

**TGP - Outage Impact Report  
Seven Day Forecast (updated 04/17/19)**

-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 (FH)=forward haul (BH)=backward haul	Est Nominal Design Capacity (Thousand Dth)	Saturday (4/13)	Sunday (4/14)	Monday (4/15)	Tuesday (4/16)	Wednesday (4/17)	Thursday (4/18)	Friday (4/19)	Primary Outage(s) that may Impact Throughput
		Est. Operational Capacity (Operational Impact) - Thousand Dth							
Station 409 (Donna Line) (segment 490 FH)	<b>562</b>						562	562	
Station 1 (segment 101 BH)	<b>238</b>						238	238	
Station 9 (segment 109 BH)	<b>999</b>						999	999	
Station 834 (segment 834 BH)	<b>692</b>						<b>200 (492)</b>	692	MLV 827-1 TO MLV 834-1: Pig run - Cleaning 4/15/19 - 4/18/19, Caliper 4/23/19, MFL 4/25/19 (M) (4/15/2019 - 4/25/2019)
Station 546 (segment 542 BH)	<b>1,508</b>						<b>1435 (73)</b>	<b>1435 (73)</b>	MLV 534-2 TO MLV 538-2: Make Piggable (3/4/2019 - 4/29/2019)
Station 860 (segment 548 BH)	<b>1,537</b>						<b>1455 (82)</b>	<b>1470 (67)</b>	Sta 550: Unit 2A: Foundation Repair (4/1/2019 - 9/15/2019) MLV 555-2 TO MLV 559-2: Pig run - Cleaning 4/17/19, Gauge 4/18/19, MFL Combo 4/23/19 (4/17/2019 - 4/23/2019)
Station 87 500 Leg (Segment 860 BH)	<b>1,820</b>						<b>1155 (665)</b>	<b>1155 (665)</b>	MLV 559-1 to MLV 565-1: Remediation (3/26/2019 - 4/30/2019)
Station 110 (segment 187 BH) (south thru Kentucky)	<b>2,659</b>						<b>2500 (159)</b>	<b>2500 (159)</b>	Sta 87: Unit 2E: Zero Base Maintenance (4/8/2019 - 5/10/2019) MLV 96-1D TO MLV 106-1S: Remediation (4/15/2019 - 4/29/2019)
Station 114 (segment 114 BH)	<b>919</b>						<b>445 (474)</b>	<b>445 (474)</b>	MLV 118-1 to MLV 121-1A: Remediation (4/1/2019 - 4/19/2019) MLVS 122: Broad Run Cornwell Meter: Emergent Repair (M) (8/8/2017 - 10/31/2019)
Station 204 (Segment 204 BH)	<b>1,838</b>						<b>1815 (23)</b>	<b>1815 (23)</b>	Sta 204: Unit 1A: Repair Crankshaft (9/17/2018 - 5/1/2019) Sta 209: Unit 9A: Crankcase Inspection (4/1/2019 - 4/20/2019) Sta 209: Unit 12A: Engine Overhaul (3/5/2019 - 4/30/2019) Sta 214: Unit 1A: Repair Frame Top (4/15/2019 - 4/20/2019) Sta 214: Unit 6A: Repair Frame (4/2/2019 - 4/19/2019)
Station 245 (segment 245 FH)	<b>1,014</b>						<b>800 (214)</b>	<b>800 (214)</b>	Sta 245: Unit 1C: Borescope and Water Wash (4/15/2019 - 4/18/2019) Sta 249: ESD Piping Modification & Filter Separator Maintenance (4/15/2019 - 4/23/2019)
Station 254 (segment 256 FH)	<b>1,195</b>						1185 (10)	1185 (10)	Sta 254: Unit 4A: Foundation Repair (3/8/2019 - 7/8/2019)
Station 261 Suction (segment 260 FH)	<b>1,121</b>						<b>985 (136)</b>	1,121	Sta 261: Unit 5A: Emergent Repair (4/17/2019 - 4/18/2019)
Station 307 (segment 307 BH)	<b>1,150</b>						1135 (15)	1135 (15)	MLV 219-2 TO MLV 307-1: Remediation (M) (4/15/2019 - 5/31/2019) Sta 307: Unit 2A: Replace Turbo (4/15/2019 - 4/19/2019)
Station 315 (segment 315 BH)	<b>1,927</b>						1,927	1,927	
Sta. 325 (segment 324 FH)	<b>1,606</b>						1,606	1,606	
Sta. 405 HC Line (segment 299 FH)	<b>803</b>						1,191	1,191	
Sta. 229 (segment 224 FH)	<b>388</b>								

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The impacts sheet are based on steady-state hydraulic models assuming recent operating flows, conditions, and various unit outages.

