

1 **Q. PLEASE STATE YOUR NAME, POSITION AND ADDRESS.**

2 A. Gary Tucker, Director, Regulatory Accounting and Revenue Recovery
3 Mechanisms, Southern Company Gas (“SCG”). My business address is 10
4 Peachtree Place, Location 1686, Atlanta, Georgia 30309.

5 **Q. Are you the same Gary Tucker who previously filed direct testimony in this**
6 **proceeding?**

7 A. Yes, I am.

8 **Q. What is the purpose of your supplemental testimony?**

9 A. The purpose of my supplemental testimony is to present information to the
10 Commission concerning the revisions to the filed 2021 Annual Review Mechanism
11 (“2021 ARM”) docket for the 2020 Historic Base Period that was filed by
12 Chattanooga Gas Company on April 20, 2021, and to support the Settlement and
13 Stipulation Agreement (“Agreement”) filed in this proceeding on July 19, 2021.
14 The revisions to the 2021 ARM and the Agreement are the result of discussions and
15 negotiations between Chattanooga Gas Company and the Consumer Advocate that
16 participated in this proceeding.

17 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

18 A. Yes, I am sponsoring Exhibit GT-4. Exhibit GT-4 is a revised version of Exhibit
19 GT-1 that was attached to my prefilled direct testimony.

20 **Q. HOW DO YOU CHARACTERIZE THE REVISIONS TO THE 2021 ARM**
21 **DOCKET FILING?**

22 A. There are two categories of revisions:

1 1. Corrections made as a result of the discovery process and testimony submitted
2 by the Consumer Advocate

3 2. Adjustment made to the filing resulting from negotiation and settlement with
4 the Consumer Advocate

5 Both corrections and adjustments have been identified in Schedule 1 of Exhibit GT-
6 4.

7 **Q. PLEASE DISCUSS THE CORRECTIONS IDENTIFIED IN EXHIBIT GT-**
8 **4.**

9 **A.** Through the discovery process and based on the direct testimonies filed by the
10 Consumer Advocate, the Company has made corrections to the total rate
11 adjustment, reducing it by \$89,937. Schedule 1 of Exhibit GT-4 includes a line item
12 for each correction, identifying the impact to the deficiency, rate reset and total rate
13 adjustment. Additionally, Schedule 1 includes the location of the correction within
14 the ARM model as well as the discovery request in which the correction was
15 identified and discussed.

16 **Q. PLEASE DISCUSS THE ADJUSTMENT IDENTIFIED IN EXHIBIT GT-4.**

17 **A.** For purposes of this settlement, the Parties agreed that only one-half of the one-
18 time cost of a study performed by PricewaterhouseCoopers (“PwC”) should be
19 included in the calculation of the historic base period revenue deficiency. The result
20 of removing 50% of the total cost of the study of \$277,635 is a reduction in the total
21 rate adjustment by \$148,097.

22 **Q. WHAT IS THE TOTAL RATE ADJUSTMENT INCLUDING**
23 **CORRECTIONS AND THE PWC ADJUSTMENT?**

1 A. The initial filing included a total rate adjustment of \$11,783,474, after making the
2 corrections and the agreed to adjustment for the PwC charge, the total rate
3 adjustment presented for Commission approval for the 2021 ARM Docket filing is
4 \$11,545,439.

5 **Q. IS THE TOTAL RATE ADJUSTMENT OF \$11,545,439 WHAT THE**
6 **PARTIES ARE PROPOSING TO RECOVERY IN RATES BEGINNING**
7 **SEPTEMBER 1?**

8 A. No. As discussed in my direct testimony, the Company's preferred ARM filing
9 request was to implement a voluntary rate cap of \$6.8M per year for this, the 2021
10 ARM filing based on the 2020 Base Historic Period, and for the next three years or
11 less if the rate adjustment shown in the ARM filings is less than the proposed rate
12 adjustment cap with any residual deficiency balance carrying forward to future
13 ARM filings for recovery. Based on negotiations and settlement with the Consumer
14 Advocate, we have agreed that the amount to be recovered for the 2021 ARM
15 Docket with rates effective September 1, 2020, will be \$6.8 million, with the
16 balance of the unrecovered amounts in excess of the \$6.8 million to be carried
17 forward to the 2022 ARM Docket filing.

