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Tennessee Gas Pipeline Company, L.L.C.

System Maintenance, Integrity and Reliability Report

November 15, 2024

Cautionary Statement

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- This report contains forward-looking statements. These forward-looking statements are identified as any statement that does not relate strictly to historical or current facts. Forward-looking statements are not guarantees of performance. They involve risks, uncertainties and assumptions. Future actions, conditions or events and future results of operations of Tennessee Gas Pipeline Company, L.L.C. (“TGP”) or its parent company, Kinder Morgan, Inc. (“KM”), may differ materially from those expressed in these forward-looking statements. Many of the factors that will determine these results are beyond TGP’s or KM's ability to control or predict. These statements are necessarily based upon various assumptions involving judgments with respect to the future and there is no assurance that any of the actions, events or results of the forward-looking statements will occur, or if any of them do, what impact they will have on our results of operations or financial condition. Because of these uncertainties, you are cautioned not to put undue reliance on any forward-looking statement.

Introduction

- Article X, Section A of TGP's rate settlement in Docket No. RP24-331 ("S&A") requires TGP to prepare an annual report on the operational performance and maintenance activities on its system (the "Report") and host an annual meeting to present and discuss the Report with its customers
- The Report is available as an informational posting on TGP's customer website
- The Report includes the following information:
  - Planned maintenance activities for calendar year 2025;
  - Reliability metrics for firm service and compressor availability and outage times for the period April 1, 2024 through September 30, 2024

2025 Maintenance Activities

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For calendar year 2025, TGP expects to spend approximately $305.4mm on maintenance related activities

- Storage: $6.4mm
- Transmission: $299.0mm

Dates and scope of work planned are subject to change

					Estimated Cost By Region / Zone							
	Asset Type	Project Type	Category/Description	Target Completion Date	Zone 0	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Total Estimated Cost
1	Storage	Maintanance Capital	Wells And Gathering	2025	-	-	-	-	$5,823,657	-	-	$5,823,657
2	Storage	O&M Expense	Well Bore Integrity	2025	-	-	-	-	$350,000	-	-	$350,000
3	Storage	O&M Expense	Wells And Gathering	2025	-	-	-	-	$205,666	-	-	$205,666
4	Transmission	Maintanance Capital	Air Regulation	2025	-	-	-	-	-	$10,075,398	-	$10,075,398
5	Transmission	Maintanance Capital	Ancillary Facilities	2025	$670,444	$3,406,830	$893,099	$135,821	$1,572,416	$30,565	$227,426	$6,936,601
6	Transmission	Maintanance Capital	Automation	2025	-	$291,838	-	-	$847,429	$637,554	$2,820,739	$4,597,560
7	Transmission	Maintanance Capital	Measurement-Valves	2025	$1,582,570	$2,522,255	$438,471	-	$801,125	$203,586	$759,623	$6,307,630
8	Transmission	Maintanance Capital	Pipeline - Other	2025	$2,769,078	$6,214,845	$310,808	$55,835	$1,170,402	$895,382	$500,000	$11,916,350
9	Transmission	Maintanance Capital	Pipeline Class Change	2025	$3,818,000	$34,276,987	$16,806,758	-	$10,947,625	$5,359,275	$1,450,800	$72,659,445
10	Transmission	Maintanance Capital	Pipeline Integrity	2025	$4,117,825	$17,879,952	$18,126,588	$144,819	$402,633	-	$1,928,128	$42,599,945
11	Transmission	Maintanance Capital	ROW	2025	-	$50,000	-	-	-	$135,000	-	$185,000
12	Transmission	Maintanance Capital	Turbine Exchanges And Compressor Replacement/Overhauls	2025	$1,921,024	$1,887,250	$1,662,294	$2,304,731	$6,829,449	$416,883	$2,620,247	$17,641,878
13	Transmission	O&M Expense	Air Regulation	2025	-	$380,512	-	-	$43,932	-	-	$424,444
14	Transmission	O&M Expense	Ancillary Facilities	2025	$159,579	$1,200,164	$201,562	-	$611,745	$326,802	-	$2,499,852
15	Transmission	O&M Expense	Automation	2025	-	$150,537	-	-	-	-	-	$150,537
16	Transmission	O&M Expense	Measurement-Valves	2025	-	$272,781	-	-	$73,048	$42,415	-	$388,244
17	Transmission	O&M Expense	Pipeline - Other	2025	$540,331	$2,747,564	$102,975	$20,225	$241,951	$234,233	$218,258	$4,105,536
18	Transmission	O&M Expense	Pipeline Class Change	2025	-	$565,525	-	-	-	-	-	$565,525
19	Transmission	O&M Expense	Pipeline Integrity	2025	$10,822,502	$48,537,149	$22,523,081	$5,308,509	$17,062,838	$2,841,729	$9,322,776	$116,418,584
20	Transmission	O&M Expense	Turbine Exchanges And Compressor Replacement/Overhauls	2025	$254,263	$398,631	$139,243	-	$466,605	$306,936	-	$1,565,679
	TOTAL				$26,655,617	$120,782,820	$61,204,879	$7,969,940	$47,450,520	$21,505,759	$19,847,997	$305,417,532

