



Gas Transmission Northwest LLC

700 Louisiana Street, Suite 700
Houston, TX 77002-2700

John A. Roscher
Director, Rates & Regulatory

tel 832.320.5675
fax 832.320.6675
email John_Roscher@TransCanada.com
web www.gastransmissionnw.com

November 21, 2016

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. RP17- _____ - _____

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, 2017.

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 (2016).

² 4.3 – Statement of Rates, Footnotes to Statement of Effective Rates and Charges, v.13.0.0 ("Section 4.3").

³ 6.38 – GT&C, Fuel Adjustment Mechanism, v.2.0.0 ("Section 6.38").

Eva N. Neufeld *
Associate General Counsel
Gas Transmission Northwest LLC
700 Louisiana Street, Suite 700
Houston, Texas 77002-2700
Tel. (832) 320-5623
Fax (832) 320-6623
eva_neufeld@transcanada.com

John A. Roscher
Director, Rates & Regulatory
Joan F. Collins *
Manager, Tariffs and Compliance
Gas Transmission Northwest LLC
700 Louisiana Street, Suite 700
Houston, Texas 77002-2700
Tel. (832) 320-5651
Fax (832) 320-6651
joan_collins@transcanada.com

* 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, 2017, the fuel and line loss surcharge shall be revised from 0.0000% to 0.0002% 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, 2016, 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 2015 through October 2016.

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 as Appendix A, be accepted without addition, modification, or deletion and placed into effect on January 1, 2017. 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) The clean Section 4.3 (Appendix A);
- 3) A marked version of Section 4.3 (Appendix B); and
- 4) Workpapers in support of the proposed changes (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 the enclosed 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 Joan Collins at (832) 320-5651.

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 & Regulatory

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.13.0.0)

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 0.0002% 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 Schedule FTS-1 (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 Schedule ITS-1. 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 IT service are as follows (delivery charges and applicable surcharges continue to apply):

	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

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>
4.3	Statement of Rates – Footnotes to Statement of Effective Rates and Charges	(v.13.0.0)

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.~~00000002~~% 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 Schedule FTS-1 (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 Schedule ITS-1. 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 IT service are as follows (delivery charges and applicable surcharges continue to apply):

	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

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 C

Workpapers

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

Line No.										
1	Fuel Tracker Position for Twelve Months Ending October 31, 2015 1/								447,568	
	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)								447,568	
3	Nov-15	774,128	52,036	722,092	726,490	100.00%	726,490	(4,398)	0	443,170
4	Dec-15	810,847	(15,947)	826,794	779,993	100.00%	779,993	46,801	0	489,971
5	Jan-16	810,872	(14,249)	825,121	883,581	100.00%	883,581	(58,460)	0	431,511
6	Feb-16	808,298	58,150	750,148	842,111	100.00%	842,111	(91,963)	0	339,548
7	Mar-16	927,535	8,256	919,279	912,822	100.00%	912,822	6,457	0	346,005
8	Apr-16	1,086,073	(102,303)	1,188,376	867,371	100.00%	867,371	321,005	0	667,010
9	May-16	1,069,625	22,139	1,047,486	997,707	100.00%	997,707	49,779	0	716,789
10	Jun-16	1,056,725	681,176	375,549	796,636	100.00%	796,636	(421,087)	0	295,702
11	Jul-16	1,192,987	5,276	1,187,711	787,594	100.00%	787,594	400,117	0	695,819
12	Aug-16	1,186,279	237,176	949,103	1,040,920	100.00%	1,040,920	(91,817)	0	604,002
13	Sep-16	1,202,394	(49,142)	1,251,536	1,142,647	100.00%	1,142,647	108,889	0	712,891
14	Oct-16	1,012,629	(72,827)	1,085,456	1,213,275	100.00%	1,213,275	(127,819)	0	585,072
15	Cumulative Balance Using Monthly Tracking Approach For Twelve Months Ending October 31, 2016.								585,072	
16	Total Annual Dth-mile Throughput								346,420,692,000	
17	Fuel Surcharge (Line 15/ Line 16) 4/								0.0002%	

