



Gas Transmission Northwest LLC

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November 27, 2018

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: Gas Transmission Northwest LLC
Annual Fuel Charge Adjustment
Docket No. RP19- _____ - _____

Dear Ms. Bose:

Pursuant to Section 4 of the Natural Gas Act and Part 154 of the Federal Energy Regulatory Commission's ("FERC" or "Commission") regulations,¹ Gas Transmission Northwest LLC ("GTN") submits for filing revised Section 4.3 to be part of its FERC Gas Tariff, Fourth Revised Volume No. 1-A ("Tariff").² This tariff filing is being submitted to comply with the annual fuel charge adjustment provisions contained within Section 6.38 of the General Terms and Conditions ("GT&C") of GTN's Tariff.³ GTN respectfully requests that the Commission accept revised Section 4.3, included herein as Appendix A, to become effective January 1, 2018.

Correspondence

The names, titles and mailing address of the persons to whom correspondence and communications concerning this filing should be directed are as follows:

¹ 18 C.F.R. Part 154 (2018).

² 4.3 – Statement of Rates, Footnotes to Statement of Effective Rates and Charges, v.16.0.0 ("Section 4.3").

³ 6.38 – GT&C, Fuel Adjustment Mechanism, v.4.0.0 ("Section 6.38").

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* Persons designated for official service pursuant to Rule 2010.

Statement of the Nature, Reasons, and Basis for Filing

Section 6.38 of GTN's GT&C provides a mechanism for GTN to track its fuel and line loss recoveries and establish a new fuel and line loss surcharge for each twelve-month period beginning January 1. GTN proposes that effective January 1, 2019, the fuel and line loss surcharge shall be revised from 0.0002% to 0.0000% per Dth per pipeline mile.

As required by Section 6.38, GTN is filing workpapers detailing the calculation of its fuel and line loss surcharge percentage. As more fully detailed in the attached workpapers (Appendix C, Schedule 1), the proposed surcharge percentage is computed by quantifying GTN's actual fuel and line loss over/under collection position at October 31, 2018, and dividing the result by an estimate of the quantities of gas to be delivered by GTN over the following twelve-month period.

Included herein, as required by paragraph 2(d) of Section 6.38, are workpapers (Appendix C, Schedule 2) showing the derivation of the fuel and line loss percentages in effect for each month of the twelve-month period from November 2017 through October 2018.

Effect on Exiting Rate Schedules

The proposed fuel and line loss surcharge will not change or affect the characteristics of any of GTN's transportation services other than as specifically stated herein.

Other Filings Which May Affect This Proceeding

There are no other filings before the Commission that may significantly affect the changes proposed herein.

Effect on Cost and Revenues

GTN will be kept revenue neutral as a result of this filing.

Motion to Place Tariff into Effect

GTN respectfully requests that proposed Section 4.3, included herein as Appendix A, be accepted without addition, modification, or deletion and placed into effect on January 1, 2019. Apart from the foregoing, GTN reserves its right under Section 154.7(a) to file a motion to place the proposed revised Section 4.3 into effect at the end of any suspension period ordered by the Commission.

Contents of Filing

In accordance with Section 154.7 of the Commission's regulations, GTN is submitting the following via its electronic tariff filing:

- 1) This transmittal letter;
- 2) A clean version of Section 4.3 (Appendix A);
- 3) A marked version of Section 4.3 (Appendix B); and
- 4) Workpapers in support of the proposed change (Appendix C).

Certificate of Service

As required by Sections 154.7(b) and 154.208 of the Commission's regulations, copies of this filing are being served upon all of GTN's existing customers and interested state regulatory agencies. A copy of this letter, together with any attachments, is available during regular business hours for public inspection at GTN's principal place of business.

Pursuant to Section 385.2005 and Section 385.2011, the undersigned has read this filing and knows its contents, and the contents are true as stated, to the best of his knowledge and belief. Additionally, the undersigned possesses full power and authority to sign such filing.

Any questions regarding this filing may be directed to David Brown at (832) 320-5512.

Respectfully submitted,

A handwritten signature in black ink that reads "John A. Roscher". The signature is written in a cursive style with a long horizontal flourish extending to the right. Below the signature is a solid horizontal line.