18 **Q. PLEASE FURTHER DISCUSS THE VOLUNTARY RATE CAP OF \$6.8**
19 **MILLION.**

20 A. The voluntary rate cap of \$6.8 million per year was determined based on projected
21 ARM filings through 2024, for on the Historic Base Periods 2020 through 2023, as
22 detailed in Exhibit GT-3. Based on the Company's projections, a \$6.8 million per
23 year rate adjustment for this ARM and for the next three ARM filings would allow

1 the Company to smooth out the recovery of the deficiencies and forecasted rate
2 resets until the 2025 ARM Docket filing, based on 2024 results, which shows a
3 total rate adjustment of less than the proposed voluntary cap. The proposed cap
4 allows the unrecovered amounts, the difference between the total rate adjustments
5 and rate cap, to be carried forward until it is ultimately recovered in future ARM
6 filings.

7 **Q. PLEASE CONTINUE.**

8 **A.** The voluntary cap is meant to set a ceiling at which the rate adjustment could be
9 granted through the 2024 ARM Docket filing (2023 Historic Base Period). Each
10 year the Company would continue to make the prescribed ARM filing which
11 includes a deficiency, rate reset and total rate adjustment. After Commission
12 review, if the ARM rate adjustment is above the voluntary cap of \$6.8 million then
13 the cap would be approved and implemented with the residual amount being carried
14 forward to the next ARM filing and so on. Finally, in the Company's 2025 ARM
15 Docket filing (2024 Historic Base Period), any cumulative over or under recovery
16 amounts from the prior four years will be included as part of that annual ARM filing
17 request.

18 **Q. FOR THE 2020 THROUGH 2024 HISTORIC BASE PERIODS, OF WHICH**
19 **THE VOLUNTARY RATE CAP IMPACTS, WILL THE COMPANY**
20 **CONTINUE TO EARN ITS AUTHORIZED RATE OF RETURN AND**
21 **FULLY COLLECT THE COMMISSION APPROVED HISTORIC BASE**
22 **PERIOD DEFICIENCIES?**

1 A. Yes, the voluntary rate cap allows the Company to earn its authorized rate of return
2 for the Historic Base Periods and, over time, to fully collect the Commission
3 approved deficiencies and projected rate resets. The primary difference under the
4 voluntary rate cap compared to the prescribed ARM mechanism is that the
5 Company will be recovering the deficiencies and rate resets over an extended
6 period of time rather than over one year.

7 **Q. SHOULD THE VOLUNTARY RATE CAP OF \$6.8 MILLION BE UPDATED**
8 **TO REFLECT THE FINAL RATE ADJUSTMENT OF \$11,545,439?**

9 A. No. Due to the size of change in the total rate adjustment amount, it is not necessary
10 to revise the voluntary rate cap of \$6.8 million. If Exhibit GT-3 were to be updated, it
11 would show a reduction in the projected 2025 ARM Docket filing rate adjustment for
12 the 2024 Historic Base Period. Furthermore, if the actual 2022 through 2024 ARM
13 Docket filings for the 2021 through 2023 historic base periods reflect a total rate
14 adjustment of less than the \$6.8 million voluntary rate cap, then the rate request will
15 be based on the lower amount.

16 **Q. DOES THIS CONCLUDE YOUR SUPPLEMENTAL TESTIMONY IN**
17 **SUPPORT OF THE STIPULATION AND SETTLEMENT AGREEMENT?**

18 A. Yes.

Tucker Exhibit GT-4
Exhibit GT-1 (ARM Model (Updated 6-30-2021 per Settlement))

Chattanooga Gas Company
Docket 21-00048
Schedule 1
1 of 66

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
**Annual Reconciliation Revenue Deficiency/
Twelve Months Ending December 31, 2**
Schedule 1

Line No.	Description	Adopted Docket 18-00017	Prior Year Adopted Docket 20-00049
1	Rate Base - Sch 2	149,739,716	163,379,679
2	Operating Income - Sch 5	10,657,876	8,096,435
3	Earned Return [L2/L1]	7.12%	4.96%
4	Fair Rate of Return - Sch 11	7.12%	7.12%
5	Required Operating Income [L4 X L1]	10,657,876	11,628,714
6	Operating Income Deficiency (Excess) [L6-L2]	(0)	3,532,279
7	Gross Revenue Conversion Factor - Sch 12	1.347168975	1.347168975
8	Revenue Deficiency (Surplus) [L6 X L7]	(1)	4,758,576

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Rate Base
Twelve Months Ending December 31, 2020
Schedule 2

