

**TGP - Outage Impact Report
Seven Day Forecast (updated 08/13/20)**

-Primary impact restrictions may be necessary

-Major impact restrictions may be necessary

-Minor impact restrictions may be necessary depending on flow conditions

-Little to no impact, though minor outages may cause incremental reductions

Station / Seg	Est Nominal Operating Capacity (Thousand Dth)	Monday (8/17)	Tuesday (8/18)	Wednesday (8/19)	Thursday (8/20)	Friday (8/21)	Saturday (8/22)	Sunday (8/23)	Primary Outage(s) that may Impact Throughput
		Est. Operational Capacity (Operational Impact) - Thousand Dth							
Station 409 (Donna Line) (segment 490 FH)	575	575	575	575	575	575	575	575	
Station 1 (segment 101 BH)	270	270	270	270	270	270	270	270	
Station 9 (segment 109 BH)	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	
Station 25 (segment 125 BH)	875	875	875	875	875	875	875	875	
Station 823 (segment 823 BH)	682	682	682	682	682	682	682	682	
Station 834 (segment 834 BH)	689	689	689	689	689	689	689	689	
Station 548 (segment 542 BH)	1,514	1,514	1365 (149)	1,514	1,514	1,514	1,514	1,514	MLV 542-3 to MLV 541-3: Pig Run: Cleaning/Gauge 8/13/20 - 8/14/20, Combo 8/18/20 (8/13/2020 - 8/18/2020)
Station 860 (segment 548 BH)	1,534	1530 (4)	1530 (4)	1530 (4)	1530 (4)	1495 (39)	1495 (39)	1495 (39)	Sta 550: Unit 3A: Regrout (5/11/2020 - 11/30/2020) Sta 555: Unit 1A & 2A: Relief Valve Replacement (8/15/2020 - 8/17/2020) Sta 555: Unit 3A & 4A: Relief Valve Replacement (8/18/2020 - 8/20/2020) Sta 555: Units 1A to 3A: Automation Upgrade (8/21/2020 - 10/15/2020)
Station 860 North (Segment 860 BH)	1,821	1,821	1,821	1,821	1,821	1,821	1,821	1,821	
Station 110 (segment 187 BH) (south thru Kentucky)	2,623	2500 (123)	2500 (123)	2500 (123)	2500 (123)	2500 (123)	2500 (123)	2500 (123)	MLVS 97-2: Wrinkle Bend (4/16/2020 - 8/28/2020) MLV 106-4D to MLV 107-4: Pipe Re-coat (8/10/2020 - 8/24/2020) Sta 87: Unit 3D: Compressor Rings (8/17/2020 - 8/18/2020)
Station 114 (segment 114 BH)	923	923	923	923	923	923	923	923	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (8/8/2017 - 12/31/2020)
Station 204 (Segment 204 BH)	1,834	1700 (134)	1700 (134)	1700 (134)	1700 (134)	1700 (134)	1700 (134)	1700 (134)	Sta 209: Unit 7A: Engine Inspection (6/1/2020 - 11/20/2020) MLV 209-1 to MLV 213-1: Anomaly Remediation (7/29/2020 - 8/26/2020) Sta 204: Unit 4A: Piston Rings (8/3/2020 - 8/17/2020) Sta 204: Operational Conditions (8/6/2020 - 10/31/2020) Sta 209: Unit 6A: Punch Carbon (8/10/2020 - 8/20/2020) Sta 204: Unit 3A: Compressor Pistons (8/17/2020 - 8/27/2020)
Station 245 (segment 245 FH)	998	998	998	998	998	998	998	998	
Station 261 Discharge (segment 261 FH)	897	897	897	897	897	897	897	897	
Fitchburg Lat to Gloucester (segment 268 FH)	202	165 (37)	165 (37)	165 (37)	165 (37)	165 (37)	165 (37)	165 (37)	MLVS 268-1, 269-1 & 270-1: Anomaly Remediation (8/17/2020 - 9/19/2020)
Station 307 (segment 307 BH)	1,148	1120 (28)	1120 (28)	1120 (28)	1120 (28)	1120 (28)	1120 (28)	1120 (28)	Sta 307: Unit 6A: Engine Overhaul (3/16/2020 - 10/1/2020)
Station 315 (segment 315 BH)	1,927	1,927	1,927	1,927	1,927	1,927	1,927	1,927	
Station 325 (segment 324 FH)	1,599	1,599	1,599	1,599	1,599	1,599	1,599	1,599	
Station 405 HC Line (segment 299 FH)	803	803	803	803	803	803	803	803	

