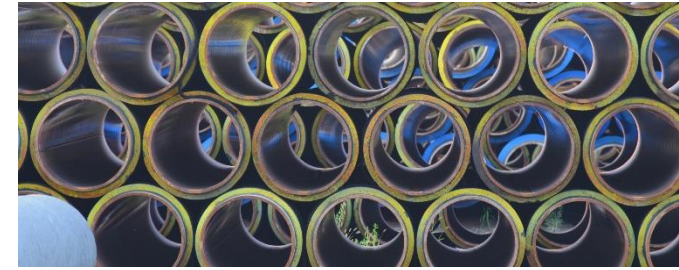




Delivering Energy to Improve Lives

2023 NGA Pre-Winter Briefing Meeting

Jim McCord – Tennessee Gas Pipeline/Kinder Morgan



2023/2024 Operational Focus and Winter Readiness

Reliable Service – Continuous Integration of new Asset (Stagecoach), Utilize System Flexibility, Make Further Investments, Refresh Critical Spare Parts Inventory, Monitor & Measure Performance & Take Action to Improve Continuously

Quality Product & Services – Measurement Accuracy (L&U) & Gas Quality Monitoring, Technician Response

Scheduled Maintenance - Maintenance by November 1; Compressor Station protective devices, borescope inspections and water wash, Calibration/Testing, Test run units (as applicable), Pipeline and meter station maintenance, Annual Valve Maintenance, Auto-close checks, Regulator and RV devices

Winter Weather Preparation - Inspect & test emergency equipment (i.e., generators, heaters, snow handling equipment, etc.), Contingency planning, Place personnel at key compressor stations, Communicate & coordinate with local customers.

Gas Control Engagement - Daily Morning Call (area, division, system), Gas control to Gas control, Pre-winter meetings with NE customers

- Segments inspected: 11
- Tools launched and received: 31
- Completed 43 anomaly digs and 3 DA projects
- 20 + Digs scheduled for 2024
- We continue to look for innovative ways to reduce customer impact
 - Dent fatigue life analysis
 - Foreign crossing review, etc.
 - Continued development of engineering analysis

Winter 2022-2023 Northeast Market Flows



	<u>2020-2021</u>	<u>2021-2022</u>	<u>2022-2023</u>	<u>Change</u>
LDC	1,565	1,573	1,414	-11%
Power	333	327	365	+10%
Pipeline Interconnects	1,487	1,561	1,549	-1%
TOTAL	3,385	3,461	3,328	-4%

Volumes are MDth/d

Winter Restrictions



WINTER RESTRICTIONS (AS OF TIMELY CYCLE)						
Restriction Point Highly Utilized TGP Paths	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)	Percentage Days Restricted (November - March)
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Sta. 200/204	68%	0%	0%	38%	0%	0%
Sta. 245	100%	100%	100%	100%	99%	100%
Sta. 261	81%	85%	63%	54%	76%	71%
Sta. 267	68%	2%	0%	0%	0%	0%
MLV 268	38%	9%	3%	5%	36%	27%
MLV 273	76%	99%	70%	100%	95%	100%
Sta. 315 BH	89%	61%	37%	100%	98%	100%
Sta. 321	92%	81%	100%	100%	99%	100%
MLV 355 BH	15%	34%	16%	28%	40%	55%
Mahwah	60%	98%	100%	100%	4%	94%
Rivervale	99%	88%	6%	0%	0%	13%

Winter Notices Requiring Customer Action



WINTER SEASON OFOS – ZONES 4, 5 AND 6

