NCUC Form G.S.-1 N.C. Rate Base Method **Rate of Return Calculations** Schedule 1

Total Company (Booked)

Frontier Natural Gas Company

Twelve Months Ended September 30, 2023 (Preliminary)

M-1,	Sub	12	FN	G
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Line <u>No.</u>	ltem	Average <u>Capital</u> (a)	Average Capital <u>Ratio</u> (b)	Rate Base (c)	Average Embedded <u>Cost</u> (d)	Overall Cost/ <u>Rate %</u> (e)	Total Company <u>Earnings</u> (f)
1	Long-term Debt	\$ 8,700,000	24.79%	\$ 8,700,000	4.23%	1.05%	\$ 368,010
2	Shareholders Equity	26,401,450	75.21%	26,401,450	8.69%	6.54%	2,295,016
3	Total Capitalization	\$ 35,101,450	100.00%	\$ 35,101,450		7.59%	\$ 2,663,026
		=========	======	=========		=======	=========

NCUC Form G.S.-1 Rate of Return Calculations Ratio of Earnings to Fixed Charges - SEC Method Frontier Natural Gas Company Twelve Months Ended September 30, 2023 (Preliminary)

Financial Method Schedule 1a

Line <u>No.</u>	Item	Company Booked (a)
	Rate of Return on Investment	
1	Net Operating Income	\$ 3,278,151
2	Net Investment Including	
	Materials and Supplies	\$ 45,864,466
3	Rate of Return on Investment (L1/L2)	7.15%
	Ratio of Earnings to Fixed Charges (SEC)	
4	Net Income	\$ 2,295,016
5	Add Back:	
6	Federal Income Tax Including	\$ 633,638
	Investment Credits	
7	State Income Tax	71,601
8	Total Net Income Plus Income Taxes	\$ 3,000,255
	Fixed Charges	
9	Interest Expense	\$ 1,052,551
10	Total Fixed Charges (L9 + L10)	\$ 1,052,551
11	Earnings as Adjusted (L8+L11)	\$ 4,052,806
12	Ratio of Earnings to Fixed Charges (L12/L11)	3.85
13	Common Stock Dividends Paid/Declared	\$ 2,700,000
14	Number of Shares Outstanding: (Rounded to thousands) End of Period	10
15	Yearly Average	10

	Total
	Company
	<u>Booked</u> (a)
	(α)
\$	3,278,151
\$	45,864,466
	7.15%
\$	2,295,016
\$	633,638
	71,601
\$	3,000,255
\$	1,052,551
\$	1,052,551
\$	4,052,806
•	=========
	3.85
	=========
\$	2,700,000

NCUC Form G.S.-1 N.C. Rate Base Method Capital Frontier Natural Gas Company Twelve Months Ended September 30, 2023 (Preliminary)

				Total	Total
Line		Long-term	Sh	areholder's	Capital
No.	Item	Debt*		<u>Equity</u>	(col. a+b+c)
		(a)		(c)	(d)
1	<u>Total Company</u>				
	Balance at end of:				
2	Sep-22	8,700,000		26,576,910	35,276,910
3	Oct-22	8,700,000		26,872,106	35,572,106
4	Nov-22	8,700,000		27,135,918	35,835,918
5	Dec-22	8,700,000		26,335,320	35,035,320
6	Jan-23	8,700,000		26,604,077	35,304,077
7	Feb-23	8,700,000		26,887,838	35,587,838
8	Mar-23	8,700,000		26,480,122	35,180,122
9	Apr-23	8,700,000		26,345,845	35,045,845
10	May-23	8,700,000		26,436,979	35,136,979
11	Jun-23	8,700,000		25,600,003	34,300,003
12	Jul-23	8,700,000		25,850,169	34,550,169
13	Aug-23	8,700,000		25,921,644	34,621,644
14	Sep-23	8,700,000		26,171,926	34,871,926
15	Total (Sum of Lines 2 thru 14)	\$ 113,100,000	\$	343,218,856	\$ 456,318,856
16	13 Month Average (L15/13)	\$ 8,700,000	\$	26,401,450	\$ 35,101,450
17	13 Month Average Ratio	24.79%		75.21%	100.00%
18	Net Proceeds				
19	Actual Interest Accrued for the Period	\$ 368,010			
20	Average Embedded Cost for the Period (Col. a, L23/L16)	4.23%			

