine pipeline and meter station maintenance completed in early November. Examples include:
  - Annual Valve Maintenance
  - Auto Closure Checks
  - Device Calibration/Meter Tests (Ongoing)

Winter Event Preparation

- Check/Test run emergency equipment (i.e. generators, heaters, etc)

Field Operations will be on site at key compressor stations during significant winter events.
NORTHEAST DEVELOPMENT LINE 261 UPGRADE – REGULATORY / PERMITTING PHASE

Details

- **Commercial Driver:**
  - Residential/commercial gas demand growth

- **Capacity:** 101,400 Dth/d

- **Customer:**
  - Columbia Gas of Mass (96,400 Dth/d)
  - Holyoke (5,000 Dth/d)

- **Phased In-service:** 2019-2020 timeframe

- **Project Scope:**
  - HP Replacement at Station 261
  - 2 miles of looping Springfield Lateral

- **Project Status:**
  - FERC 7C Application filed - October 2018
  - Federal Permit applications filed - October 2018
Commercial Driver:
- Residential/commercial gas demand growth

Capacity: 110,000 Dth/d

Customer:
- Consolidated Edison Company of New York

In-service: November 1, 2023

Project Scope:
- Compression only in NJ and PA

Project Status:
- BOD approvals - April 2019
- Binding Open Season - May 2019