NCUC Form G.S.-1
Rate of Return Calculations
Frontier Natural Gas Company

Total Company (Booked)

Twelve Months Ended September 30, 2021 (Preliminary)

Twelve Months Ended September 30, 2021 (Preliminary)

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	25.79%	\$ 8,700,000	4.23%	1.09%	\$ 368,010
3	Shareholders Equity	25,029,524	74.21%	25,029,524	15.56%	11.54%	3,893,749
4	Total Capitalization	\$ 33,729,524	100.00%	\$ 33,729,524		12.64%	\$ 4,261,759
		==========	======	=========		======	=========

The approach and format reflected in this schedule conform to the direction provided NCUC Public Staff and do not necessarily accurately depict the company's views of results or positions which may be proposed or accepted for purposes other than this schedule, including in a rate proceeding.

NCUC Form G.S.-1
Rate of Return Calculations
Ratio of Earnings to Fixed Charges - SEC Method
Frontier Natural Gas Company

			Total					Other
Line			Company	Wholesale & Other	N.C.	Retail	S.C. Retail	Company
No.	Item		Booked	Operations		rations	Operations	Operations
			(a)	(b)		(c)	(d)	(e)
	Rate of Return on Investment		• •	* *		• •	. ,	* *
1	Net Operating Income	\$	4,323,020		\$	4,323,020		
2	Net Investment Including							
	Materials and Supplies	\$	38,985,912		\$	38,985,912		
3	Rate of Return on Investment (L1/L2)		11.09%			11.09%		
	Duting (Ferritary of the Character (CFC)							
4	Ratio of Earnings to Fixed Charges (SEC) Net Income	\$	3,893,749		<u>,</u>	3,893,749		
5	Add Back:	ş	3,693,749		\$	3,693,749		
5 6	Federal Income Tax Including	\$	556,584		\$	556,584		
U	Investment Credits	Ş	330,384		ې	330,364		
7	State Income Tax		92,577			92,577		
,	State moone rux							
8	Total Net Income Plus Income Taxes	\$	4,542,910		\$	4,542,910		
	Fixed Charges							
9	Interest Expense	\$	480,855		\$	480,855		
10	1/3 Rentals Included in Fixed Charges		-			-		
11	Total Fixed Charges (L9 + L10)	\$	480,855		\$	480,855		
12	Earnings as Adjusted (L8+L11)	\$	5,023,766		\$	5,023,766		
					===			
13	Ratio of Earnings to Fixed Charges (L12/L11)		10.45			10.45		
13	Natio of Lattings to Fixed Charges (L12/L11)		10.43			10.43		
14	Common Stock Dividends Paid/Declared	\$	3,300,000					
	,		,					
	Number of Shares Outstanding: (Rounded to thousands)							
15	End of Period		10					
16	Yearly Average		10					

NCUC Form G.S.-1
Capital
Router I Schedule 2
Frontier Natural Gas Company

Twelve Months Ended September 30, 2021 (Preliminary)

				Total	Total
Line		Long-term	Preferred	Shareholder's	Capital
No.	Item	Debt*	<u>Stock</u>	<u>Equity</u>	(col. a+b+c)
		(a)	(b)	(c)	(d)
1	<u>Total Company</u>				
	Balance at end of:				
2	Sep-20	8,700,000	0	24,484,669	33,184,669
3	Oct-20	8,700,000	0	24,782,435	33,482,435
4	Nov-20	8,700,000	0	25,045,480	33,745,480
5	Dec-20	8,700,000	0	24,264,679	32,964,679
6	Jan-21	8,700,000	0	24,918,837	33,618,837
7	Feb-21	8,700,000	0	25,468,906	34,168,906
8	Mar-21	8,700,000	0	24,900,287	33,600,287
9	Apr-21	8,700,000	0	25,330,970	34,030,970
10	May-21	8,700,000	0	25,488,777	34,188,777
11	Jun-21	8,700,000	0	25,103,355	33,803,355
12	Jul-21	8,700,000	0	25,193,198	33,893,198
13	Aug-21	8,700,000	0	25,323,795	34,023,795
14	Sep-21	8,700,000	0	25,078,418	33,778,418
15	Total (Sum of Lines 2 thru 14)	\$ 113,100,000	-	\$ 325,383,806	
16	13 Month Average (L15/13)	\$ 8,700,000	-	\$ 25,029,524	33,729,524
17	13 Month Average Ratio	25.79%	0.00%	74.21%	100.00%
18	Net Proceeds	Ş	-		
23	Actual Interest Accrued for the Period	\$ 368,010			
24	Average Embedded Cost for the Period (Col. a, L23/L16)	4.23%			
	The same of the state of the st				