Schedule 2

16

N.C. Rate Base Method Schedule 3

Frontier Natural Gas Company

Twelve Months Ended September 30, 2023 (Preliminary)

13 Month Average (L15/13)

Accumulated Working Accumulated **Total Company** Line Plant in CWIP Provision for Deferred Operating Capital Rate Base Booked <u>√</u> **Income Taxes** (a+b-c-d-e+f) **CWIP** No. Item Service Allowed Depreciation Reserves <u>Allowance</u> (h) (a) (b) (c) (d) (e) (f) (g) 1 Total Company Jurisdictional Data Balance at end of: 2 Sep-22 66,447,435 23,478,421 2,322,095 992,096 41,639,015 4,029,396 3 Oct-22 66,937,932 23.613.503 2,397,724 951,199 41,877,904 4,519,893 Nov-22 67,304,908 23,747,394 2,476,436 970,071 42,051,149 4,890,055 Dec-22 68,021,330 23,909,261 2,565,457 1,063,279 42,609,890 3,058,514 5 24,051,962 Jan-23 68,386,030 1,899,406 1,112,181 43,546,843 3,432,351 6 7 Feb-23 69,050,664 24,196,036 1,984,070 1,165,502 44,036,060 3,888,263 Mar-23 69,345,006 24,341,101 2,138,409 1,283,902 44,149,398 4,034,657 8 2,098,346 9 Apr-23 69,734,308 24,486,917 1,308,307 44,457,352 4,435,357 10 May-23 70,029,461 24,641,600 2,125,536 1,293,604 44,555,929 4,419,536 70,470,389 24,791,086 2,084,668 1,261,224 44,855,859 4,443,040 11 Jun-23 R 2,162,032 1,300,748 4,682,196 12 Jul-23 70,709,545 24,969,176 44,879,085 13 25,099,480 2,180,634 1,291,715 45,352,209 5,118,100 Aug-23 71,340,608 4,786,470 14 Sep-23 71,768,299 25,250,625 1,956,358 1,303,150 45,864,466 15 Total (Sum of Lines 2 thru 14) \$ 899,545,915 \$ - \$ 316,576,563 \$ 28,391,172 \$ - \$ 15,296,978 \$ 569,875,159 \$ 55,737,827

- \$

24,352,043 \$

\$

69,195,840 \$

Cost Free Capital

2,183,936 \$

- \$

1,176,691 \$

43,836,551 \$

4,287,525

NCUC Form G.S.-1
Income Statement
Schedule 4
Frontier Natural Gas Company
Page 1 of 2
Twelve Months Ended September 30, 2023 (Preliminary)

		Total
Line		Company
No.	Item	Booked
		(a)
1	OPERATING REVENUES	
2	Residential Sales	\$ 2,208,035
3	Commercial Sales	10,215,019
4	Industrial Sales	5,806,428
5	Sales for Resale:	
6	Transportation	4,767,519
7	Other Revenue	178,229
8	Unbilled Revenue	561,702
9	Total Sales	\$ 23,736,932
10	Total Gas Operating Revenues	\$ 23,736,932
11	OPERATING EXPENSES	
12	Purchased Gas	12,946,080
13	Maintenance	808,169
14	Other Operating Expenses (Except Taxes) (A)	3,792,349
15	Total Operating Expenses	\$ 17,546,598
16	Depreciation and Amortization	1,772,204
17	Total Expenses & Depreciation	\$ 19,318,802
18	OPERATING TAXES	
19	Federal Income Tax - Deferred	633,638
20	Total Federal Taxes - Operating	\$ 633,638
21	State Income Taxes	71,601
22	Other Operating Taxes (General)	434,740
23	Total Operating Taxes	\$ 1,139,979
24	Total Operating Expenses, Depreciation & Taxes	\$ 20,458,782
25	Net Operating Income (L15-L35)	\$ 3,278,151
	(Net of Interest on Customer Deposits)	========

NCUC Form G.S.-1 Financial Method Income Statement Schedule 4 Frontier Natural Gas Company Page 2 of 2 Twelve Months Ended September 30, 2023 (Preliminary)