John A. Roscher
Director, Rates & Tariffs

Enclosures

Appendix A

Gas Transmission Northwest LLC

FERC Gas Tariff, Fourth Revised Volume No. 1-A

Clean Tariff

<u>Section No.</u>	<u>Section Description</u>	<u>Version</u>
4.3	Statement of Rates – Footnotes to Statement of Effective Rates and Charges	(v.16.0.0)

STATEMENT OF EFFECTIVE RATES AND CHARGES
FOR TRANSPORTATION OF NATURAL GAS

Notes:

- (a) The mileage component shall be applied per pipeline mile to gas transported by GTN for delivery to shipper based on the primary receipt and delivery points in Shipper's contract. Consult GTN's system map in Section 3 for receipt and delivery point and milepost designations.
- (b) The non-mileage component is applied per Shipper's MDQ at Primary Point(s) of Delivery on Mainline Facilities.
- (c) The delivery rates are applied per pipeline mile to gas transported by GTN for delivery to shipper based on distance of gas transported. Consult GTN's system map in Section 3 for receipt and delivery point and milepost designations.
- (d) Fuel Use: Shipper shall furnish gas used for compressor station fuel, line loss, and other utility purposes, plus other unaccounted-for gas used in the operation of GTN's combined pipeline system in an amount equal to the sum of the current fuel and line loss percentage and the fuel and line loss percentage surcharge in accordance with Section 6.38 of this tariff, multiplied by the distance in pipeline miles transported from the receipt point to the delivery point multiplied by the transportation quantities of gas received from Shipper under these rate schedules. The current fuel and line loss percentage shall be adjusted each month between the maximum rate of 0.0050% per Dth per pipeline mile and the minimum rate of 0.0000% per Dth per mile. The fuel and line loss percentage surcharge is 0.0000% per Dth per pipeline mile. No fuel use charges will be assessed for backhaul service. Currently effective fuel charges may be found on GTN's Internet website under "Informational Postings."
- (e) Seasonal recourse rates apply to short-term firm (STF) service under Rate Schedules FTS-1 and FHS (i.e., firm service that has a term of less than one year and that does not include multiple-year seasonal service) and IT Service under Rate Schedules ITS-1 and IHS. By March 1 of each year GTN may designate up to four (4) months as peak months during a twelve-month period beginning on June 1 of the same year through May 31 of the following year. All other months will be considered off-peak months. Reservation rate components that apply to STF service and per-unit-rate ITS-1 and IHS service are as follows (delivery charges and applicable surcharges continue to apply):

For STF and ITS-1:

	4 Peak Mos.	3 Peak Mos.	2 Peak Mos.	1 Peak Mo.	0 Peak Mos.
Peak NM Res.	\$0.048150	\$0.048150	\$0.048150	\$0.048150	\$0.034393
Peak Mi. Res.	\$0.000608	\$0.000608	\$0.000608	\$0.000608	\$0.000434
Off-Pk NM Res.	\$0.027515	\$0.029807	\$0.031642	\$0.033142	\$0.034393
Off-Pk Mi. Res.	\$0.000347	\$0.000376	\$0.000399	\$0.000418	\$0.000434

For IHS:

	4 Peak Mos.	3 Peak Mos.	2 Peak Mos.	1 Peak Mo.	0 Peak Mos.
Peak NM Res.	\$0.115560	\$0.115560	\$0.115560	\$0.115560	\$0.082543
Peak Mi. Res.	\$0.001459	\$0.001459	\$0.001459	\$0.001459	\$0.001042
Off-Pk NM Res.	\$0.066036	\$0.071537	\$0.075941	\$0.079541	\$0.082543
Off-Pk Mi. Res.	\$0.000833	\$0.000902	\$0.000958	\$0.001003	\$0.001042

Months currently designated as "Peak Months" may be found on GTN's Internet website under "Informational Postings." By March 1 of each year, GTN will post the Peak Months for the upcoming twelve-month period beginning June 1 of the same year.