TGP - Outage Impact Report Seven Day Forecast (updated 04/17/19)									-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 (FH)=forward haul (BH)=backward haul	Est Nominal Design Capacity (Thousand Dth)	Saturday (4/20)	Sunday (4/21)	Monday (4/22)	Tuesday (4/23)	Wednesday (4/24)	Thursday (4/25)	Friday (4/26)	Primary Outage(s) that may impact Throughput
		Est. Operational Capacity (Operational Impact) - Thousand Dth							
Station 409 (Donna Line) (segment 490 FH)	562	562	562	350 (212)	350 (212)	350 (212)	300 (262)	562	Sta 409: Annual ESD test (4/22/2019 - 4/25/2019)
Station 1 (segment 101 BH)	238	238	238	238	238	238	125 (113)	238	Sta 1: Annual ESD test (4/25/2019 - 4/25/2019)
Station 9 (segment 109 BH)	999	999	999	999	999	999	999	999	
Station 25 (segment 125 BH)	874	874	874	790 (84)	790 (84)	790 (84)	790 (84)	790 (84)	Sta 32: Replace Unit Valves (4/22/2019 - 4/26/2019)
Station 834 (segment 834 BH)	692	692	692	692	200 (492)	200 (492)	200 (492)	692	MLV 827-1 TO MLV 834-1: Pig run - Cleaning 4/15/19 - 4/18/19, Caliper 4/23/19, MFL 4/25/19 (M) (4/15/2019 - 4/25/2019) Sta 827: Unit 3A: Seal Boost Pump Installation (4/23/19 - 4/25/19)
MLV 847 (segment 847 FH)	618	618	618	205 (413)	618	205 (413)	618	618	MLV 847-1 TO MLV 851-1: Pig Run - Cleaning 4/22/19, Gauge 4/22/19, MFL Combo 4/24/19, Hardspot/EMAT 4/30/19 (M) (4/22/2019 - 4/30/2019)
Station 546 (segment 542 BH)	1,508	1435 (73)	1435 (73)	1435 (73)	1435 (73)	805 (703)	805 (703)	805 (703)	MLV 534-2 TO MLV 538-2: Make Piggable (3/4/2019 - 4/29/2019) MLV 546-2 TO MLV 550-2: Make Piggable (M) (4/24/2019 - 6/15/2019)
Station 860 (segment 548 BH)	1,537	1470 (67)	1470 (67)	1470 (67)	1455 (82)	1470 (67)	1470 (67)	1470 (67)	Sta 550: Unit 2A: Foundation Repair (4/1/2019 - 9/15/2019) MLV 555-2 TO MLV 559-2: Pig run - Cleaning 4/17/19, Gauge 4/18/19, MFL Combo 4/23/19 (4/17/2019 - 4/23/2019)
Station 87 500 Leg (Segment 860 BH)	1,820	1155 (665)	1155 (665)	1155 (665)	1155 (665)	1155 (665)	1155 (665)	1155 (665)	MLV 559-1 to MLV 565-1: Remediation (3/26/2019 - 4/30/2019)
Station 110 (segment 187 BH) (south thru Kentucky)	2,659	2500 (159)	2500 (159)	2480 (179)	2480 (179)	2480 (179)	2480 (179)	2500 (159)	Sta 87: Unit 2E: Zero Base Maintenance (4/8/2019 - 5/10/2019) MLV 96-1D TO MLV 106-1S: Remediation (4/15/2019 - 4/29/2019) Sta 106: Unit 1D: 8k Inspection (4/22/2019 - 4/25/2019)
Station 114 (segment 114 BH)	919	919	919	919	919	919	919	919	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (M) (8/8/2017 - 10/31/2019)