N.C. Rate Base Method

NCUC Form G.S.-1 Rate Base Frontier Natural Gas Company Twelve Months Ended September 30, 2021 (Preliminary)

Schedule 3

Cost Free Capital

Line <u>No.</u> 1	Item	Plant in <u>Service</u> (a)	CWIP <u>Allowed</u> (b)	F	Accumulated Provision for <u>Depreciation</u> (c)	Accumulated Deferred <u>Income Taxes</u> (d)	Operating <u>Reserves</u> (e)	Working Capital <u>Allowance</u> (f)	Rate Base (a+b-c-d-e+f) (g)	Total Company Booked <u>CWIP</u> (h)
	Balance at end of:									
2	Jun-20	54,667,648			19,263,295	2,467,529		729,818	33,666,642	2,263,607
3	Jul-20	54,835,148			19,392,051	2,503,726		722,217	33,661,588	2,436,626
4	Aug-20	55,975,282			19,534,536	2,582,210		726,229	34,584,765	2,464,069
5	Sep-20	55,827,378			19,658,350	2,302,118		722,937	34,589,847	985,070
6	Oct-20	56,180,426			19,791,497	2,497,295		727,345	34,618,979	1,322,779
7	Nov-20	56,507,469			19,925,600	2,661,416		741,168	34,661,621	1,499,913
8	Dec-20	57,314,880			20,060,229	2,579,846		736,770	35,411,575	2,311,625
9	Jan-21	58,008,559			20,195,704	2,752,682		743,756	35,803,930	2,663,007
10	Feb-21	58,645,943			20,330,563	2,799,766		783,066	36,298,681	3,313,003
11	Mar-21	60,299,697			21,383,784	2,819,033		762,151	36,859,031	2,219,343
12	Apr-21	60,782,004			21,521,629	2,576,307		741,545	37,425,613	2,702,258
13	May-21	61,343,608			21,658,963	2,615,273		761,615	37,830,988	3,268,059
14	Jun-21	62,647,734			21,800,713	2,661,407		800,297	38,985,912	4,129,896
15	Total (Sum of Lines 2 thru 14)	\$ 753,035,776 \$		- \$	264,516,914					
16	13 Month Average (L15/13)	\$ 57,925,829 \$	\$	- \$	20,347,455	\$ 2,601,431	\$ -	\$ 746,070 \$	35,723,013	\$ 2,429,173

NCUC Form G.S.-1 Income Statement Frontier Natural Gas Company Twelve Months Ended September 30, 2021 (Preliminary) N.C. Rate Base Method Schedule 4 Page 1 of 2

Line <u>No.</u>	Item		Total Company <u>Booked</u> (a)		N.C. Retail Jurisdiction (c)
1	OPERATING REVENUES		.,		. ,
2	Residential Sales	\$	1,118,771	\$	1,118,771
3	Commercial Sales		6,135,398		6,135,398
4	Industrial Sales		3,099,954		3,099,954
5	Public Street & Highway Lighting		-		
6	Public Authority Sales				
7	Sales for Resale:				
8	Transportation		5,243,376		5,243,376
9	Other Revenue		516,980		516,980
10	Joint Dispatch		-		_
11	Provision for Rate Refund		-		0
12	Unbilled Revenue		187,388		187,388
13	Deferred Revenue		-		
14	Interdepartmental Sales		-		0
15	Tatal Calca		16 201 066	.	16 201 066
15	Total Sales	\$	16,301,866	\$	16,301,866
16	All Other Revenues				
17	Total Gas Operating Revenues	\$	16,301,866	\$	16,301,866
17A	Other Operating Revenues	Ş	10,301,800	Ą	10,301,800
1/A	Other Operating Revenues				
18	OPERATING EXPENSES				
19	Fuel	\$	_		
20	Purchased Gas	\$	5,586,737		5,586,737
19	Purchased Power - Joint Dispatch	¥	-		3,300,737
20	Maintenance		877,956		877,956
21	Other Operating Expenses (Except Taxes) (A)		2,713,838		2,713,838
22	Total Operating Expenses	\$	9,178,531	\$	9,178,531
23	Depreciation and Amortization	\$	1,708,928		1,708,928
	·	•			
24	Total Expenses & Depreciation	\$	10,887,459	\$	10,887,459
25	OPERATING TAXES				
26	Federal Income Tax Liability	\$	-		-
27	Federal Income Tax - Deferred		556,584		556,584
28	Investment Tax Credit (ITC) Normalization		-		-
29	Amortization of Investment Tax Credits (ITC)		-		-
30	Total Federal Taxes - Operating	\$	556,584	\$	556,584
31	State Income Taxes		92,577		92,577
32	State Income Taxes - Deferred		-		-
33	Other Operating Taxes (General)		442,226		442,226
34	Total Operating Taxes	\$	1,091,387	\$	1,091,387
	Table Constitute Const		44.070.017		44.072.247
35	Total Operating Expenses, Depreciation & Taxes	\$	11,978,847	\$	11,978,847
26	Not Occupting Income (IAF I 2F)	_		*	4 222 020
36	Net Operating Income (L15-L35)	\$	4,323,020	\$	4,323,020
	(Net of Interest on Customer Deposits)		========		