Reliability Metrics: Compressor Availability

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For the period April 1, 2024 through September 30, 2024, compressor availability was approximately 80% for storage and 86% for transmission

Unplanned outages primarily related to equipment failures

	Compressor Station	Compressor Use	# of Gas Units	# of Electric Units	Horsepower	Location	Compressor Availability, Hours 1/	Compressor Availability, % of Total Hours	Planned Compressor Outage, Hours	Unplanned Compressor Outage, Hours	Total Compressor Outage, Hours 1/	Compressor Outage, % of Total Hours
1	1	Transmission	12	0	17,800	Agua Dulce, TX	2,125	48.4%	2,221	46	2,267	51.6%
2	3A	Transmission	1	0	10,915	Sinton, TX	4,383	99.8%	0	9	9	0.2%
3	9	Transmission	8	0	22,000	Victoria, TX	4,392	100.0%	0	0	0	0.0%
4	11A	Transmission	1	0	20,500	Edna, TX	4,376	99.6%	16	0	16	0.4%
5	17	Transmission	2	0	22,700	East Bernard, TX	2,195	50.0%	2,197	0	2,197	50.0%
6	25	Transmission	0	3	25,600	Cleveland, TX	4,334	98.7%	58	0	58	1.3%
7	32	Transmission	20	0	26,750	Jasper, TX	4,120	93.8%	272	0	272	6.2%
8	40	Transmission	11	0	30,400	Natchitoches, LA	1,677	38.2%	2,260	455	2,715	61.8%
9	47	Transmission	11	0	38,510	West Monroe, LA	3,611	82.2%	528	252	781	17.8%
10	54	Transmission	14	2	38,970	Greenville, MS	3,749	85.4%	535	108	643	14.6%
11	63	Transmission	23	0	38,150	Batesville, MS	3,478	79.2%	683	231	914	20.8%
12	71	Transmission	23	0	34,350	Middleton, TN	3,848	87.6%	340	204	544	12.4%
13	79	Transmission	3	0	39,099	Lobelville, TN	4,251	96.8%	12	129	141	3.2%
14	87	Transmission	22	0	49,700	Portland, TN	4,028	91.7%	294	70	364	8.3%
15	96	Transmission	19	2	41,200	Campbellsville, KY	4,088	93.1%	185	119	304	6.9%
16	106	Transmission	18	0	59,800	Clay City, KY	3,888	88.5%	451	53	504	11.5%
17	107A	Transmission	2	0	4,390	North Means, KY	4,381	99.7%	1	10	11	0.3%
18	110	Transmission	0	4	37,100	Morehead, KY	3,890	88.6%	471	31	502	11.4%
19	114	Transmission	8	3	44,251	Catlettsburg, KY	4,365	99.4%	25	2	27	0.6%
20	118A	Transmission	1	0	10,771	Tyler Mountain, WV	4,308	98.1%	84	0	84	1.9%
21	119A	Transmission	1	0	20,500	Rocky Fork, WV	4,230	96.3%	134	28	162	3.7%
22	200	Transmission	13	0	24,200	Greenup, KY	4,298	97.9%	65	29	94	2.1%
23	204	Transmission	12	0	22,970	Albany, OH	4,068	92.6%	238	86	324	7.4%
24	209	Transmission	13	0	21,000	Cambridge, OH	3,995	91.0%	218	180	397	9.0%
25	214	Transmission	13	0	19,880	Carrollton, OH	3,640	82.9%	308	443	752	17.1%

1/ Compressor availability and outages for each compressor station weighted by horsepower at each station.