Line <u>No.</u>	Item	Total Company <u>Booked</u> (a)
26	OTHER INCOME	50.445
27	Miscellaneous Income	\$ 69,416
28	Total Other Income	\$ 69,416
29	INTEREST CHARGES	
30	Interest on Long-term Debt	\$ 370,055
31	Amortization of Debt Discount and Expense	21,059
32	Other Interest Expense (A)	661,437
33	Total Interest Charges	\$ 1,052,551
34	Net Income Before Extraordinary and Delayed Items	\$ 2,295,016
35	Net Income	\$ 2,295,016
36	Net Income Available for Shareholders (Common) Equity	\$ 2,295,016
	, , ,	
37	Shareholders Equity Capital	\$ 26,171,926
38	Shareholders Equity Capital - Simple Average	\$ 26,401,450
39	Rate of Return on Shareholders Equity - Year End	8.77%
40	Rate of Return on Shareholders (Common) Equity - Simple Average	8.69%

NCUC Form G.S.-1
Condensed Balance Sheet
Frontier Natural Gas Company
Twelve Months Ended September 30, 2023 (Preliminary)

Financial Method Schedule 5

		Total
Line		Company
No.	Item	Booked
		(a)
1	ASSETS	
2	Gas Plant in Service	\$ 75,778,695
3	Less: Accumulated Depreciation & Amortization	25,250,625
4	Net Plant in Service	\$ 50,528,070
5	Plus: Materials and Supplies	1,303,150
6	Net Plant in Service and Materials & Supplies	\$ 51,831,220
7	CWIP Allowed in General Rate Cases	4,786,470
8	CIAC	(8,796,866)
9	Current Assets	\$ 1,856,976
10	Total Assets	\$ 49,677,800
11	LIABILITIES AND SHAREHOLDERS EQUITY	=======================================
12	Total Shareholders Equity	\$ 26,171,926
13	Total Long-term Debt	8,700,000
14	Total Capitalization (L15 + L16)	\$ 34,871,926
15	Advances from Parent or Affiliate	387,300
16	Accumulated Deferred Income Taxes (Net)	1,956,358
17	Other Liabilities	12,462,216
18	Total Liabilities	\$ 49,677,800

OPERATING REVENUES

Purchased Gas

Gross Operating Revenues

OPERATING REVENUE DEDUCTIONS

Operating & Maintenance Expense Depreciation and Amortization Taxes Other Than Income Taxes Taxes - State Income

Interest on Customer Deposits

Net Operating Income for Return

Total Operating Expenses

Taxes - Federal Income and ITC Deferral

Item

Line

No.

1

10

11

12

13.63%

======

Actual

Natural Gas Operations N.C. Retail Revenues and Expenses

Twelve Months Ended September 30, 2023 (Preliminary) End of Period After Increase

\$

3,234,739

=========

13.63%

======

(Freminiary) End of Ferrodynteer meredae		 7100001				
	Retail <u>Amount</u> (a)	Allocation Factors in Expenses as a % of Revenue (b)	Retail <u>Amount</u> (d)	Allocation Factors in Expenses as a % of Revenue (e)		
\$	23,736,932	100.00%	\$ 23,736,932	100.00%		
	12,946,080 4,600,518 1,772,204 434,740 71,601 633,638 (28,190)	54.54% 19.38% 7.47% 1.83% 0.30% 2.67% -0.12%	12,946,080 4,600,518 1,772,204 434,740 71,601 633,638 (28,190)	54.54% 19.38% 7.47% 1.83% 0.30% 2.67% -0.12%		
\$	20,502,193	86.37% ======	\$ 20,502,193	86.37% =====		

\$

3,234,739

=========

NCUC Form G.S.-1 Long-Term Debt and Interest Charges Frontier Natural Gas Company Twelve Months Ended September 30, 2023 (Preliminary)

N.C. Rate Base Method / Financial Method	
Schedule 7	

Interest

Annualized

Interest

Booked for

Line <u>No.</u>	Type Obligation (Bonds, Debentures, Notes, etc.)	Issue <u>Date</u> (a)	Maturity <u>Date</u> (b)	Face Amount (c)	Amount Outstanding (d)	Interest <u>Rate</u> (e)	12 Months Ended ' <u>his Report</u> (f)	On O/S Long- Term Debt <u>Col. (e)*(d)</u> (g)
1	4.23% Senior Notes	10/19/2016	10/19/2028	 8,700,000	8,700,000	4.23	370,055	368,010
2	Total Senior Debt			\$ 8,700,000 \$	8,700,000		\$ 370,055 \$	368,010
3	Unamortized Debt Expense, Discount and Premium			(211,589)	(94,139)		21,059	21,059
4	Total Long-Term Debt			\$ 8,488,411 \$	8,605,861		\$ 391,114 \$	389,069