NCUC Form G.S.-1
Income Statement

Frontier Natural Gas Company

Twelve Months Ended September 30, 2021 (Preliminary)

Total Line N.C. Retail Company No. Item **Booked** Jurisdiction (a) (c) 37 OTHER INCOME 38 Allow for Equity Funds Used During Construction \$ \$ Equity and Earnings of Subsidiary Companies 39 40 Interest and Dividend Income (A) Miscellaneous Income 51,585 51,585 41 Total Other Income \$ 51,585 51,585 OTHER DEDUCTIONS Miscellaneous Income Deductions \$ Taxes Applicable to Other Income & Deductions **Total Other Deductions** \$ 47 **INTEREST CHARGES** \$ 368,010 Ś 368,010 48 Interest on Long-term Debt 49 Amortization of Debt Discount and Expense 33,425 33,425 50 Amortization of Premium on Debt (Cr.) 51 Interest on Advances from Affiliated Companies 79,421 52 Other Interest Expense (A) 79,421 Allowance for Borrowed Funds Used During Constr. 53 **Total Interest Charges** Ś 480,855 480.855 54 55 Net Income Before Extraordinary and Delayed Items Ś 3,893,749 3,893,749 Extraordinary & Delayed Items Net Income 57 \$ 3,893,749 3,893,749 58 Less Preferred Dividends Net Income Available for Shareholders (Common) Equity \$ 3,893,749 3,893,749 ======== -----60 Shareholders Equity Capital \$ 25,078,418 25,078,418 Shareholders Equity Capital - Simple Average 61 25,029,524 25,029,524 62 Rate of Return on Shareholders Equity - Year End 15.53% 15.53% Rate of Return on Shareholders (Common) Equity - Simple Average 15.56% 15.56%

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Financial Method Schedule 4 Page 2 of 2

Financial Method

Schedule 5

NCUC Form G.S.-1

Condensed Balance Sheet

Frontier Natural Gas Company

Twelve Months Ended September 30, 2021 (Preliminary)

		Total		
Line		Company	Allocation	N.C. Retail
No.	Item	<u>Booked</u>	<u>Factor</u>	Operations
		(a)	(d)	(e)
1	<u>ASSETS</u>			
2	Gas Plant in Service	\$ 63,030,857	100.0000%	\$ 63,030,857
3	Less: Accumulated Depreciation & Amortization	\$ 21,800,713	100.0000%	21,800,713
4	Net Plant in Service	\$ 41,230,144		\$ 41,230,144
5	Plus: Materials and Supplies	\$ 800,297	100.0000%	800,297
6	Net Plant in Service and Materials & Supplies	\$ 42,030,441		\$ 42,030,441
1	CWIP Allowed in General Rate Cases	\$ 4,129,896		4,129,896
2	CIAC	\$ (4,513,018)		(4,513,018)
3	Other Property and Investments (Less Depreciation)	\$ -		\$ -
4	Current Assets	\$ 1,727,091	100.0000%	1,727,091
5	Deferred Debits	\$ -		
6	Total Assets	\$ 43,374,409		\$ 43,374,409
		=========		=========
7	LIABILITIES AND SHAREHOLDERS EQUITY			
8	Total Shareholders Equity	\$ 25,078,418	100.0000%	\$ 25,078,418
9	Total Long-term Debt	\$ 8,700,000	100.0000%	8,700,000
10	Total Capitalization (L15 + L16)	\$ 33,778,418		\$ 33,778,418
11	Short-term Obligations	\$ 		
12	Advances from Parent or Affiliate	\$ (107,808)		(107,808)
13	Deferred Credits	\$ -		
14	Operating Reserves	\$ -		
15	Accumulated Deferred Income Taxes (Net)	\$ 2,661,407	100.0000%	2,661,407
16	Other Liabilities	\$ 7,042,392	100.0000%	7,042,392
17	Total Liabilities	\$ 43,374,409		\$ 43,374,409
		 (0)		0