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**TGP - Outage Impact Report
August 2020 (updated 08/13/20)**

-Primary impact restrictions may be necessary

-Major impact restrictions may be necessary

-Minor impact restrictions may be necessary depending on flow conditions

-Little to no impact, though minor outages may cause incremental reductions

Station # / Lateral	Est Nominal Operating Capacity (Thousand Dth)	Week 1 (8/3 - 8/9)	Week 2 (8/10 - 8/16)	Week 3 (8/17 - 8/23)	Week 4 (8/24 - 8/30)	Primary Outage(s)
		Est. Operational Capacity (Operational Impact) - Thousand Dth				
Station 409 (Donna Line) (segment 490 FH)	575				575	
Station 1 (segment 101 BH)	270				270	
Station 9 (segment 109 BH)	1,011				1,011	
Station 25 (segment 125 BH)	875				775 (100)	Sta. 25: Annual ESD test (8/24/2020) Sta. 25: Annual Electrical Inspection (8/24/2020 - 8/28/2020)
Station 823 (segment 823 BH)	682				682	
Station 834 (segment 834 BH)	689				689	
Station 860 (segment 548 BH)	1,534				1435 (99)	Sta 550: Unit 3A: Regrout (5/11/2020 - 11/30/2020) Sta 555: Units 1A to 3A: Automation Upgrade (8/21/2020 - 10/15/2020) Sta 550: Bldg A: Fuel Meter (8/25/2020)
Station 860 North (Segment 860 BH)	1,821				1,821	
Station 110 (segment 187 BH) (south thru Kentucky)	2,623				2500 (123)	MLVS 97-2: Wrinkle Bend (4/16/2020 - 8/28/2020) MLV 106-4D to MLV 107-4: Pipe Re-coat (8/10/2020 - 8/24/2020)
Station 114 (segment 114 BH)	923				845 (78)	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (8/8/2017 - 12/31/2020) Sta. 118A: Annual ESD test & Station Maintenance (8/24/2020 - 8/29/2020)
Station 204 (Segment 204 BH)	1,834				1700 (134)	Sta 209: Unit 7A: Engine Inspection (6/1/2020 - 11/20/2020) MLV 209-1 to MLV 213-1: Anomaly Remediation (7/29/2020 - 8/26/2020) Sta 204: Operational Conditions (8/6/2020 - 10/31/2020) Sta 204: Unit 3A: Compressor Pistons (8/17/2020 - 8/27/2020) MLV 209-3 to MLV 213-3: Anomaly Remediation (8/24/2020 - 9/5/2020)
Station 245 (segment 245 FH)	998				998	
Station 261 Discharge (segment 261 FH)	897				897	
Fitchburg Lat to Gloucester (segment 268 FH)	202				165 (37)	MLVS 268-1, 269-1 & 270-1: Anomaly Remediation (8/17/2020 - 9/19/2020)
Station 307 (segment 307 BH)	1,148				1120 (28)	Sta 307: Unit 6A: Engine Overhaul (3/16/2020 - 10/1/2020)
Station 315 (segment 315 BH)	1,927				1675 (252)	Sta. 317: Exhaust Catalysts (8/25/2020 - 8/26/2020) Sta. 317: Annual ESD test (8/25/2020 - 8/26/2020)
Station 325 (segment 324 FH)	1,599				1,599	
Station 405 HC Line (segment 299 FH)	803				803	