- (f) Applicable to firm service on GTN's Medford Extension.
- (g) Reserved for Future Use.
- (h) E-2 (Diamond 1) is a negotiated reservation charge of \$0.002972 per Dth per day for first 45,000 Dth/d and E-2 (Diamond 2) is a negotiated reservation charge of \$0.001166 per Dth per day for the second 45,000 Dth/d. During leap years, E-2 (Diamond 1) is a negotiated reservation charge of \$0.002964 per Dth per day for first 45,000 Dth/d and E-2 (Diamond 2) is a negotiated reservation charge of \$0.001163 per Dth per day for the second 45,000 Dth/d.
- (i) Applicable to firm service on GTN's Coyote Springs Extension.
- (j) The Overrun Charge shall be equal to the rates and charges set forth for interruptible service under Rate Schedule ITS-1.
- (k) In accordance with Section 6.22 of the Transportation General Terms and Conditions of this FERC Gas Tariff, Fourth Revised Volume No. 1-A, all Transportation services that involve the physical movement of gas shall pay an ACA unit adjustment. The currently effective ACA unit adjustment as published on the Commission's website (www.ferc.gov) is

incorporated herein by reference. This adjustment shall be in addition to the Base Tariff Rate(s) specified above.

- (l) Reserved for Future Use.
- (m) Reserved.
- (n) The Rate Schedule ITS-1 Mileage Component shall be applied per pipeline mile to gas transported by GTN based on the distance of gas transported. Consult GTN's system map in Section 3 for receipt and delivery point and milepost designations.
- (o) The Rate Schedule ITS-1 Non-Mileage Component shall be applied per Dth of gas transported by GTN for immediate delivery to the facilities of another entity or an extension facility.
- (p) Applicable to firm service on GTN's Carty Lateral Extension.

Appendix B

Gas Transmission Northwest LLC

FERC Gas Tariff, Fourth Revised Volume No. 1-A

Marked Tariff

<u>Section No.</u>	<u>Section Description</u>	<u>Version</u>
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STATEMENT OF EFFECTIVE RATES AND CHARGES
FOR TRANSPORTATION OF NATURAL GAS

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- (p) Applicable to firm service on GTN's Carty Lateral Extension.

Appendix C

Workpapers

**Fuel and Line Loss Surcharge Calculation
(Volumes in Dth)**

Line No.										
1	Fuel Tracker Position for Twelve Months Ending October 31, 2017 1/									569,627
	Actual Compressor Fuel Used	Line Loss & Unaccounted For Gas Gain / (Loss)	Net Fuel Use and Lost & Unaccounted For Gas (a - b)	Retained Compressor Fuel at Posted Rate 2/	Current Fuel Rate as % of Posted Rate 3/	Current Month Fuel Retained (d * e)	Monthly (Over)/Under Position (c-f)	Surcharge Fuel Retained (d-f)	Cumulative (Over)/Under Position (i +g-h)	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
2	Beginning Balance (Line 1)									569,627
3	Nov-17	964,578	(69,684)	1,034,262	1,294,928	95.56%	1,237,433	(203,171)	57,495	308,961
4	Dec-17	883,970	(96,620)	980,590	1,298,614	95.45%	1,239,527	(258,937)	59,087	(9,063)
5	Jan-18	1,076,446	211,319	865,127	1,304,995	95.24%	1,242,877	(377,750)	62,118	(448,931)
6	Feb-18	861,422	60,749	800,673	949,966	94.12%	894,108	(93,435)	55,858	(598,224)
7	Mar-18	1,097,714	48,622	1,049,092	1,031,754	93.55%	965,206	83,886	66,548	(580,886)
8	Apr-18	1,342,741	25,539	1,317,202	963,941	92.59%	892,513	424,689	71,428	(227,625)
9	May-18	1,551,666	6,765	1,544,901	1,212,311	93.55%	1,134,117	410,784	78,194	104,965
10	Jun-18	1,445,866	(13,251)	1,459,117	1,343,403	94.59%	1,270,725	188,392	72,678	220,679
11	Jul-18	1,660,145	91,171	1,568,974	1,382,301	94.59%	1,307,519	261,455	74,782	407,352
12	Aug-18	1,613,723	48,622	1,565,101	1,555,543	95.24%	1,481,499	83,602	74,044	416,910
13	Sep-18	1,676,818	18,050	1,658,768	1,651,593	95.65%	1,579,749	79,019	71,844	424,085
14	Oct-18	1,409,151	118,640	1,290,511	1,609,025	95.83%	1,541,929	(251,418)	67,096	105,571
15	Cumulative Balance Using Monthly Tracking Approach For Twelve Months Ending October 31, 2018.									105,571
16	Total Annual Dth-mile Throughput									376,561,719,952
17	Fuel Surcharge (Line 15/ Line 16) 4/									0.0000%