NCUC Form E.S.-1 Comparative Data Frontier Natural Gas Company Twelve Months Ended September 30, 2021 (Preliminary) N.C. Rate Base Method Schedule 6

Natural Gas Operations N.C. Retail Revenues and Expenses

Actual

Twelve Months Ended September 30, 2021 (Preliminary)
End of Period After Increase

Allocation Factors in

Line <u>No.</u> 1	ltem OPERATING REVENUES		Retail <u>Amount</u> (a)	Expenses as a % of Revenue (b)		Retail <u>Amount</u> (d)	Expenses as a % of Revenue (e)
2	Gross Operating Revenues	\$	16,301,866	100.00%		\$ 16,301,866	100.00%
3	OPERATING REVENUE DEDUCTIONS						
4	Fuel Expense	\$	-				0.00%
5	Purchased Gas	·	5,586,737	34.27%		5,586,737	34.27%
6	Operating & Maintenance Expense		3,591,794	22.03%		3,591,794	22.03%
7				0.00%			0.00%
8	Depreciation and Amortization		1,708,928	10.48%		1,708,928	10.48%
9	Taxes Other Than Income Taxes		442,226	2.71%		442,226	2.71%
10	Taxes - State Income		-	0.00%		· -	0.00%
11	Taxes - Federal Income and ITC Deferral		556,584	3.41%		556,584	3.41%
12	Taxes - Deferred Income		92,577	0.57%		92,577	0.57%
13	Amortization of Investment Tax Credits (ITC)		-	0.00%			0.00%
14	Interest on Customer Deposits		9,378	0.06%		9,378	0.06%
15	Total Operating Expenses	\$	11,988,224	73.54%	0.00%	\$ 11,988,224	73.54%
16	Net Operating Income for Return	\$	4,313,642	26.46%		\$ 4,313,642	26.46%
			========	======			
						0	

NCUC Form G.S.-1 Long-Term Debt and Interest Charges Frontier Natural Gas Company Twelve Months Ended September 30, 2021 (Preliminary) N.C. Rate Base Method / Financial Method Schedule 7

Interest

Interest

Line <u>No.</u> 1	Type Obligation (Bonds, Debentures, Notes, etc.) 4.23% Senior Notes	Issue <u>Date</u> (a) 10/19/2016	Maturity <u>Date</u> (b) 10/19/2028	Face <u>Amount</u> (c) 8,700,000	Amount Outstanding (d) 8,700,000	Interest <u>Rate</u> (e) 4.23	12 N Ei <u>This</u>	ked for Months nded <u>Report</u> (f) 368,010	Annualized On O/S Long- Term Debt Col. (e)*(d) (g) 368,010
1	Total Senior Debt		\$	8,700,000 \$	8,700,000		\$	368,010 \$	368,010
9 10 11 12 13	Capital Leases Other Long-Term Debt Unamortized Debt Expense, Discount and Premium Return on Prepaid Interest Current Portion of Long-Term Debt		\$	- \$ 0 (211,589)	- 0 (76,768) 0		\$	- 0 33,425	0 33,425 0 0
14	Total Long-Term Debt		\$	8,488,411 \$	8,623,232		\$	401,435 \$	401,435

Schedule 8

Page 1 of 2

NCUC Form G.S.-1 Statistical Data

Frontier Natural Gas Company

Twelve Months Ended September 30, 2021 (Preliminary)