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TGP - Outage Impact Report September 2020 (updated 08/13/20)						-Primary impact restrictions may be necessary
						-Major impact restrictions may be necessary
						-Minor impact restrictions may be necessary depending on flow conditions
						-Little to no impact, though minor outages may cause incremental reductions
Station # / Lateral	Est Nominal Operating Capacity (Thousand Dth)	Week 1	Week 2	Week 3	Week 4	Primary Outage(s)
		(8/31 - 9/6)	(9/7 - 9/13)	(9/14 - 9/20)	(9/21 - 9/27)	
Est. Operational Capacity (Operational Impact) - Thousand Dth						
Station 409 (Donna Line) (segment 490 FH)	575	575	575	575	575	
Station 1 (segment 101 BH)	270	270	270	270	270	
Station 9 (segment 109 BH)	1,011	950 (61)	915 (96)	765 (246)	950 (61)	MLV 12-1 to MLV 13-1: Pressure Weld Replacement (9/1/2020 - 9/30/2020) MLV 5-2 to MLV 2-2: Pipe Replacement (9/7/2020 - 9/25/2020) Station 9: Annual ESD test (9/12/2020) MLV 9-3 to MLV 4-3: Pig Runs: Cleaning 9/14, Gauge 9/15, ILL 9/17 (9/14/2020 - 9/17/2020)
Station 25 (segment 125 BH)	875	830 (45)	875	875	875	Sta. 40: Annual ESD test (9/1/2020)
Station 823 (segment 823 BH)	682	682	682	682	682	
Station 834 (segment 834 BH)	689	689	689	689	689	
Station 548 (segment 542 BH)	1,514	1,514	1425 (89)	1425 (89)	1425 (89)	Sta 542: Units 1B: Automation Upgrade (9/7/2020 - 10/11/2020)
Station 860 (segment 548 BH)	1,534	1495 (39)	1250 (284)	1495 (39)	1495 (39)	Sta 550: Unit 3A: Regrout (5/11/2020 - 11/30/2020) Sta 555: Units 1A to 3A: Automation Upgrade (8/21/2020 - 10/15/2020) Sta. 555 Collinwood: Station Safety System Upgrade (9/8/2020)
Station 860 North (Segment 860 BH)	1,821	1,821	1,821	1,821	1,821	
Station 110 (segment 187 BH) (south thru Kentucky)	2,623	2,623	2,623	2,623	2,623	
Station 114 (segment 114 BH)	923	923	923	923	923	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (8/8/2017 - 12/31/2020)
Station 204 (Segment 204 BH)	1,834	1700 (134)	1700 (134)	1700 (134)	1700 (134)	Sta 209: Unit 7A: Engine Inspection (6/1/2020 - 11/20/2020) Sta 204: Operational Conditions (8/6/2020 - 10/31/2020) MLV 209-3 to MLV 213-3: Anomaly Remediation (8/24/2020 - 9/5/2020) MLV 207-2 to MLV 208-2: Anomaly Remediation (9/7/2020 - 9/11/2020) MLV 209-4 to MLV 210-4: SCCDA (9/7/2020 - 9/19/2020) Sta 204: Unit 10A: Automation Upgrade (9/7/2020 - 10/25/2020) MLV 207-3 to MLV 208-3: Installation of Strain Gauges (9/18/2020 - 10/9/2020)
Station 245 (segment 245 FH)	998	935 (63)	775 (223)	860 (138)	860 (138)	Sta 237: Unit 3A: Inter Cooler Cleaning (8/31/2020 - 9/16/2020) MLV 237-2 to MLV 245-2: Maintenance Pig (9/9/2020 - 9/10/2020) MLVS 243-1: Pipe Replacement (M) (9/10/2020 - 10/20/2020) Sta 245: Unit 1C: Boroscope and Water Wash (9/13/2020 - 9/19/2020) MLV 245-1 to MLV 246-1: SCCDA (9/14/2020 - 9/18/2020) MLV 245-2 to MLV 246-2: SCCDA (9/21/2020 - 9/25/2020)
Station 261 Discharge (segment 261 FH)	897	897	745 (152)	745 (152)	745 (152)	Sta 261: Station Outage: installation of the new suction header/filter (M) (9/7/2020 - 9/26/2020)
Fitchburg Lat to Gloucester (segment 268 FH)	202	165 (37)	165 (37)	165 (37)	202	MLVS 268-1, 269-1 & 270-1: Anomaly Remediation (8/17/2020 - 9/19/2020)
Station 307 (segment 307 BH)	1,148	1120 (28)	1120 (28)	1120 (28)	1120 (28)	Sta 307: Unit 6A: Engine Overhaul (3/16/2020 - 10/1/2020) Sta 219: Filter Separator Inspection (9/8/2020 - 9/11/2020) Sta 219: Annual ESD test (9/8/2020 - 9/11/2020)
Station 315 (segment 315 BH)	1,927	1,927	1745 (182)	1,927	1,927	Sta 315: Unit 1B: Catalyst Exchange & Water Wash (9/8/2020 - 9/9/2020)
Station 325 (segment 324 FH)	1,599	1,599	1,599	1,599	1,599	
Station 405 HC Line (segment 299 FH)	803	803	803	400 (403)	550 (253)	Sta 405A: Turbine Exchange (9/14/2020 - 9/19/2020) Sta 313 to Sta 237: Maintenance Pig (9/15/2020) Sta 405A: Filter Change Out (9/16/2020 - 9/17/2020) Sta 313: Annual ESD test (9/22/2020)