Station 204 (Segment 204 BH)	1,838	1815 (23)	1820 (18)	1820 (18)	1820 (18)	1800 (38)	1800 (38)	1800 (38)	Sta 204: Unit 1A: Repair Crankshaft (9/17/2018 - 5/1/2019) Sta 209: Unit 9A: Crankcase Inspection (4/1/2019 - 4/20/2019) Sta 209: Unit 12A: Engine Overhaul (3/5/2019 - 4/30/2019) Sta 214: Unit 1A: Repair Frame Top (4/15/2019 - 4/20/2019) Sta 214: Unit 8A: Repair Oil Pump (4/15/2019 - 5/3/2019) Sta 214: Unit 10A-13A: Fuel System Upgrade (4/24/2019 - 5/7/2019)
Station 245 (segment 245 FH)	1,014	800 (214)	800 (214)	800 (214)	800 (214)	800 (214)	1,014	1,014	Sta 249: ESD Piping Modification & Filter Separator Maintenance (4/15/2019 - 4/23/2019) Sta 249: Annual ESD test (4/24/2019 - 4/24/2019)
Station 254 (segment 256 FH)	1,195	1185 (10)	1185 (10)	1185 (10)	1185 (10)	1185 (10)	960 (235)	960 (235)	Sta 254: Filter Separator Maintenance (4/25/2019 - 4/27/2019) Sta 254: Unit 4A: Foundation Repair (3/8/2019 - 7/8/2019)
Station 261 Suction (segment 260 FH)	1,121	1,121	1,121	1,121	1,121	1,121	1,121	1,121	
Station 307 (segment 307 BH)	1,150	1135 (15)	1135 (15)	1135 (15)	1135 (15)	1135 (15)	1135 (15)	1135 (15)	MLV 219-2 TO MLV 307-1: Remediation (M) (4/15/2019 - 5/31/2019)
Station 315 (segment 315 BH)	1,927	1,927	1,927	1,927	1,927	1,927	1,927	1,927	
Sta. 325 (segment 324 FH)	1,606	1,606	1,606	1,606	1,606	1,606	1,606	1,606	
Sta. 405 HC Line (segment 299 FH)	803								Sta 405A: Unit 1A: Borescope (4/23/2019 - 4/23/2019)
Sta. 229 (segment 224 FH)	388	1,191	1,191	1,191	1088 (103)	1,191	1,191	1,191	

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Outage Capacity Impact Report May 2019 (updated 04/17/19)							-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 Design Capacity (Thousand Dth)	Week 1 (4/29 - 5/5)	Week 2 (5/6 - 5/12)	Week 3 (5/13 - 5/19)	Week 4 (5/20 - 5/26)	Week 5 (5/27 - 6/2)	Primary Outage(s)
		Est. Operational Capacity (Operational Impact) - Thousand Dth					
Station 409 (Donna Line) (segment 490 FH)	562	562	562	562	562	562	
Station 1 (segment 101 BH)	238	238	238	238	238	238	
Station 9 (segment 109 BH)	999	999	865 (134)	865 (134)	999	999	MLV 13-3 TO MLV 17-3S: Pig run - Cleaning 5/7/19 - 5/10/19, Gauge 5/10/19, MFL 5/14/19, Hard Spot 5/16/19 (5/7/2019 - 5/16/2019)
MLV 822 (segment 820 BH)	1,052	1,052	1,052	200 (852)	1,052	1,052	Sta 823 to STA 820-1: Maintenance Pig (M) (5/14/2019 - 5/15/2019)
Sta 847 (segment 847 FH)	618	205 (413)	618	618	465 (153)	465 (153)	MLV 847-1 TO MLV 851-1: Pig Run - Cleaning 4/22/19, Gauge 4/22/19, MFL Combo 4/24/19, Hardspot/EMAT 4/30/19 (M) (4/22/2019 - 4/30/2019) Sta 860: Controls Upgrade (5/21/2019 - 8/31/2019)
Station 546 (segment 542 BH)	1,508	700 (808)	700 (808)	700 (808)	700 (808)	700 (808)	MLV 534-2 TO MLV 538-2: Make Piggable (3/4/2019 - 4/29/2019) MLV 534-2 TO MLV 538-2: Pig run - Dates are tentative: Chem Cleaning 5/20/19 - 5/25/19, AFD 5/28/19, EMAT 5/30/19 (5/20/2019 - 5/30/2019) MLV 538-2 TO MLV 542-2: Make Piggable (M) (4/29/2019 - 7/16/2019) MLV 546-2 TO MLV 550-2: Make Piggable (M) (4/24/2019 - 6/15/2019) Sta 555: Maintenance (5/6/2019 - 5/24/2019) MLV 555-1L TO MLV 558-1R: Remediation (5/11/2019 - 6/18/2019) MLVS 557L-3: Make Piggable (5/1/2019 - 6/30/2019) Sta 550: Unit 2A: Foundation Repair (4/1/2019 - 9/15/2019)
