



**Tuscarora Gas Transmission Company**  
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September 20, 2021

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. RP21-\_\_\_\_-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, 2021.

### **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, 2020 through August 31, 2021.

### **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 2020 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	4,347,000	Dth
2 Projected quantities of compressor fuel:	37,500	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	22,461	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	15,039	Dth
5 Add Preceding month (over)/under retention (Line 12):	(14,957)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	82	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.0%	

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

8 Actual compress fuel usage:	38,017	Dth
9 Actual Line Loss gain/(loss):	22,461	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	15,556	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	30,513	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(14,957)	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	0.7%	30,513	

**October 2020 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	3,707,600	Dth
2 Projected quantities of compressor fuel:	44,350	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	46,352	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	(2,002)	Dth
5 Add Preceding month (over)/under retention (Line 12):	1,689	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	(313)	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:	48,041	Dth
9 Actual Line Loss gain/(loss):	46,352	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	1,689	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	-	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	1,689	Dth

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

**November 2020 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	5,616,000	Dth
2 Projected quantities of compressor fuel:	60,000	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	13,999	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	46,001	Dth
5 Add Preceding month (over)/under retention (Line 12):	16,597	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	62,598	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	1.1%	

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

8 Actual compress fuel usage:	30,596	Dth
9 Actual Line Loss gain/(loss):	13,999	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	16,597	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	-	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	16,597	Dth

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

**December 2020 Fuel and Line Loss Percentage Calculation**

1 Monthly estimate of quantity of gas to be received:	6,096,150	Dth
2 Projected quantities of compressor fuel:	46,500	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	26,063	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	20,437	Dth
5 Add Preceding month (over)/under retention (Line 12):	25,687	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	46,124	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.8%	

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

8 Actual compress fuel usage:	51,750	Dth
8 Actual Line Loss gain/(loss):	26,063	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	25,687	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	-	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	25,687	Dth

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



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

1 Monthly estimate of quantity of gas to be received:	4,789,500	Dth
2 Projected quantities of compressor fuel:	76,260	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	12,230	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	64,030	Dth
5 Add Preceding month (over)/under retention (Line 12):	(18,440)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	45,590	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	1%	

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

8 Actual compress fuel usage:	51,053	Dth
9 Actual Line Loss gain/(loss):	12,230	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	38,823	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	57,263	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(18,440)	Dth

<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	1.1%	57,263

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

1 Monthly estimate of quantity of gas to be received:	5,796,000	Dth
2 Projected quantities of compressor fuel:	19,600	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	(59,570)	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	79,170	Dth
5 Add Preceding month (over)/under retention (Line 12):	(24,365)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	54,805	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.9%	

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

8 Actual compress fuel usage:	(38,759)	Dth
9 Actual Line Loss gain/(loss):	<u>(59,570)</u>	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	20,811	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	<u>45,176</u>	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	<u><u>(24,365)</u></u>	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	0.8%	45,176	

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

1 Monthly estimate of quantity of gas to be received:	5,775,300 Dth
2 Projected quantities of compressor fuel:	80,000 Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	70,553 Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	9,447 Dth
5 Add Preceding month (over)/under retention (Line 12):	(80,424) Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	(70,977) Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	-1.2%

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

8 Actual compress fuel usage:	48,566 Dth
9 Actual Line Loss gain/(loss):	<u>70,553 Dth</u>
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	(21,987) Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	<u>58,437 Dth</u>
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	<u><u>(80,424) Dth</u></u>

<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
13 Current Month Fuel Retained	1.0%	58,437

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

1 Monthly estimate of quantity of gas to be received:	4,968,000	Dth
2 Projected quantities of compressor fuel:	15,000	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	10,130	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	4,870	Dth
5 Add Preceding month (over)/under retention (Line 12):	(4,714)	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	156	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.0%	

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

8 Actual compress fuel usage:	52,112	Dth
9 Actual Line Loss gain/(loss):	10,130	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	41,982	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	46,696	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	(4,714)	Dth

	<b>Fuel Retained</b>	<b>Percentage</b>	<b>Dth</b>
13 Current Month Fuel Retained	0.9%	46,696	

**May 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:	(135,000) Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	(20,290) Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	(114,710) Dth
5 Add Preceding month (over)/under retention (Line 12):	121,882 Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	7,172 Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.2%

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

8 Actual compress fuel usage:	44,340 Dth
9 Actual Line Loss gain/(loss):	<u>(20,290) Dth</u>
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	64,630 Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	<u>(57,252) Dth</u>
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	<u><u>121,882 Dth</u></u>

<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
13 Current Month Fuel Retained	-1.2%	(57,252)

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

1 Monthly estimate of quantity of gas to be received:	3,105,000	Dth
2 Projected quantities of compressor fuel:	(35,000)	Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	(19,204)	Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	(15,796)	Dth
5 Add Preceding month (over)/under retention (Line 12):	48,004	Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	32,208	Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	1%	

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

8 Actual compress fuel usage:	28,800	Dth
9 Actual Line Loss gain/(loss):	(19,204)	Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	48,004	Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	-	Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	48,004	Dth

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

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

1 Monthly estimate of quantity of gas to be received:	3,208,500 Dth
2 Projected quantities of compressor fuel:	60,250 Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	27,748 Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	32,502 Dth
5 Add Preceding month (over)/under retention (Line 12):	(16,437) Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	16,065 Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	0.50%

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

8 Actual compress fuel usage:	17,881 Dth
9 Actual Line Loss gain/(loss):	<u>27,748</u> Dth
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	(9,867) Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	<u>6,570</u> Dth
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	<u><u>(16,437)</u></u> Dth

<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
13 Current Month Fuel Retained	0.2%	6,570

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

1 Monthly estimate of quantity of gas to be received:	4,812,750 Dth
2 Projected quantities of compressor fuel:	51,000 Dth
3 Less Preceding month Line Loss gain/(loss) (Line 9):	(8,662) Dth
4 Projected quantities of Fuel and Line Loss (Ln 2-Ln3):	59,662 Dth
5 Add Preceding month (over)/under retention (Line 12):	(1,933) Dth
6 Total Fuel and Line Loss to be retained (Ln 4+ Ln 5)	57,729 Dth
7 Fuel and Line Loss Percentage per Dth (Ln 6 / Ln 1)	1.20%

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

8 Actual compress fuel usage:	29,997 Dth
9 Actual Line Loss gain/(loss):	<u>(8,662) Dth</u>
10 Net Fuel and Line Loss (Ln 8 - Ln 9):	38,659 Dth
11 Retained quantity - Fuel and Line Loss (Line 13):	<u>40,592 Dth</u>
12 Preceding month (over)/under retention (Ln 10 - Ln 11):	<u><u>(1,933) Dth</u></u>

<u>Fuel Retained</u>	<u>Percentage</u>	<u>Dth</u>
13 Current Month Fuel Retained	1.0%	40,592