1/ Docket No. RP16-227-000, 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-15	0.000028	0.000000	0.000028	100.00%
2	Dec-15	0.000028	0.000000	0.000028	100.00%
3	Jan-16	0.000032	0.000000	0.000032	100.00%
4	Feb-16	0.000031	0.000000	0.000031	100.00%
5	Mar-16	0.000030	0.000000	0.000030	100.00%
6	Apr-16	0.000027	0.000000	0.000027	100.00%
7	May-16	0.000031	0.000000	0.000031	100.00%
8	Jun-16	0.000025	0.000000	0.000025	100.00%
9	Jul-16	0.000024	0.000000	0.000024	100.00%
10	Aug-16	0.000032	0.000000	0.000032	100.00%
11	Sep-16	0.000036	0.000000	0.000036	100.00%
12	Oct-16	0.000038	0.000000	0.000038	100.00%

November Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	60,672,000	Dth
2 Projected quantities of compressor fuel:	855,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	135,970	Dth
4 Projected quantities of fuel and L&U:	719,030	Dth
5 Add projected fuel retention or (return):	192,323	Dth
6 Total fuel to be retained:	911,353	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.015021	
8 Estimated Average Pipeline Miles	535	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000028	

Preceding month (September) results:

10 Actual fuel usage	1,028,619	Dth
11 L&U gain / (loss)	135,970	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	892,649	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	700,326	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	192,323	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000024	700,326
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000024	700,326

December Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	60,372,500	Dth
2 Projected quantities of compressor fuel:	744,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	48,825	Dth
4 Projected quantities of fuel and L&U:	695,175	Dth
5 Add projected fuel retention or (return):	185,378	Dth
6 Total fuel to be retained:	880,553	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.014585	
8 Estimated Average Pipeline Miles	525	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000028	

Preceding month (October) results:

10 Actual fuel usage	954,518	Dth
11 L&U gain / (loss)	48,825	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	905,693	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	720,315	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	185,378	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000024	720,315
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000024	720,315

January Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	61,465,250	Dth
2 Projected quantities of compressor fuel:	1,023,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	52,036	Dth
4 Projected quantities of fuel and L&U:	970,964	Dth
5 Add projected fuel retention or (return):	(4,398)	Dth
6 Total fuel to be retained:	966,566	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.015725	
8 Estimated Average Pipeline Miles	495	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000032	

Preceding month (November) results:

10 Actual fuel usage	774,128	Dth
11 L&U gain / (loss)	52,036	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	722,092	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	726,490	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(4,398)	Dth

<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
15 Current Month Fuel Retained	0.000028	726,490
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000028	726,490

February Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	58,878,700	Dth
2 Projected quantities of compressor fuel:	841,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(15,947)	Dth
4 Projected quantities of fuel and L&U:	856,947	Dth
5 Add projected fuel retention or (return):	46,801	Dth
6 Total fuel to be retained:	903,748	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.015349	
8 Estimated Average Pipeline Miles	500	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000031	

Preceding month (December) results:

10 Actual fuel usage	810,847	Dth
11 L&U gain / (loss)	(15,947)	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	826,794	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	779,993	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	46,801	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000028	779,993
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000028	779,993

March Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	60,849,125	Dth
2 Projected quantities of compressor fuel:	988,900	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(14,249)	Dth
4 Projected quantities of fuel and L&U:	1,003,149	Dth
5 Add projected fuel retention or (return):	(58,460)	Dth
6 Total fuel to be retained:	944,689	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.015525	
8 Estimated Average Pipeline Miles	515	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.00003	

Preceding month (January) results:

10 Actual fuel usage	810,872	Dth
11 L&U gain / (loss)	(14,249)	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	825,121	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	883,581	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(58,460)	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000032	883,581
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000032	883,581

April Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	58,272,250	Dth
2 Projected quantities of compressor fuel:	990,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	58,150	Dth
4 Projected quantities of fuel and L&U:	931,850	Dth
5 Add projected fuel retention or (return):	(91,963)	Dth
6 Total fuel to be retained:	839,887	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.014413	
8 Estimated Average Pipeline Miles	540	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000027	

Preceding month (February) results:

10 Actual fuel usage	808,298	Dth
11 L&U gain / (loss)	58,150	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	750,148	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	842,111	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(91,963)	Dth

	Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	842,111	0.000031	
16 Surcharge Fuel Retained	-	0.000000	
17 Total Fuel Retained at Posted Rate	842,111	0.000031	

May Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	59,868,750	Dth
2 Projected quantities of compressor fuel:	1,023,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	8,256	Dth
4 Projected quantities of fuel and L&U:	1,014,744	Dth
5 Add projected fuel retention or (return):	6,457	Dth
6 Total fuel to be retained:	1,021,201	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.017057	
8 Estimated Average Pipeline Miles	550	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000031	

Preceding month (March) results:

10 Actual fuel usage	927,535	Dth
11 L&U gain / (loss)	8,256	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	919,279	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	912,822	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	6,457	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.00003	912,822
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.00003	912,822

June Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	63,993,000	Dth
2 Projected quantities of compressor fuel:	504,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	(102,303)	Dth
4 Projected quantities of fuel and L&U:	606,303	Dth
5 Add projected fuel retention or (return):	321,005	Dth
6 Total fuel to be retained:	927,308	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.014491	
8 Estimated Average Pipeline Miles	580	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000025	

Preceding month (April) results:

10 Actual fuel usage	1,086,073	Dth
11 L&U gain / (loss)	(102,303)	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,188,376	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	867,371	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	321,005	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000027	867,371
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000027	867,371

July Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	66,576,375	Dth
2 Projected quantities of compressor fuel:	837,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	22,139	Dth
4 Projected quantities of fuel and L&U:	814,861	Dth
5 Add projected fuel retention or (return):	49,779	Dth
6 Total fuel to be retained:	864,640	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.012987	
8 Estimated Average Pipeline Miles	540	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000024	

Preceding month (May) results:

10 Actual fuel usage	1,069,625	Dth
11 L&U gain / (loss)	22,139	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,047,486	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	997,707	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	49,779	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000031	997,707
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000031	997,707

August Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	67,851,250	Dth
2 Projected quantities of compressor fuel:	2,278,500	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	681,176	Dth
4 Projected quantities of fuel and L&U:	1,597,324	Dth
5 Add projected fuel retention or (return):	(421,087)	Dth
6 Total fuel to be retained:	1,176,237	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.017336	
8 Estimated Average Pipeline Miles	550	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000032	

Preceding month (June) results:

10 Actual fuel usage	1,056,725	Dth
11 L&U gain / (loss)	681,176	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	375,549	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	796,636	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(421,087)	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000025	796,636
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000025	796,636

September Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	66,757,500	Dth
2 Projected quantities of compressor fuel:	891,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	5,276	Dth
4 Projected quantities of fuel and L&U:	885,724	Dth
5 Add projected fuel retention or (return):	400,117	Dth
6 Total fuel to be retained:	1,285,841	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.019261	
8 Estimated Average Pipeline Miles	540	
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000036	

Preceding month (July) results:

10 Actual fuel usage	1,192,987	Dth
11 L&U gain / (loss)	5,276	Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	1,187,711	Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	787,594	Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	400,117	Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000024	787,594
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000024	787,594

October Fuel and Line Loss Percentage Calculation

1 Monthly estimate of quantity of gas to be delivered:	70,587,000 Dth
2 Projected quantities of compressor fuel:	1,674,000 Dth
3 Less Previous month unaccounted for gain or (loss) from line 11:	237,176 Dth
4 Projected quantities of fuel and L&U:	1,436,824 Dth
5 Add projected fuel retention or (return):	(91,817) Dth
6 Total fuel to be retained:	1,345,007 Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.019055
8 Estimated Average Pipeline Miles	500
9 Calculated Current Fuel & Line Loss Rate per Dth-mile	0.000038

Preceding month (August) results:

10 Actual fuel usage	1,186,279 Dth
11 L&U gain / (loss)	237,176 Dth
12 Net Fuel Usage and L&U (Ln 10 - Ln 11)	949,103 Dth
13 Retained quantities - Current Fuel & Line Loss (line 15)	1,040,920 Dth
14 Preceding month (over)/under fuel retention (Ln 12 - Ln 13)	(91,817) Dth

Fuel Retained	Percentage	Dth
15 Current Month Fuel Retained	0.000032	1,040,920
16 Surcharge Fuel Retained	0.000000	-
17 Total Fuel Retained at Posted Rate	0.000032	1,040,920