Line		Total		
No.	Item	Company	N.C. Retail	% of Total
		(a)	(d)	(e)
1	Operating Revenues			
2	Residential	\$ 1,118,771	\$ 1,118,771	6.86%
3	Commercial	6,135,398	6,135,398	37.64%
4	Industrial	3,099,954	3,099,954	19.02%
5	Public Street & Highway Lighting	-	0	0.00%
6	Interdepartmental	-	0	0.00%
7	Sales for Resale:	-	0	0.00%
8	Transportation	5,243,376	5,243,376	32.16%
9	Other	516,980	516,980	3.17%
10	Joint Dispatch	-	0	0.00%
11	Provision for Rate Refund	-	0	0.00%
	Unbilled	187,388	187,388	1.15%
12	Mitigation	-		0.00%
	Total Revenue from Sales of Gas	\$ 16,301,866	\$ 16,301,866	100.00%
13	Dekatherms Sold	========	=========	
14	Residential	135,819	135,819	3.22%
15	Commercial	760,747	760,747	18.06%
16	Industrial	417,863	417,863	9.92%
17	Public Street & Highway Lighting	•	,	0.00%
18	Interdepartmental			0.00%
19	Sales for Resale:			0.00%
20	Transportation	2,898,880	2,898,880	68.80%
21	Special Contract (row is tie point for Supp Report)	_,	_,,	0.00%
22	Other		_	0.0070
23	Joint Dispatch			0.00%
24	Mitigation			0.0075
25	Total DTs Sales (Subtotal)	4,213,309	4,213,309	100.00%
23	Total DTs Sold (row is tie point for Supp Report)	1,314,429	1,314,429	31.20%
	Total 213 3014 (TOW 15 the point for Supp Report)	=========	========	31.20%
26	Revenue Per DT Sold			
27	Residential	8.24	8.24	
28	Commercial	8.07	8.07	
29	Industrial	7.42	7.42	
30	Public Street & Highway Lighting			
31	Interdepartmental	0.00	0.00	
32	Sales for Resale:			
33	Transportation	1.81	1.81	
34	Other	0.00		
35	Total Revenue per DT Sold	3.87	3.87	

NCUC Form G.S.-1 Statistical Data

Frontier Natural Gas Company

Twelve Months Ended September 30, 2021 (Preliminary)

Line		Total
No.	ltem	Company
		(a)
36	Period End Number of Customers	2.505
37	Residential	2,686
38	Commercial	1,807
39	Industrial	205
40	Public Street & Highway Lighting	0
41	Interdepartmental	0
42	Sales for Resale:	0
43	Transportation	31
44	Other	0
45	Total Customers - Period End	4,729
		=========
46	Average Number of Customers	
47	Residential	2,556
48	Commercial	1,776
49	Industrial	203
50	Public Street & Highway Lighting	0
51	Interdepartmental	0
52	Sales for Resale:	0
53	Special Contract	31
54	Other	
55	Total Customors Average	4,565
55	Total Customers-Average	·
56	INFORMATIONAL ONLY	=========
57	Average DT Usage per Customer	
58	Residential	53
59	Commercial	428
60	Industrial	2,058
61		2,038
	Public Street & Highway Lighting	
62	Interdepartmental	0
63	Sales for Resale:	0
64	Special Contract	0
65	Other	0
67	Total DT Usage per Customer - Average	288

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Schedule 8 Page 2 of 2

N.C. Retail (d)	% of Total (e)	<u>Customers</u> 9/30/2020
2,686 1,807 205	56.80% 38.21% 4.33% 0.00% 0.00%	2,425 1,745 201
31	0.00% 0.66% 0.00%	30
4,729 ======	100.00%	4,401
2,556 1,776 203 0 0 0 31	55.98% 38.90% 4.45% 0.00% 0.00% 0.00% 0.67% 0.00%	
53 428 2,058		
288		

NC Jurisdictional Revenue Schedule 9

NCUC Form G.S.-1 vs. NCUC Fee Frontier Natural Gas Company Twelve Months Ended September 30, 2021 (Preliminary)

NCUC Form G.S.-1

do not necessarily accurately depict the company's views of results or positions which may be proposed

or accepted for purposes other than this schedule, including in a rate proceeding.

Line No.	Item	Total Co	NC Retail	NCUC FEE		
INO.		Total Co	inc Retail	FEE		
	Revenue Subject to NCUC Fee					
1	Operating Revenues					
2	Residential Sales	— 1,118,771	1,118,771	1,454		
3	Commercial Sales	6,135,398	6,135,398	7,975		
4	Industrial Sales	3,099,954	3,099,954	4,030		
5	Public Authority Sales	0		-		
6	Unbilled Revenue	187,388	187,388	244		
7	Transport					
8	Total Sales of Gas	10,541,511	10,541,511	13,703	-	
					-	
	Other Gas Revenue Subject to NCUC Fee:					
9	Other Operating Revenues					
10	Gas Transportation for Others	5,243,376	5,243,376	6,816		
11	Other Operating Revenues	516,980	516,980	672		
12	Subtotal - Other Operating Revenue	0		-		REG FEE
13	Less: Customer Refunds	0	-	-		RATES
14	Total Gas Revenues	16,301,866	16,301,866	21,191		
			21,192	5,536	Q4 2020 Reg Fee	0.130%
				7,837	Q1 2021 Reg Fee	0.130%
				4,154	Q2 2021 Reg Fee	0.130%
	Footnote:				Q3 2021 Reg Fee	0.130%
	The approach and format reflected in this schedule conform to the direction provided N		21,191	PER G/L	0.130% ANNUAL RATE	