Station 860 (segment 548 BH)	1,537	1470 (67)	1470 (67)	1470 (67)	1470 (67)	1470 (67)	
Station 87 500 Leg (Segment 860 BH)	1,820	1155 (665)	1,820	1,820	1375 (445)	1375 (445)	MLV 559-1 to MLV 565-1: Remediation (3/26/2019 - 4/30/2019) Sta 860: Controls Upgrade (5/21/2019 - 8/31/2019)
Station 110 (segment 187 BH) (south thru Kentucky)	2,659	2230 (429)	2500 (159)	2100 (559)	2550 (109)	2550 (109)	Sta 87: Unit 2E: Zero Base Maintenance (4/8/2019 - 5/10/2019) MLV 87-2D TO MLV 96-2S: Remediation (5/1/2019 - 6/8/2019) MLVS 87-2D: Make Piggable (5/1/2019 - 6/30/2019) Sta. 96: Substation Inspection (5/13/2019 - 5/18/2019) Sta 96: Annual ESD test (5/14/2019 - 5/15/2019) MLV 96-1D TO MLV 106-1S: Remediation (4/15/2019 - 4/29/2019) Sta 106: Annual ESD test (4/29/2019 - 5/3/2019) Sta 114: Annual ESD test (5/7/2019 - 5/7/2019) MLVS 122: Broad Run Cornwell Meter: Emergent Repair (M) (8/8/2017 - 10/31/2019)
Station 114 (segment 114 BH)	919	919	705 (214)	919	919	919	
Station 204 (Segment 204 BH)	1,838	1800 (38)	1550 (288)	1800 (38)	1800 (38)	1800 (38)	Sta 204: Unit 1A: Repair Crankshaft (9/17/2018 - 5/1/2019) Sta 209: Unit 3A: Foundation Replacement (5/15/2019 - 8/15/2019) Sta 209: Unit 12A: Engine Overhaul (3/5/2019 - 4/30/2019) MLVS 213-3: Pipe Replacement (5/17/2019 - 7/19/2019) Sta 214: Unit 8A: Repair Oil Pump (4/15/2019 - 5/3/2019) Sta 214: Unit 10A-13A: Fuel System Upgrade (4/24/2019 - 5/7/2019) MLV 219-4 TO MLV 214-4: Pig Run - Cleaning/Gauge 5/7/19, ILI 5/9/19 (5/7/2019 - 5/9/2019) Sta 241: Annual ESD test (5/13/2019 - 5/21/2019) Sta 241: Unit 1A: Catalyst Cleaning (5/6/2019 - 5/21/2019) Sta 249: Unit 1A: Crankcase Inspection (5/13/2019 - 5/25/2019)
Station 245 (segment 245 FH)	1,014	1,014	995 (19)	800 (214)	800 (214)	1,014	
Station 254 (segment 256 FH)	1,195	965 (230)	1185 (10)	570 (625)	1185 (10)	1185 (10)	MLV 249-2 TO MLV 254-2: Pig Run - Cleaning/Gauge 5/13/19, Caliper 5/14/19, MFL 5/16/19 (5/13/2019 - 5/16/2019) Sta 254: Annual ESD test (4/28/2019 - 5/3/2019) Sta 254: Unit 4A: Foundation Repair (3/8/2019 - 7/8/2019)
Station 261 Suction (segment 260 FH)	1,121	1,121	1,121	1,121	960 (161)	1,121	MLV 254-3 to MLV 258-3: Pig Run - Cleaning/Gauge 5/21/19, Combo 5/22/19 (5/21/2019 - 5/22/2019)
Station 307 (segment 307 BH)	1,150	1135 (15)	1135 (15)	1025 (125)	730 (420)	730 (420)	MLV 219-2 TO MLV 307-1: Remediation (M) (4/15/2019 - 5/31/2019) MLV 219-1D TO MLV 301-1: Install New MLV and Remove Drip (5/10/2019 - 5/25/2019) MLV 219-3 TO MLV 307-2: Remediation (M) (6/1/2019 - 6/5/2019)