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**TGP - Outage Impact Report
October 2020 (updated 08/13/20)**

-Primary impact restrictions may be necessary

-Major impact restrictions may be necessary

-Minor impact restrictions may be necessary depending on flow conditions

-Little to no impact, though minor outages may cause incremental reductions

Station # / Lateral	Est Nominal Operating Capacity (Thousand Dth)	Week 1	Week 2	Week 3	Week 4	Week 5	Primary Outage(s)
		(9/28 - 10/4)	(10/5 - 10/11)	(10/12 - 10/18)	(10/19 - 10/25)	(10/26 - 11/1)	
Est. Operational Capacity (Operational Impact) - Thousand Dth							
Station 409A (Alamo) (segment 492 FH)	251	251	190 (61)	251	251	251	Sta 409A: Quarterly Inspections (10/8/2020)
Station 409 (Donna Line) (segment 490 FH)	575	575	575	575	575	0 (575)	Sta 409: 8k Hour Inspection & Compressor Work (10/26/2020 - 10/30/2020) Donna Lateral Replacement: Pipe Replacement (M) (10/26/2020 - 10/30/2020) Sta 409: 2k Hour Inspection (10/27/2020)
Station 1 (segment 101 BH)	270	270	270	270	270	270	
Station 9 (segment 109 BH)	1,011	950 (61)	1,011	1,011	1,011	1,011	MLV 12-1 to MLV 13-1: Pressure Weld Replacement (9/1/2020 - 9/30/2020)
Station 25 (segment 125 BH)	875	875	875	875	875	875	
MLV 820 (segment 820 BH)	1,052	1,052	1,052	1,052	781 (271)	1,052	MLV 820-1A to MLV 821R-101.1: Maintenance Pig (M) (10/20/2020)
Station 823 (segment 823 BH)	682	682	682	682	590 (92)	682	Sta. 834: Annual ESD test (10/23/2020)
Station 834 (segment 834 BH)	689	689	689	689	689	689	
Station 548 (segment 542 BH)	1,514	1425 (89)	1425 (89)	1,514	1,514	1000 (514)	Sta 542: Units 1B: Automation Upgrade (9/7/2020 - 10/11/2020) Sta 542: Filter Change Out (10/26/2020 - 10/30/2020) Sta 542: Annual ESD test (10/26/2020 - 10/30/2020)
Station 860 (segment 548 BH)	1,534	1495 (39)	1495 (39)	1250 (284)	1510 (24)	1510 (24)	Sta 550: Unit 3A: Regrout (5/11/2020 - 11/30/2020) Sta 555: Units 1A to 3A: Automation Upgrade (8/21/2020 - 10/15/2020) Sta. 546: Annual ESD test (10/12/2020 - 10/14/2020) Sta 550: Annual ESD test (10/15/2020) Sta 555: Unit 1B: Automation Upgrade (10/16/2020 - 11/19/2020)
Station 860 North (Segment 860 BH)	1,821	1,821	1,821	1,821	1,821	1,821	
Station 110 (segment 187 BH) (south thru Kentucky)	2,623	2,623	2,623	2,623	2,623	2,623	
Station 114 (segment 114 BH)	923	923	923	923	923	923	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (8/8/2017 - 12/31/2020)
Station 204 (Segment 204 BH)	1,834	1700 (134)	1700 (134)	1700 (134)	1700 (134)	1700 (134)	Sta 209: Unit 7A: Engine Inspection (6/1/2020 - 11/20/2020) Sta 204: Operational Conditions (8/6/2020 - 10/31/2020) Sta 204: Unit 10A: Automation Upgrade (9/7/2020 - 10/25/2020) MLV 207-3 to MLV 208-3: Installation of Strain Gauges (9/18/2020 - 10/9/2020)
Station 245 (segment 245 FH)	998	920 (78)	895 (103)	895 (103)	920 (78)	980 (18)	MLVS 243-1: Pipe Replacement (M) (9/10/2020 - 10/20/2020) Sta 237: Unit 1A: Fuel System Upgrade (9/28/2020 - 10/9/2020) Sta 245: Unit 1B: 50k Overhaul (9/28/2020 - 11/6/2020) MLV 244-1 to MLV 245-1: Anomaly Verification Dig (10/5/2020 - 10/12/2020)
Station 261 Discharge (segment 261 FH)	897	897	897	897	897	897	
Station 307 (segment 307 BH)	1,148	1120 (28)	910 (238)	555 (593)	1135 (13)	1135 (13)	Sta 307: Unit 6A: Engine Overhaul (3/16/2020 - 10/1/2020) Sta 307: Unit 3A: Foundation Replacement (10/1/2020 - 12/31/2020) Sta 307: Filter Separator Inspection (10/5/2020 - 10/8/2020) MLV 219-2D to MLV 303-1: Anomaly Remediation (10/5/2020 - 10/10/2020) MLV 304-2 to MLV 306-2: SCCDA (10/12/2020 - 10/24/2020) MLV 307-2 to MLV 219-3: Maintenance Pig (10/13/2020)
Station 315 (segment 315 BH)	1,927	1,927	1,927	1,927	1,927	1,927	
Station 321 (segment 321 FH)	1,902	1,902	1,902	1,902	1690 (212)	1885 (17)	Station 321: Annual ESD test (10/19/2020) Station 319: Annual ESD test (10/29/2020)
Station 325 (segment 324 FH)	1,599	1,599	1,599	1575 (24)	1,599	1,599	Sta 325: Annual ESD test (10/18/2020)
Station 405 HC Line (segment 299 FH)	803	803	803	470 (333)	803	803	Sta 405A: Discharge Valve Replacement (10/13/2020 - 10/14/2020)