Line No.	Description	Adopted Docket 18-00017	Prior Year Adopted Docket 20-00049	Historic Base Period 13 Month Average	Remove Prior Year Average Unamortized ARM Asset/(Liability)	Normalization Adjustments	Current Year Unamortized ARM Asset/(Liability) and Related Deferred Tax	Annual Rate True-Up Normalized Historic Base Period
Additions								
1	Plant-in-Service	a/ \$ 301,415,025	\$ 315,200,253	\$ 352,338,509				\$ 352,338,509
2	Construction Work in Progress (CWIP)	a/ 12,457,439	19,004,354	13,709,361				13,709,361
3	Deferred LNG Maintenance, net of ADITs			256,983				256,983
4	Incremental ARM Reg Asset, net of ADITs	a/		82,205				82,205
5	Material and Supplies	a/ 343,442	402,877	487,141		(56,377)		430,765
6	Prepayments	a/ 46,803	48,487	27,568		14,635		42,203
7	Stored Gas Inventory	a/ 9,425,959	9,199,996	7,757,841		750,552		8,508,393
8	Deferred Rate Case Expense	a/ 1,117,499	1,278,489	991,122				991,122
9	Working Capital	b/ 350,066	588,948	187,704		56,816		244,520
10	Unamortized ARM Reconciliation Balance	a/ -	1,981,102	3,809,812		(3,809,812)	3,769,029	3,769,029
11	Deferred Pension Contribution	a/ -	82,598	693,997				693,997
	Total Additions	\$ 325,156,233	\$ 347,787,104	\$ 380,342,243	\$ -	\$ (3,044,185)	\$ 3,769,029	\$ 381,067,086
Deductions								
12	Removal of Non-allocable Net AGSC Plant	\$ -	\$ 340,186	\$ 542,881	\$ -	\$ -	\$ -	\$ 542,881
13	Accumulated Depreciation	a/ 127,903,439	132,712,913	138,302,817				\$ 138,302,817
14	Accumulated Deferred Income Tax-ADIT	a/ 23,114,266	24,975,430	25,553,498		(835)		25,552,663
15	Regulated Liability-EDIT	a/ 22,177,646	22,289,323	21,044,625				21,044,625
16	Deferred Income Tax-ARM Reconciliation Balance		517,761	995,694		(995,694)	985,036	985,036
17	Deferred Tax Cuts & Jobs Act Regulatory Liability		922,355	1,773,760				1,773,760
18	Customer Advances for Construction	a/ -	-	-				-
19	Reserve for Uncollectible	a/ 169,708	201,415	288,440		(57,808)		230,631
20	Reserve for Health Insurance	a/ 33,409	45,928	84,345		(20,840)		63,504
21	Other Reserves	a/ 72,774	62,194	145,665		(58,920)		86,745
22	Customer Deposits	a/ 1,612,342	1,988,149	1,985,513				1,985,513
23	Accrued Interest on Customer Deposits	a/ 332,933	351,772	369,662				369,662
24	Total Deductions	\$ 175,416,517	\$ 184,407,425	\$ 191,086,900	\$ -	\$ (1,134,099)	\$ 985,036	\$ 190,937,837
25	Total Rate Base	\$ 149,739,716	\$ 163,379,679	\$ 189,255,343	\$ -	\$ (1,910,087)	\$ 2,783,993	\$ 190,129,250

a/ Historic Base Period 13-Month Average Sch 2A

b/ Leg Lag Schedule 3

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Rate Base-13 Month Average Workpaper
Twelve Months Ending December 31, 2020
Schedule 2A