Station 315 (segment 315 BH)	1,927	1850 (77)	1850 (77)	1850 (77)	1850 (77)	1,927	Sta 315: Unit 2A: Turbine Exchange (4/29/2019 - 5/8/2019) Sta 315: Unit 1B: Turbine Exchange (5/13/2019 - 5/23/2019)
Sta. 325 (segment 324 FH)	1,606	1,606	1525 (81)	1,606	1,606	1,606	Sta 325: Unit 3A: Turbine Exchange (5/6/2019 - 5/12/2019)
Sta. 405 HC Line (segment 299 FH)	803	1,191	1,191	1,191	1178 (13)	1,191	
Station 229 (segment 224 FH)	388						MLV 219-2B TO 220-2: Pig Run - Cleaning/Gauge 5/21/19, ILI 5/23/19 (5/21/2019 - 5/23/2019)

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Outage Capacity Impact Report June 2019 (updated 04/17/19)						-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 Design Capacity (Thousand Dth)	Week 1 (6/3 - 6/9)	Week 2 (6/10 - 6/16)	Week 3 (6/17 - 6/23)	Week 4 (6/24 - 6/30)	Primary Outage(s)
Est. Operational Capacity (Operational Impact) - Thousand Dth						
Station 409 (Donna Line) (segment 490 FH)	567	567	567	567	567	
Station 1 (segment 101 BH)	268	268	268	268	268	
Station 9 (segment 109 BH)	999	999	999	999	999	
Sta 847 (segment 847 FH)	618	465 (153)	618	618	618	Sta 860: Controls Upgrade (5/21/2019 - 8/31/2019)
Station 546 (segment 542 BH)	1,508	700 (808)	805 (703)	805 (703)	805 (703)	MLV 538-2 TO MLV 542-2: Make Piggable (M) (4/29/2019 - 7/16/2019) MLV 546-2 TO MLV 550-2: Make Piggable (M) (4/24/2019 - 6/15/2019) MLV 555-1L TO MLV 558-1R: Remediation (5/11/2019 - 6/18/2019) MLVS 557L-3: Make Piggable (5/1/2019 - 6/30/2019)
Station 860 (segment 548 BH)	1,537	1470 (67)	1470 (67)	1470 (67)	1470 (67)	Sta 550: Unit 2A: Foundation Repair (4/1/2019 - 9/15/2019) MLV 550-1 TO MLV 555-1: Remediation (6/3/2019 - 7/3/2019)
Station 87 500 Leg (Segment 860 BH)	1,820	1375 (445)	1770 (50)	1770 (50)	1770 (50)	Sta 860: Controls Upgrade (5/21/2019 - 8/31/2019) Sta 860: Replace 3A Unit Valve & Scrubber Work (6/3/2019 - 6/7/2019)
Station 110 (segment 187 BH) (south thru Kentucky)	2,659	2490 (169)	2550 (109)	2550 (109)	2550 (109)	MLV 87-2D TO MLV 96-2S: Remediation (5/1/2019 - 6/8/2019) MLVS 87-2D: Make Piggable (5/1/2019 - 6/30/2019) MLV 106-1S TO MLV 96-1D: Pig Runs - AFD 6/4/19 (6/4/2019 - 6/4/2019)
Station 114 (segment 114 BH)	919	919	919	919	919	MLVS 122: Broad Run Cornwell Meter: Emergent Repair (M) (8/8/2017 - 10/31/2019)
Station 204 (Segment 204 BH)	1,838	1800 (38)	1690 (148)	1690 (148)	1800 (38)	MLV 209-3 TO MLV 204-3: Pig Runs - Cleaning/Gauge 6/11/19, MFL/AFD 6/13/19, Hardspot/EMAT 6/18/19 (6/11/2019 - 6/18/2019) Sta 209: Unit 3A: Foundation Replacement (5/15/2019 - 8/15/2019) MLVS 213-3: Pipe Replacement (5/17/2019 - 7/19/2019)
