



**Tuscarora Gas Transmission Company**  
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September 27, 2022

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

Re: Tuscarora Gas Transmission Company  
Annual Fuel and Line Loss Percentage Report  
Docket No. RP22-\_\_\_\_-000

Dear Ms. Bose:

Tuscarora Gas Transmission Company (“Tuscarora”), as required by Section 6.40 of the General Terms and Conditions of Tuscarora’s FERC Gas Tariff, Second Revised Volume No. 1 (“Tariff”),<sup>1</sup> hereby submits to the Federal Energy Regulatory Commission (“FERC” or “Commission”) the supporting calculations, included in Appendix A, underlying Tuscarora’s Fuel and Line Loss Percentages applicable during the 12-month period ending August 31, 2022.

### **Correspondence**

The names, titles, mailing addresses, and telephone numbers of those persons to whom correspondence and communications concerning this filing should be addressed are as follows:

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<sup>1</sup> Part 6.40 – GT&C, Adjustment Mechanism for Fuel and Line Loss Percentage, v.0.0.0 (“Section 6.40”).

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### **Statement of the Nature, Reasons, and Basis for Filing**

Section 6.40 of Tuscarora’s GT&C provides a mechanism for Tuscarora to adjust its Fuel and Line Loss Percentage to reflect monthly reductions and increases in fuel usage and line loss on its system.

As required by paragraph (c) of Section 6.40, and included herein as Appendix A, Tuscarora is filing schedules supporting the derivation of the Fuel and Line Loss Percentages posted during the twelve-month period from September 1, 2021 through August 31, 2022.

### **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; and
- 2) Supporting schedules (Appendix A).

### **Certificate of Service**

In accordance with Rule 2010 of the Commission’s Rules of Practice and Procedure, 18 C.F.R. Section 385.2010, a copy of this filing, together with any enclosures, is being served upon all jurisdictional customers and interested state regulatory agencies.

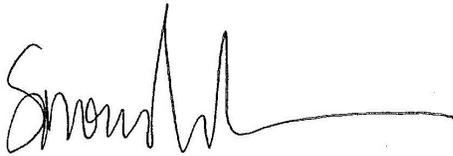
Pursuant to Section 385.2005 of the Commission’s regulations, the undersigned has read this

filing and knows its contents, and the contents are true as stated, to the best of their knowledge and belief. The undersigned possesses full power and authority to sign such filing.

Any questions regarding this filing may be directed to Jonathan Scullion at (832) 320-5520.

Respectfully Submitted,

TUSCARORA GAS TRANSMISSION COMPANY

A handwritten signature in black ink, appearing to read 'Sorana Linder', with a long horizontal flourish extending to the right.

Sorana Linder  
Director – Rates, Tariffs, and Modernization

Enclosures

# Appendix A

**September 2021 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	4,191,750	Dth
2 Projected quantities of compressor fuel:	108,000	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	56,287	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	51,713	Dth
5 Add Preceding month (over)/under retention (Line 12):	(31,203)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	20,510	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.5%	

**Preceding month (July production) results:**

8 Actual compress fuel usage:	48,575	Dth
9 Actual Line Loss gain/(loss):	56,287	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	(7,712)	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	23,491	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(31,203)	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	0.5%	23,491	

**October 2021 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	3,529,350	Dth
2 Projected quantities of compressor fuel:	120,000	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	51,414	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	68,586	Dth
5 Add Preceding month (over)/under retention (Line 12):	(69,101)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	(515)	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.0%	

**Preceding month (August production) results:**

8 Actual compress fuel usage:	31,309	Dth
9 Actual Line Loss gain/(loss):	51,414	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	(20,105)	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	48,996	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(69,101)	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	48,996	1.2%	48,996

**November 2021 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	4,050,000	Dth
2 Projected quantities of compressor fuel:	90,000	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	46,308	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	43,692	Dth
5 Add Preceding month (over)/under retention (Line 12):	(45,504)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	(1,812)	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.0%	

**Preceding month (September 2021) results:**

8 Actual compress fuel usage:	19,136	Dth
9 Actual Line Loss gain/(loss):	46,308	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	(27,172)	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	18,332	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(45,504)	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	18,332	0%	18,332

**December 2021 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	5,614,875	Dth
2 Projected quantities of compressor fuel:	46,500	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	31,462	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	15,038	Dth
5 Add Preceding month (over)/under retention (Line 12):	(16,504)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	(1,466)	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.0%	

**Preceding month (October 2021) results:**

8 Actual compress fuel usage:	14,958	Dth
9 Actual Line Loss gain/(loss):	31,462	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	(16,504)	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	-	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(16,504)	Dth

	<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
13 Current Month Fuel Retained	0%	-	