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**TGP - Outage Impact Report
November 2020 (updated 08/13/20)**

-Primary impact restrictions may be necessary

-Major impact restrictions may be necessary

-Minor impact restrictions may be necessary depending on flow conditions

-Little to no impact, though minor outages may cause incremental reductions

Station # / Lateral	Est Nominal Operating Capacity (Thousand Dth)	Week 1 (11/2 - 11/8)	Week 2 (11/9 - 11/15)	Week 3 (11/16 - 11/22)	Week 4 (11/23 - 11/29)	Primary Outage(s)
		Est. Operational Capacity (Operational Impact) - Thousand Dth				
Station 409 (Donna Line) (segment 490 FH)	601	601	601	601	601	
Station 1 (segment 101 BH)	320	320	320	320	320	
Station 9 (segment 109 BH)	1,061	1,061	1,061	1,061	1,061	
Station 25 (segment 125 BH)	889	889	889	889	889	
Station 823 (segment 823 BH)	698	698	698	698	698	
Station 834 (segment 834 BH)	712	712	712	610 (102)	712	Sta 836A: Annual ESD test (11/20/2020)
Station 860 (segment 548 BH)	1,643	1510 (133)	1510 (133)	1510 (133)	1530 (113)	Sta 550: Unit 3A: Regrout (5/11/2020 - 11/30/2020) Sta 555: Unit 1B: Automation Upgrade (10/16/2020 - 11/19/2020)
Station 860 North (Segment 860 BH)	1,955	1,955	1,955	1,955	1,955	
Station 110 (segment 187 BH) (south thru Kentucky)	2,731	2,731	2,731	2,731	2,731	
Station 114 (segment 114 BH)	946	946	946	946	946	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (8/8/2017 - 12/31/2020)
Station 204 (Segment 204 BH)	1,901	1810 (91)	1810 (91)	1810 (91)	1,901	Sta 209: Unit 7A: Engine Inspection (6/1/2020 - 11/20/2020)
Station 245 (segment 245 FH)	1,064	980 (84)	1,064	1,064	1,064	Sta 245: Unit 1B: 50k Overhaul (9/28/2020 - 11/6/2020)
Station 261 Discharge (segment 261 FH)	979	979	979	979	979	
Fitchburg Lat to Gloucester (segment 268 FH)	202	202	202	202	202	
Station 307 (segment 307 BH)	1,198	1135 (63)	1135 (63)	1135 (63)	1135 (63)	Sta 307: Unit 3A: Foundation Replacement (10/1/2020 - 12/31/2020)
Station 315 (segment 315 BH)	1,979	1,979	1,979	1,979	1,979	
Station 325 (segment 324 FH)	1,711	1,711	1,711	1,711	1,711	
Station 405 HC Line (segment 299 FH)	824	824	824	824	824	

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