Line No.	Description		December	January	February	March	April	May	June	July	August	September	October	November	December	13-MA
Additions																
1	Plant-in-Service	a/	\$ 340,186,028	\$ 343,982,010	\$ 348,046,033	\$ 346,370,659	\$ 353,305,214	\$ 353,695,064	\$ 354,777,204	\$ 354,849,548	\$ 356,038,426	\$ 357,182,513	\$ 356,921,997	\$ 357,498,139	\$ 357,547,781	352,338,509
2	Construction Work in Progress (CWIP)	a/	14,351,313	13,279,443	10,992,400	12,291,114	9,025,200	10,158,947	11,366,437	12,616,354	14,640,340	15,326,937	16,202,307	17,428,009	20,542,889	13,709,361
3	2019 Deficiency, net of ADITs	a/	3,962,204	3,962,204	3,962,204	3,962,204	3,962,204	3,962,204	3,962,204	3,962,204	3,962,204	3,962,204	3,632,021	3,301,837	2,971,653	3,809,812
4	Deferred LNG Maintenance, net of ADITs	a/	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983	256,983
5	Incremental ARM Reg Asset, net of ADITs	a/	118,741	118,741	118,741	118,741	118,741	118,741	118,741	118,741	118,741	-	-	-	-	82,205
6	Prepaid Pension Cash Contributions, Net of ADIT	a/	793,140	776,616	760,092	743,568	727,045	710,521	693,997	677,474	660,950	644,426	627,902	611,379	594,855	693,997
7	Material and Supplies	a/	451,592	439,810	472,378	498,963	487,463	493,564	498,903	492,760	498,873	496,545	500,275	499,946	501,767	487,141
8	Prepayments	a/	15,257	12,682	19,615	13,484	27,138	22,149	17,160	14,056	21,135	34,729	28,775	22,820	109,378	27,568
9	Stored Gas Inventory	a/	10,003,148	8,790,704	6,620,747	5,320,372	5,596,253	6,194,223	6,735,076	7,165,463	7,848,411	9,276,000	9,788,227	9,221,469	8,271,837	7,757,841
10	Deferred Rate Case Expense	a/	1,033,121	1,012,427	996,207	1,100,671	1,095,502	1,115,860	908,955	888,260	867,566	1,007,626	980,211	952,796	925,381	991,122
11	Average ARM Regulatory Asset a															-
12	Total Additions		\$ 371,171,527	\$ 372,631,620	\$ 372,245,401	\$ 370,676,761	\$ 374,601,742	\$ 376,728,257	\$ 379,335,661	\$ 381,061,844	\$ 384,913,629	\$ 388,187,964	\$ 388,938,697	\$ 389,793,377	\$ 391,722,526	\$ 380,154,539
Deductions																
13	Accumulated Depreciation	a/	(135,911,550)	(136,474,063)	(137,466,445)	(136,079,181)	(137,190,902)	(137,404,928)	(137,828,003)	(138,506,271)	(139,245,952)	(139,459,915)	(140,351,211)	(141,033,511)	(140,984,687)	\$ (138,302,817)
14	2019 Deficiency ADITs		(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(1,035,522)	(949,229)	(862,935)	(776,642)	\$ (995,694)
15	Accumulated Deferred Income Tax-ADIT	a/	(25,144,587)	(25,191,710)	(25,342,757)	(25,594,729)	(25,779,753)	(25,928,803)	(25,964,063)	(26,082,489)	(26,391,755)	(24,967,195)	(25,130,445)	(25,249,104)	(25,428,090)	(25,553,498)