Reliability Metrics: Compressor Availability (Cont'd)

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	Compressor Station	Compressor Use	# of Gas Units	# of Electric Units	Horsepower	Location	Compressor Availability, Hours 1/	Compressor Availability, % of Total Hours	Planned Compressor Outage, Hours	Unplanned Compressor Outage, Hours	Total Compressor Outage, Hours 1/	Compressor Outage, % of Total Hours
26	219	Transmission	14	0	21,550	Mercer, PA	3,664	83.4%	710	18	728	16.6%
27	224	Transmission	4	0	8,000	Clymer, NY	4,374	99.6%	15	3	18	0.4%
28	229	Transmission	6	0	8,400	Hamburg, NY	4,253	96.8%	33	106	139	3.2%
29	230C	Transmission	4	0	18,000	Lockport, NY	4,343	98.9%	11	38	49	1.1%
30	233	Transmission	2	0	7,000	Geneseo, NY	4,388	99.9%	4	0	4	0.1%
31	237A	Transmission	3	0	8,000	Clifton Springs, NY	4,368	99.5%	20	4	24	0.5%
32	241	Transmission	5	0	18,400	Lafayette, NY	4,116	93.7%	207	69	276	6.3%
33	245	Transmission	9	0	24,419	West Winfield, NY	3,997	91.0%	345	50	395	9.0%
34	249	Transmission	4	0	16,200	Carlisle, NY	3,900	88.8%	467	25	492	11.2%
35	254	Transmission	7	0	18,710	Nassau, NY	4,311	98.1%	80	1	81	1.9%
36	260A	Transmission	0	1	2,100	Southwick, MA	1,336	30.4%	3,026	30	3,056	69.6%
37	261	Transmission	3	1	22,717	Agawam, MA	4,379	99.7%	4	9	13	0.3%
38	264	Transmission	2	0	12,552	Charlton City, MA	3,792	86.3%	600	0	600	13.7%
39	265E	Transmission	1	0	7,170	Burrillville, RI	4,002	91.1%	276	114	390	8.9%
40	266A	Transmission	3	0	9,170	Mendon, MA	4,324	98.4%	62	6	68	1.6%
41	267	Transmission	5	0	5,000	Hopkinton, MA	4,389	99.9%	2	1	3	0.1%
42	270B	Transmission	1	0	6,053	Concord, NH	4,392	100.0%	0	0	0	0.0%
43	303	Transmission	1	0	16,000	Seneca, PA	4,248	96.7%	92	52	145	3.3%
44	307	Transmission	6	0	15,500	Pigeon, PA	4,392	100.0%	0	0	0	0.0%
45	310	Transmission	1	0	16,000	Smethport, PA	4,376	99.6%	16	0	16	0.4%
46	313	Transmission	9	1	24,170	Coudersport, PA	3,571	81.3%	762	59	821	18.7%
47	313A	Transmission	2	0	4,730	Elllisburg, PA	7	0.2%	4,385	0	4,385	99.8%
48	315	Transmission	2	0	28,630	Wellsboro, PA	4,385	99.8%	7	0	7	0.2%
49	317	Transmission	1	1	28,900	Troy, PA	4,329	98.6%	61	2	63	1.4%
50	319	Transmission	1	0	20,500	Wyalusing, PA	4,392	100.0%	0	0	0	0.0%
51	321	Transmission	5	0	36,317	West Clifford, PA	4,392	100.0%	0	0	0	0.0%
52	323A	Transmission	0	2	27,800	Hawley, PA	3,596	81.9%	790	6	796	18.1%
53	325	Transmission	3	0	41,122	Sussex, NJ	4,156	94.6%	52	185	236	5.4%
54	327	Transmission	0	1	19,000	West Milford, NJ	4,321	98.4%	72	0	72	1.6%
55	405A	Transmission	1	0	7,700	Avoca, NY	4,238	96.5%	146	9	154	3.5%

1/ Compressor availability and outages for each compressor station weighted by horsepower at each station.