NCUC Form G.S.-1 Statistical Data Frontier Natural Gas Company Twelve Months Ended September 30, 2023 (Preliminary)

.ine		Total	
No.	Item	Company	% of Total
		(a)	(e)
1	Operating Revenues		
2	Residential	\$ 2,208,035	9.30%
3	Commercial	10,215,019	43.03%
4	Industrial	5,806,428	24.46%
5	Sales for Resale:		0.00%
6	Transportation	4,767,519	20.08%
7	Other	178,229	0.75%
8	Unbilled	561,702	2.37%
9	Total Revenue from Sales of Gas	\$ 23,736,932	100.00%
		=========	
10	Dekatherms Sold		
11	Residential	141,784	3.55%
12	Commercial	752,311	18.85%
13	Industrial	470,873	11.80%
14	Sales for Resale:		0.00%
15	Transportation	2,626,794	65.81%
16	Total DTs Sales (Subtotal)	3,991,761	100.00%
	Total DTs Sold (row is tie point for Supp Report)	1,364,968	34.19%
17	Revenue Per DT Sold	=========	
18	Residential	15.57	
19	Commercial	13.58	
20	Industrial	12.33	
21	Sales for Resale:		
22	Transportation	1.82	
24	Total Revenue per DT Sold	5.95	

Schedule 8

Page 1 of 2

NCUC Form G.S.-1
Statistical Data
Frontier Natural Gas Company
Twelve Months Ended September 30, 2023 (Preliminary)

Line				
No.	Item	N.C. Retail	% of Total	Customers
		(d)	(e)	9/30/2023
25	Period End Number of Customers			
26	Residential	2,911	58.81%	2,911
27	Commercial	1,787	36.10%	1,787
28	Industrial	222	4.48%	222
30	Sales for Resale:		0.00%	
31	Transportation	30	0.61%	30
32	Total Customers - Period End	4,950	100.00%	4,950
		=========		
33	Average Number of Customers			
34	Residential	2,911	58.81%	
35	Commercial	1,787	36.10%	
36	Industrial	222	4.48%	
39	Sales for Resale:		0.00%	
40	Transportation	30	0.61%	
41	Total Customers-Average	4,950	100.00%	
		=========		
42	INFORMATIONAL ONLY			
43	Average DT Usage per Customer			
44	Residential	49		
45	Commercial	421		
46	Industrial	2,121		
49	Sales for Resale:			
50	Transportation	87,560		
67	Total DT Usage per Customer - Average	276		

Schedule 8 Page 2 of 2 NCUC Form G.S.-1 NCUC Form G.S.-1 vs. NCUC Fee Frontier Natural Gas Company Twelve Months Ended September 30, 2023 (Preliminary)

NC Jurisdictional Revenue Schedule 9

Line No.	Item	Total Co	NCUC FEE		
	Revenue Subject to NCUC Fee				
1	Operating Revenues				
2	Residential Sales	2,208,035	2,559		
3	Commercial Sales	10,215,019	11,841		
4	Industrial Sales	5,806,428	6,730		
5	Public Authority Sales	-	-		
6	Unbilled Revenue	561,702	651		
7	Transport			_	
8	Total Sales of Gas	18,791,185	21,782	-	
9 10 11 12 13 14	Other Gas Revenue Subject to NCUC Fee: Other Operating Revenues Gas Transportation for Others Other Operating Revenues Subtotal - Other Operating Revenue Less: Customer Refunds Total Gas Revenues	4,767,519 178,229 - 23,736,932 27,515	5,161 12,610	Q3 2023 Reg Fee Q2 2023 Reg Fee Q1 2023 Reg Fee Q3 2022 Reg Fee	REG FEE RATES 0.1475% 0.140% 0.140% 0.140% 0.140% 0.116% ANNUAL RATE