**January 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	6,448,000	Dth
2 Projected quantities of compressor fuel:	(15,000)	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	5,140	Dth
4 Projected quantities of fuel and L&U:	(20,140)	Dth
5 Add projected fuel retention or (return):	27,200	Dth
6 Total fuel to be retained:	7,060	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.1%	

**Preceding month (November) results:**

8 Actual fuel usage	32,340	Dth
9 L&U gain / (loss)	5,140	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	27,200	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	-	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	27,200	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	0.0%	-	

**February 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	6,448,000	Dth
2 Projected quantities of compressor fuel:	(15,000)	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	25,962	Dth
4 Projected quantities of fuel and L&U:	(40,962)	Dth
5 Add projected fuel retention or (return):	44,356	Dth
6 Total fuel to be retained:	3,394	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.1%	

**Preceding month (December) results:**

8 Actual fuel usage	70,318	Dth
9 L&U gain / (loss)	25,962	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	44,356	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	-	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	44,356	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained		0.0%	-

**March 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	5,480,800	Dth
2 Projected quantities of compressor fuel:	20,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	37,369	Dth
4 Projected quantities of fuel and L&U:	(17,369)	Dth
5 Add projected fuel retention or (return):	21,766	Dth
6 Total fuel to be retained:	4,397	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.1%	

**Preceding month (January) results:**

8 Actual fuel usage	64,729	Dth
9 L&U gain / (loss)	37,369	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	27,360	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	5,594	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	21,766	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	5,594	0.1%	5,594

**April 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	7,800,000	Dth
2 Projected quantities of compressor fuel:	10,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	9,054	Dth
4 Projected quantities of fuel and L&U:	946	Dth
5 Add projected fuel retention or (return):	34,242	Dth
6 Total fuel to be retained:	35,188	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.5%	

**Preceding month (February) results:**

8 Actual fuel usage	48,318	Dth
9 L&U gain / (loss)	<u>9,054</u>	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	39,264	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	<u>5,022</u>	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	<u><u>34,242</u></u>	Dth

<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
13 Current Month Fuel Retained	0.1%	5,022

**May 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	7,800,000	Dth
2 Projected quantities of compressor fuel:	45,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	44,048	Dth
4 Projected quantities of fuel and L&U:	952	Dth
5 Add projected fuel retention or (return):	22,805	Dth
6 Total fuel to be retained:	23,757	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.3%	
 <b>Preceding month (March) results:</b>		
8 Actual fuel usage	71,524	Dth
9 L&U gain / (loss)	<u>44,048</u>	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	27,476	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	<u>4,671</u>	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	<u><u>22,805</u></u>	Dth
 <b>Fuel Retained</b>		
<hr/>		
13 Current Month Fuel Retained	0.1%	4,671

**June 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	7,332,000	Dth
2 Projected quantities of compressor fuel:	65,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	18,725	Dth
4 Projected quantities of fuel and L&U:	46,275	Dth
5 Add projected fuel retention or (return):	(23,030)	Dth
6 Total fuel to be retained:	23,245	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.003	
 <b>Preceding month (April) results:</b>		
8 Actual fuel usage	8,349	Dth
9 L&U gain / (loss)	<u>18,725</u>	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	(10,376)	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	<u>12,654</u>	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	<u><u>(23,030)</u></u>	Dth
 <b>Fuel Retained</b>		
13 Current Month Fuel Retained	0.5%	12,654

**July 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	4,513,600	Dth
2 Projected quantities of compressor fuel:	60,000	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	22,370	Dth
4 Projected quantities of fuel and L&U:	37,630	Dth
5 Add projected fuel retention or (return):	(23,580)	Dth
6 Total fuel to be retained:	14,050	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.003	
 <b>Preceding month (May) results:</b>		
8 Actual fuel usage	7,361	Dth
9 L&U gain / (loss)	22,370	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	(15,009)	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	8,571	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	(23,580)	Dth
 <b>Fuel Retained</b>		
13 Current Month Fuel Retained	0.3%	8,571

**August 2022 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be delivered:	9,819,000	Dth
2 Projected quantities of compressor fuel:	12,400	Dth
3 Less Previous month unaccounted for gain or (loss) from line 9:	2,917	Dth
4 Projected quantities of fuel and L&U:	9,483	Dth
5 Add projected fuel retention or (return):	(6,350)	Dth
6 Total fuel to be retained:	3,133	Dth
7 Fuel rate per Dth (Ln 6 / Ln 1)	0.00	
 <b>Preceding month (June) results:</b>		
8 Actual fuel usage	5,863	Dth
9 L&U gain / (loss)	2,917	Dth
10 Net Fuel Usage and L&U (Ln 8 - Ln 9)	2,946	Dth
11 Retained quantities - Current Fuel & Line Loss (line 13)	9,296	Dth
12 Preceding month (over)/under fuel retention (Ln 10 - Ln 11)	(6,350)	Dth
 <b>Fuel Retained</b>		
13 Current Month Fuel Retained	0.00	9,296