1/ Docket No. RP18-187-000, Appendix A, Schedule 1, Page 1, Line 15.

2/ See Schedule 1, Page 2, Column (c) for Posted Rate.

3/ See Schedule 1, Page 2, Column (d) for Current Rate.

4/ If the fuel line and loss surcharge is +/- .0001%, then surcharge is deemed to be zero per Section 6.38.

Fuel and Line Loss Surcharges in Effect During Review Period

Line No.	Month	Current Fuel & Line Loss % Per Dth-Mile	Surcharge Fuel & Line Loss % Per Dth-Mile	Effective (Posted) Fuel & Line Loss % (a+b)	Current Rate As % of Posted Rate (a/c)
		(a)	(b)	(c)	(d)
1	Nov-17	0.000043	0.000002	0.000045	95.56%
2	Dec-17	0.000042	0.000002	0.000044	95.45%
3	Jan-18	0.000040	0.000002	0.000042	95.24%
4	Feb-18	0.000032	0.000002	0.000034	94.12%
5	Mar-18	0.000029	0.000002	0.000031	93.55%
6	Apr-18	0.000025	0.000002	0.000027	92.59%
7	May-18	0.000029	0.000002	0.000031	93.55%
8	Jun-18	0.000035	0.000002	0.000037	94.59%
9	Jul-18	0.000035	0.000002	0.000037	94.59%
10	Aug-18	0.000040	0.000002	0.000042	95.24%
11	Sep-18	0.000044	0.000002	0.000046	95.65%
12	Oct-18	0.000046	0.000002	0.000048	95.83%

November Fuel and Line Loss Percentage Calculation (September Production)

1 Monthly estimate of quantity of gas to be delivered:	64,890,000	Dth
2 Projected quantities of compressor fuel:	1,566,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	62,397	Dth
4 Projected quantities of fuel and L&U:	1,503,603	Dth
5 Add projected fuel retention or (return):	(11,404)	Dth
6 Total fuel to be retained:	1,492,199	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.022996	
8 Estimated Average Pipeline Miles	540	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000043	

Preceding month (September) results:

10 Actual fuel usage	1,274,467	Dth
11 L&U gain / (loss)	62,397	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,212,070	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	1,223,474	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(11,404)	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000038	1,223,474
16 Surcharge Fuel Retained	0.000002	64,393
17 Total Fuel Retained at Posted Rate	0.00004	1,287,867

December Fuel and Line Loss Percentage Calculation (October production)

1 Monthly estimate of quantity of gas to be delivered:	67,053,000	Dth
2 Projected quantities of compressor fuel:	1,460,100	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(19,218)	Dth
4 Projected quantities of fuel and L&U:	1,479,318	Dth
5 Add projected fuel retention or (return):	(71,841)	Dth
6 Total fuel to be retained:	1,407,477	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.020991	
8 Estimated Average Pipeline Miles	500	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000042	

Preceding month (October) results:

10 Actual fuel usage	1,170,494	Dth
11 L&U gain / (loss)	(19,218)	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,189,712	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	1,261,553	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(71,841)	Dth

	Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000042	1,261,553	
16 Surcharge Fuel Retained	0.000002	60,137	
17 Total Fuel Retained at Posted Rate	0.000044	1,321,690	

January Fuel and Line Loss Percentage Calculation (November production)

1 Monthly estimate of quantity of gas to be delivered:	65,774,250	Dth
2 Projected quantities of compressor fuel:	1,370,975	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(69,684)	Dth
4 Projected quantities of fuel and L&U:	1,440,659	Dth
5 Add projected fuel retention or (return):	(203,171)	Dth
6 Total fuel to be retained:	1,237,488	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.018814	
8 Estimated Average Pipeline Miles	470	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.00004	