Reliability Metrics: Compressor Availability (Cont'd)

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56	409	Transmission	3	0	14,470	Edinburg, TX	4,226	96.2%	154	12	166	3.8%
57	409A	Transmission	2	0	4,450	Edinburg, TX	4,392	100.0%	0	0	0	0.0%
58	500C-1	Transmission	1	0	4,498	Natchitoches, LA	4,312	98.2%	74	7	81	1.8%
59	504	Transmission	2	0	6,900	Pitkin, LA	3,937	89.6%	455	0	455	10.4%
60	523R	Transmission	1	0	3,594	Lirette, LA	0	0.0%	4,392	0	4,392	100.0%
61	527	Transmission	2	2	42,214	Port Sulfur, LA	3,622	82.5%	613	157	770	17.5%
62	530	Transmission	9	0	25,100	Bay St. Louis, MS	828	18.8%	3,564	0	3,564	81.2%
63	534	Transmission	7	0	26,000	Purvis, MS	3,769	85.8%	623	0	623	14.2%
64	538	Transmission	9	0	25,518	Heidelberg, MS	2,700	61.5%	1,276	416	1,692	38.5%
65	542	Transmission	5	0	29,500	Dekalb, MS	2,239	51.0%	1,284	869	2,153	49.0%
66	546	Transmission	8	0	30,000	Columbus, MS	3,005	68.4%	368	1,019	1,387	31.6%
67	550	Transmission	5	0	29,500	Hamilton, AL	3,540	80.6%	302	550	852	19.4%
68	555	Transmission	7	0	25,000	Collinwood, TN	3,839	87.4%	90	463	553	12.6%
69	563	Transmission	2	0	60,000	Joelton, TN	3,976	90.5%	152	264	416	9.5%
70	703A	Transmission	1	0	7,700	Mansfield, LA	4,383	99.8%	9	0	9	0.2%
71	820	Transmission	2	0	9,150	Starks, LA	2,196	50.0%	2,196	0	2,196	50.0%
72	823	Transmission	13	0	32,650	Kinder, LA	3,413	77.7%	658	321	979	22.3%
73	827	Transmission	1	0	15,900	Alexandria, LA	4,304	98.0%	85	3	89	2.0%
74	834	Transmission	7	0	11,350	Winnsboro, LA	3,257	74.2%	614	521	1,135	25.8%
75	836A	Transmission	1	0	15,900	Delhi, LA	4,367	99.4%	26	0	26	0.6%
76	838	Transmission	8	0	16,350	Lake Providence, LA	4,392	100.0%	0	0	0	0.0%
77	843	Transmission	9	0	14,350	Isola, MS	3,290	74.9%	1,102	0	1,102	25.1%
78	847	Transmission	0	2	13,400	Coffeeville, MS	3,746	85.3%	111	535	646	14.7%
79	851	Transmission	8	0	13,600	New Albany, MS	3,730	84.9%	662	0	662	15.1%
80	856	Transmission	2	0	12,500	Savannah, TN	4,392	100.0%	0	0	0	0.0%
81	860	Transmission	13	0	31,600	Centerville, TN	1,571	35.8%	19	2,802	2,821	64.2%
82	871	Transmission	3	0	13,500	Campbellsville, KY	2,814	64.1%	387	1,191	1,578	35.9%
83	871A	Transmission	2	0	2,400	Dry Creek, KY	4,128	94.0%	264	0	264	6.0%
84	875	Transmission	1	0	16,000	Richmond, KY	4,203	95.7%	189	0	189	4.3%
85	313	Storage	4	0	5,280	Coudersport, PA	3,517	80.1%	672	203	875	19.9%

1/ Compressor availability and outages for each compressor station weighted by horsepower at each station.

Reliability Metrics: Firm Service Availability

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For the period April 1, 2024 through September 30, 2024

- TGP experienced restrictions in primary-in-path firm service in 5 of its DART segments (out of 110 DART segments)
- 16 days were related to force majeure outages in DART segment 406

	Pipeline Segment	DART Segment	State	No. Days Total	No. Days w/ Restrictions	No. Days w/ FM Outages	Avg Daily Cut Dth/d	Reduction Reason	% Available During Reporting Period
1	Zone 0 - 400 Line (MLV 406)	406	TX	183	16	16	123,940	Force Majeure (FMJ)	96.0%
2	Zone 1 - 500 Line (MLV 548)	542	AL	183	9	0	390,119	Pipeline Maint (PLM)	98.7%
3	Zone 1 - 500 Line (STA 860 SOUTH 500 LINE)	548	AL	183	8	0	818,894	Pipeline Maint (PLM)	97.7%
4	Zone 3 - 100 Line (STA 114 EAST)	114	WV	183	3	0	271,439	Pipeline Maint (PLM)	99.4%
5	Zone 4 - 200 Line (STA 204)	204	OH	183	92	0	225,478	Pipeline Maint (PLM)	93.5%

Questions