Station 230C (segment 296 FH)	743	743	743	485 (258)	300 (443)	MLV 230B-201 TO MLV 230B-204: Pig run - Cleaning & Gage 6/24, Combo 6/26 (6/24/2019 - 6/26/2019) MLV 230B-205 TO 230B-206: Pig run - Cleaning & Gage 6/17, Combo 6/19 (6/17/2019 - 6/19/2019)
Station 245 (segment 245 FH)	1,014	1,014	910 (104)	800 (214)	800 (214)	Sta 241: Unit 3A: Engine Maintenance (6/10/2019 - 6/13/2019) Sta 245: Annual ESD test (6/17/2019 - 6/25/2019) Sta 249: Unit 1A: Auto Balance System Installation (6/10/2019 - 6/14/2019)
Station 254 (segment 256 FH)	1,195	1185 (10)	1185 (10)	1185 (10)	1185 (10)	Sta 254: Unit 4A: Foundation Repair (3/8/2019 - 7/8/2019)
Station 261 Suction (segment 260 FH)	1,121	630 (491)	1,121	1,121	1,121	MLV 254-2 TO MLV 261-2: Pig Run - Cleaning/Gauge 6/4/19, Combo 6/6/19 (6/4/2019 - 6/6/2019)
Station 307 (segment 307 BH)	1,150	730 (420)	935 (215)	935 (215)	1,150	MLV 219-3 TO MLV 307-2: Remediation (M) (6/1/2019 - 6/5/2019) MLV 313-1 TO MLV 307-1: Pig Runs - Cleaning/Gauge 6/13/19, ILI 6/18/19, Hard Spot 6/20/19 (6/13/2019 - 6/20/2019)
Station 315 (segment 315 BH)	1,927	1,927	1,927	1,927	1,927	
Sta. 325 (segment 324 FH)	1,606	1,606	850 (756)	1,606	1,606	MLV 325-2 TO MLV 327-2A: Pig run - Cleaning & Gage 6/11, Combo 6/12 (6/11/2019 - 6/12/2019)
Sta. 405 HC Line (segment 299 FH)	803	1,191	1,191	1,191	1,191	
Station 229 (segment 224 FH)	388					

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Outage Capacity Impact Report July 2019 (updated 04/17/19)							-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 Design Capacity (Thousand Dth)	Week 1 (7/1 - 7/7)	Week 2 (7/8 - 7/14)	Week 3 (7/15 - 7/21)	Week 4 (7/22 - 7/28)	Week 5 (7/29 - 8/4)	Primary Outage(s)
Est. Operational Capacity (Operational Impact) - Thousand Dth							
Station 409 (Donna Line) (segment 490 FH)	567	567	567	567	567	567	
Station 1 (segment 101 BH)	268	268	268	268	268	268	
Station 9 (segment 109 BH)	999	999	999	880 (119)	880 (119)	999	MLV 17-1 to MLV 14-1: Pig Run - Cleaning 7/15 - 7/20, Gauge 7/23, EMAT 7/24 (7/15/2019 - 7/24/2019)
MLV 822 (segment 820 BH)	1,052	1,052	1,052	785 (267)	1,052	1,052	MLV 820-1 to MLV 823-1: Remediation (7/15/2019 - 7/20/2019)
Sta. 823 (segment 823 BH)	683	630 (53)	683	683	545 (138)	683	Sta 504: Annual ESD test (7/5/2019 - 7/5/2019) MLVS 824-1: Remediation (7/22/2019 - 7/27/2019) Sta 827: Annual ESD test (7/26/2019 - 7/26/2019)
Station 546 (segment 542 BH)	1,508	1200 (308)	990 (518)	990 (518)	1,508	1,508	MLV 538-2 TO MLV 542-2: Make Piggable (M) (4/29/2019 - 7/16/2019) MLV 538-2 TO MLV 542-2: Pig run - Chem Cleaning 7/9/19 - 7/13/19, AFD 7/16/19, EMAT 7/18/19 (7/9/2019 - 7/18/2019)
Station 860 (segment 548 BH)	1,537	1470 (67)	1445 (92)	1470 (67)	1470 (67)	1470 (67)	Sta 550: Unit 2A: Foundation Repair (4/1/2019 - 9/15/2019) MLV 550-1 TO MLV 555-1: Remediation (6/3/2019 - 7/3/2019) MLV 550-2 TO MLV 554-2R: Remediation (7/8/2019 - 7/13/2019)