Preceding month (November) results:

10 Actual fuel usage	964,578	Dth
11 L&U gain / (loss)	(69,684)	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,034,262	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	1,237,433	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(203,171)	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000043	1,237,433
16 Surcharge Fuel Retained	0.000002	57,495
17 Total Fuel Retained at Posted Rate	0.000045	1,294,928

February Fuel and Line Loss Percentage Calculation (December production)

1 Monthly estimate of quantity of gas to be delivered:	59,581,200 Dth
2 Projected quantities of compressor fuel:	1,008,000 Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(96,620) Dth
4 Projected quantities of fuel and L&U:	1,104,620 Dth
5 Add projected fuel retention or (return):	(258,937) Dth
6 Total fuel to be retained:	845,683 Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.014194
8 Estimated Average Pipeline Miles	440
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000032

Preceding month (December) results:

10 Actual fuel usage	883,970 Dth
11 L&U gain / (loss)	<u>(96,620) Dth</u>
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	980,590 Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	<u>1,239,527 Dth</u>
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	<u>(258,937) Dth</u>

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000042	1,239,527
16 Surcharge Fuel Retained	0.000002	59,087
17 Total Fuel Retained at Posted Rate	<u>0.000044</u>	<u>1,298,614</u>

March Fuel and Line Loss Percentage Calculation (January production)

1 Monthly estimate of quantity of gas to be delivered:	65,774,250 Dth
2 Projected quantities of compressor fuel:	1,367,100 Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	211,319 Dth
4 Projected quantities of fuel and L&U:	1,155,781 Dth
5 Add projected fuel retention or (return):	(377,750) Dth
6 Total fuel to be retained:	778,031 Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.011829
8 Estimated Average Pipeline Miles	415
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000029

Preceding month (January) results:

10 Actual fuel usage	1,076,446 Dth
11 L&U gain / (loss)	<u>211,319 Dth</u>
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	865,127 Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	<u>1,242,877 Dth</u>
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	<u>(377,750) Dth</u>

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.00004	1,242,877
16 Surcharge Fuel Retained	0.000002	62,118
17 Total Fuel Retained at Posted Rate	<u>0.000042</u>	<u>1,304,995</u>

April Fuel and Line Loss Percentage Calculation (February production)

1 Monthly estimate of quantity of gas to be delivered:	69,862,500	Dth
2 Projected quantities of compressor fuel:	1,080,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	60,749	Dth
4 Projected quantities of fuel and L&U:	1,019,251	Dth
5 Add projected fuel retention or (return):	(93,435)	Dth
6 Total fuel to be retained:	925,816	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.013252	
8 Estimated Average Pipeline Miles	520	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000025	

Preceding month (February) results:

10 Actual fuel usage	861,422	Dth
11 L&U gain / (loss)	60,749	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	800,673	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	894,108	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(93,435)	Dth

	Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000032	894,108	
16 Surcharge Fuel Retained	0.000002	55,858	
17 Total Fuel Retained at Posted Rate	0.000034	949,966	

May Fuel and Line Loss Percentage Calculation (March production)

1 Monthly estimate of quantity of gas to be delivered:	77,004,000	Dth
2 Projected quantities of compressor fuel:	1,209,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	48,622	Dth
4 Projected quantities of fuel and L&U:	1,160,378	Dth
5 Add projected fuel retention or (return):	83,886	Dth
6 Total fuel to be retained:	1,244,264	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.016158	
8 Estimated Average Pipeline Miles	550	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000029	

Preceding month (March) results:

10 Actual fuel usage	1,097,714	Dth
11 L&U gain / (loss)	48,622	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,049,092	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	965,206	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	83,886	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000029	965,206
16 Surcharge Fuel Retained	0.000002	66,548
17 Total Fuel Retained at Posted Rate	0.000031	1,031,754

June Fuel and Line Loss Percentage Calculation (April production)