16	Regulated Liability-EDIT	a/	(21,713,662)	(21,606,522)	(21,499,382)	(21,385,431)	(21,270,922)	(21,166,610)	(21,057,198)	(20,947,788)	(20,838,375)	(20,729,796)	(20,538,155)	(20,339,216)	(20,487,062)	(21,044,625)
17	Deferred Tax Cuts & Jobs Act Regulatory Liability	a/	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,844,710)	(1,890,984)	(1,537,258)	(1,383,533)	(1,773,760)
18	Customer Advances for Constructor	a/	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Reserve for Uncollectibles	a/	(191,479)	(225,594)	(232,137)	(246,219)	(269,289)	(275,127)	(301,937)	(327,191)	(316,652)	(325,847)	(332,483)	(346,862)	(358,897)	(288,440)
20	Reserve for Health Insurance	a/	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(82,023)	(97,113)	(97,113)	(84,345)
21	Other Reserves	a/	(136,622)	(140,574)	(140,055)	(147,498)	(148,909)	(150,320)	(152,166)	(154,666)	(156,802)	(156,460)	(134,357)	(136,929)	(138,289)	(145,665)
22	Customer Deposits	a/	(2,069,540)	(1,922,513)	(1,867,394)	(1,917,036)	(1,877,896)	(1,924,761)	(1,938,590)	(1,982,868)	(2,010,098)	(2,051,318)	(2,161,659)	(2,144,107)	(1,943,895)	(1,985,513)
23	Accrued Interest on Customer Deposits	a/	(360,257)	(362,455)	(364,509)	(360,582)	(367,146)	(367,588)	(370,586)	(372,247)	(372,132)	(376,885)	(374,676)	(377,984)	(378,559)	(369,662)
24	Average ARM Regulatory Liability		-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Total Deductions		\$ (188,489,952)	\$ (188,885,686)	\$ (189,874,934)	\$ (188,692,931)	\$ (189,867,072)	\$ (190,180,391)	\$ (190,574,799)	\$ (191,335,776)	\$ (192,294,021)	\$ (191,029,671)	\$ (191,745,222)	\$ (192,125,020)	\$ (191,976,767)	\$ (190,544,019)
26	Total Rate Base		\$ 182,681,575	\$ 183,745,934	\$ 182,370,467	\$ 181,983,830	\$ 184,734,670	\$ 186,547,865	\$ 188,760,862	\$ 189,726,067	\$ 192,619,608	\$ 197,158,293	\$ 197,193,475	\$ 197,668,358	\$ 199,745,758	\$ 189,610,520
27	245511 Taxes Payable-Tennessee	a/	\$ (184,477)	\$ (215,906)	\$ (152,029)	\$ (186,281)	\$ (102,689)	\$ (75,487)	\$ (81,912)	\$ (73,588)	\$ (70,311)	\$ (70,840)	\$ (83,032)	\$ (113,096)	\$ (197,361)	\$ (123,616)
28	245512 Taxes Payable- Tennessee	a/	(24,136)	(24,185)	(20,738)	(20,755)	(20,725)	(20,730)	(20,734)	(20,730)	(20,730)	(25,242)	(22,305)	(5,885)	(5,894)	(19,445)
29	246010 Franchise Requirements	a/	(573,901)	(912,978)	(1,155,507)	(884,475)	(168,987)	(302,287)	(437,938)	(105,633)	(228,501)	(327,966)	(134,026)	(292,140)	(588,248)	(470,199)
30	Franchise Fee and Sale Tax Withheld Balance		\$ (782,513)	\$ (1,153,069)	\$ (1,328,274)	\$ (1,091,510)	\$ (292,401)	\$ (398,504)	\$ (540,585)	\$ (199,951)	\$ (319,542)	\$ (424,049)	\$ (239,362)	\$ (411,121)	\$ (791,503)	\$ (613,260)