Station 87 500 Leg (Segment 860 BH)	1,820	1770 (50)	1770 (50)	1770 (50)	1770 (50)	1770 (50)	Sta 860: Controls Upgrade (5/21/2019 - 8/31/2019)
Station 110 (segment 187 BH) (south thru Kentucky)	2,659	2,659	2,659	2270 (389)	2370 (289)	2370 (289)	Sta 87: Annual ESD test (7/18/2019 - 7/18/2019) Sta 87: Unit 1E & 2E: Controls Upgrade (7/23/2019 - 10/15/2019) MLV 96-2S to MLV 87-2D: Pig Runs - Caliper 7/18/19, MDS 8/1/19 (7/18/2019 - 8/1/2019)
Station 114 (segment 114 BH)	919	919	919	919	919	395 (524)	MLVS 120-2: Pipe Replacement (8/1/2019 - 8/15/2019) MLVS 121-2: Recoat / Painting (8/1/2019 - 8/15/2019) MLVS 122: Broad Run Cornwell Meter: Emergent Repair (M) (8/8/2017 - 10/31/2019)
Station 204 (Segment 204 BH)	1,838	1800 (38)	1555 (283)	1690 (148)	1690 (148)	1775 (63)	MLV 209-2 TO MLV 204-2: Pig Run - Cleaning/Gauge 7/16/19, MFL/AFD 7/18/19, Hardspot/EMAT 7/23/19 (7/16/2019 - 7/23/2019) Sta 209: Auxiliary Controls Upgrade (7/8/2019 - 7/12/2019) Sta 209: Unit 3A: Foundation Replacement (5/15/2019 - 8/15/2019) MLVS 213-2: Pipe Replacement (7/19/2019 - 11/1/2019) MLVS 213-3: Pipe Replacement (5/17/2019 - 7/19/2019) MLV 219-1 TO MLV 214-1: Pig run - Cleaning 7/16/19, MFL 7/18/19 (7/16/2019 - 7/18/2019) MLV 219-1 TO MLV 214-1: Pig Run - Cleaning/Gauge 7/25/19, ILI 7/30/19, Hardspot 8/1/19 (7/25/2019 - 8/1/2019)
Station 245 (segment 245 FH)	1,014	755 (259)	755 (259)	1,014	1,014	1,014	MLV 245-1 to MLV 249-1: Pig run - Cleaning & Gage 7/1, Combo 7/2, Hard Spot 7/9 (7/1/2019 - 7/9/2019)
Station 254 (segment 256 FH)	1,195	1185 (10)	1185 (10)	1,195	1,195	1,195	Sta 254: Unit 4A: Foundation Repair (3/8/2019 - 7/8/2019)
Station 261 Suction (segment 260 FH)	1,121	1,121	1,121	1,121	1,121	1,121	
Station 307 (segment 307 BH)	1,150	1110 (40)	1110 (40)	1110 (40)	1110 (40)	1110 (40)	Sta 219: Unit 1B: Controls Upgrade (7/30/2019 - 9/6/2019) Sta 307: Unit 5A: Install Fuel Injection System and Fuel Gas Skid (7/1/2019 - 9/30/2019)
Station 315 (segment 315 BH)	1,927	1,927	1,927	1,927	1,927	1,927	
Sta. 325 (segment 324 FH)	1,606	1,606	1,606	1325 (281)	1,606	1,606	Sta 325: Annual ESD test (7/19/2019 - 7/19/2019)
Sta. 405 HC Line (segment 299 FH)	803	1,191	1,191	1,191	1,191	1,191	
Station 229 (segment 224 FH)	388						

This document is updated on a weekly basis and outage schedules/impacts are subject to change as the week progresses.  
Dates posted on DART should be deemed correct in the event of conflicts between DART posted dates and dates within this forecasted on this report.  
The impacts sheet are based on steady-state hydraulic models assuming recent operating flows, conditions, and various unit outages.