1 Monthly estimate of quantity of gas to be delivered:	73,278,000 Dth
2 Projected quantities of compressor fuel:	1,044,000 Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	25,539 Dth
4 Projected quantities of fuel and L&U:	1,018,461 Dth
5 Add projected fuel retention or (return):	424,689 Dth
6 Total fuel to be retained:	1,443,150 Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.019694
8 Estimated Average Pipeline Miles	560
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000035

Preceding month (April) results:

10 Actual fuel usage	1,342,741 Dth
11 L&U gain / (loss)	<u>25,539 Dth</u>
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,317,202 Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	<u>892,513 Dth</u>
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	<u><u>424,689 Dth</u></u>

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000025	892,513
16 Surcharge Fuel Retained	0.000002	71,428
17 Total Fuel Retained at Posted Rate	<u>0.000027</u>	<u>963,941</u>

July Fuel and Line Loss Percentage Calculation (May production)

1 Monthly estimate of quantity of gas to be delivered:	77,306,250 Dth
2 Projected quantities of compressor fuel:	1,088,100 Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	6,765 Dth
4 Projected quantities of fuel and L&U:	1,081,335 Dth
5 Add projected fuel retention or (return):	410,784 Dth
6 Total fuel to be retained:	1,492,119 Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.019301
8 Estimated Average Pipeline Miles	550
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000035

Preceding month (May) results:

10 Actual fuel usage	1,551,666 Dth
11 L&U gain / (loss)	<u>6,765 Dth</u>
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,544,901 Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	<u>1,134,117 Dth</u>
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	<u><u>410,784 Dth</u></u>

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000029	1,134,117
16 Surcharge Fuel Retained	0.000002	78,194
17 Total Fuel Retained at Posted Rate	<u>0.000031</u>	<u>1,212,311</u>

August Fuel and Line Loss Percentage Calculation (June production)

1 Monthly estimate of quantity of gas to be delivered:	74,152,000	Dth
2 Projected quantities of compressor fuel:	1,395,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(13,251)	Dth
4 Projected quantities of fuel and L&U:	1,408,251	Dth
5 Add projected fuel retention or (return):	188,392	Dth
6 Total fuel to be retained:	1,596,643	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.021532	
8 Estimated Average Pipeline Miles	540	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.00004	

Preceding month (June) results:

10 Actual fuel usage	1,445,866	Dth
11 L&U gain / (loss)	(13,251)	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,459,117	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	1,270,725	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	188,392	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000035	1,270,725
16 Surcharge Fuel Retained	0.000002	72,678
17 Total Fuel Retained at Posted Rate	0.000037	1,343,403

September Fuel and Line Loss Percentage Calculation (July production)

1 Monthly estimate of quantity of gas to be delivered:	73,320,000	Dth
2 Projected quantities of compressor fuel:	1,620,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	91,171	Dth
4 Projected quantities of fuel and L&U:	1,528,829	Dth
5 Add projected fuel retention or (return):	261,455	Dth
6 Total fuel to be retained:	1,790,284	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.024417	
8 Estimated Average Pipeline Miles	560	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000044	

Preceding month (July) results:

10 Actual fuel usage	1,660,145	Dth
11 L&U gain / (loss)	91,171	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,568,974	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	1,307,519	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	261,455	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000035	1,307,519
16 Surcharge Fuel Retained	0.000002	74,782
17 Total Fuel Retained at Posted Rate	0.000037	1,382,301

October Fuel and Line Loss Percentage Calculation (August production)

1 Monthly estimate of quantity of gas to be delivered:	75,399,750 Dth
2 Projected quantities of compressor fuel:	1,832,100 Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	48,622 Dth
4 Projected quantities of fuel and L&U:	1,783,478 Dth
5 Add projected fuel retention or (return):	83,602 Dth
6 Total fuel to be retained:	1,867,080 Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.024762
8 Estimated Average Pipeline Miles	540
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000046

Preceding month (August) results:

10 Actual fuel usage	1,613,723 Dth
11 L&U gain / (loss)	<u>48,622 Dth</u>
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,565,101 Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	<u>1,481,499 Dth</u>
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	<u><u>83,602 Dth</u></u>

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.00004	1,481,499
16 Surcharge Fuel Retained	0.000002	74,044
17 Total Fuel Retained at Posted Rate	<u>0.000042</u>	<u>1,555,543</u>