a/ Historic Base Period 13-Month Average Sch 2A

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Lead Lag Results
Twelve Months Ending December 31, 2020
Schedule 3**

Line No.	Description		Adopted Docket 18- 00017	Prior Year Adopted Docket 20- 00049	Historic Base Period	Annual True-Up Revenue Requirement Rate Adjustment
1	Revenue Lag	c/	43.76	43.76	43.76	43.76
2	Expense Lag	b/	39.01	36.92	39.14	38.96
3	Net Lag		4.75	6.84	4.62	4.80
4	Daily Cost of Service	b/	180,221	173,895	173,317	178,564
5	Cash Working Capital		856,635	1,189,613	800,964	857,780
6	Less: Tax Collections Withheld	a/	(506,569)	(600,665)	(613,260)	(613,260)
7	Net Cash Working Capital Provided		350,066	588,948	187,704	244,520

a/ Rate Base-13 Month Average Workpaper Schedule 2A

b/ Working Capital Expense Lag Schedule 4

c/ Rate Case Docket 18-00017

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Working Capital Expense Lag
Twelve Months Ending December 31, 2020
Schedule 4 (Deficiency)**

Line No.	Description	Historic Base Period Amount	Lag	\$ Days
Operating & Maintenance Expense				
1	Purchased Gas	\$ 30,528,398 c/	40.94 b/	\$ 1,249,832,614
2	O&M Labor	3,694,166 a/	14.01 b/	51,755,272
3	Pension	22,144 a/	0.00 b/	-
4	Post-Retirement Benefits Other than Pension	199,615 a/	0.00 b/	-
5	Miscellaneous Employee Benefits	(936) a/	4.47 b/	(4,186)
6	401 K Benefits	135,468 a/	12.07 b/	1,635,097
7	Health/Life Insurance Expense	294,881 a/	8.98 b/	2,648,035
8	Allocated Cost	6,326,336 a/	21.94 b/	138,799,803
9	Uncollectible	325,527 a/	43.76 b/	14,245,064
10	Other Operating Expense	6,412,378 f/	31.49 b/	201,925,789
Taxes				
11	Taxes-Other than Income Tax	3,760,637 c/	171.16 b/	643,670,714
12	State Excise (Income) Tax-Current	262,905 d/	37.88 b/	9,958,858
13	State Excise (Income) Tax-Deferred	(116,686) d/	0.00 b/	-
14	FIT-Current	101,379 d/	37.88 b/	3,840,225
15	Fit-Deferred	(1,156,529) d/	0.00 b/	-
Other Expense				
16	Depreciation and Amortization	8,214,820 c/	0.00 b/	-
17	Interest on Customer Deposits	78,210 c/	0.00 b/	-
18	Interest Short-Term Debt	345,508 e/	(51.36) b/	(17,745,282)
19	Interest Long-Term Debt	3,832,473 e/	45.76 b/	175,373,968
20	Total Working Capital Requirements [L1:L19]	\$ 63,260,694		\$ 2,475,935,971
21	Net Lead(lag) Days [Col E L20/Col BCL20]		<u>39.14</u>	
22	Daily Working Capital Requirements. Col C L20/365	<u>\$ 173,316.97</u>		
23	Return on Equity	<u>\$ 9,130,700</u>		
24	Total Cost of Serviced	<u>\$ 72,391,394</u>		
		(0)		

a/ Operating and Maintenance Expense Summary Schedule 7
b/ Rate Case Docket 18-00017
c/ Income Statement Historic Base Period Schedule 5
d/ Excise and Income Tax Schedule 9
e/ Capital Structure and Rate of Return Summary Schedule 11
f/ Calculation of Operating Expense for Lead Lag Schedule 4.1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Working Capital Expense Lag after Normalization Adjustments
Twelve Months Ending December 31, 2020
Schedule 4 (Reset)**

Line No.	Description	Historic Base Period Amount	Lag	\$ Days
Operating & Maintenance Expense				
1	Purchased Gas	\$ 30,528,398 c/	40.94 b/	\$ 1,249,832,614
2	O&M Labor	3,694,166 a/	14.01 b/	51,755,272
3	Pension	22,144 a/	0.00 b/	-
4	Post-Retirement Benefits Other than Pension	199,615 a/	0.00 b/	-
5	Miscellaneous Employee Benefits	(936) a/	4.47 b/	(4,186)
6	401 K Benefits	135,468 a/	12.07 b/	1,635,097
7	Health/Life Insurance Expense	504,818 a/	8.98 b/	4,533,264
8	Allocated Cost	6,120,790 a/	21.94 b/	134,290,126
9	Uncollectible	231,871 a/	43.76 b/	10,146,676
10	Other Operating Expense	5,793,467 f/	31.49 b/	182,436,273
Taxes				
11	Taxes-Other than Income Tax	3,760,637 c/	171.16 b/	643,670,714
12	State Excise (Income) Tax-Current	579,099 d/	37.88 b/	21,936,251
13	State Excise (Income) Tax-Deferred	(116,686) d/	0.00 b/	-
14	FIT-Current	2,185,899 d/	37.88 b/	82,801,856
15	Fit-Deferred	(1,156,529) d/	0.00 b/	-
Other Expense				
16	Depreciation and Amortization	8,519,496 c/	0.00 b/	-
17	Interest on Customer Deposits	40,062 c/	0.00 b/	-
18	Interest Short-Term Debt	341,886 e/	(51.36) b/	(17,559,251)
19	Interest Long-Term Debt	3,792,296 e/	45.76 b/	173,535,452
20	Total Working Capital Requirements [L1:L19]	\$ 65,175,960		\$ 2,539,010,159
21	Net Lead(lag) Days [Col E L20/Col BCL20]		<u>38.96</u>	
22	Daily Working Capital Requirements. Col C L20/365	<u>\$ 178,564.27</u>		
23	Return on Equity	<u>\$ 9,130,700</u>		
24	Total Cost of Serviced	<u>\$ 74,306,660</u>		
		-		

a/ Operating and Maintenance Expense Summary Schedule 7
b/ Rate Case Docket 18-00017
c/ Income Statement Historic Base Period Schedule 5
d/ Excise and Income Tax Schedule 9
e/ Capital Structure and Rate of Return Summary Schedule 11
f/ Calculation of Operating Expense for Lead Lag Schedule 4.1

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Working Capital Expense Lag / Calculation of Other Operating for Lead Lag
Twelve Months Ending December 31, 2020
Schedule 4.1**

Line No.	Description	Historic Base Period Adjusted	Historic Base Period Normalized
1	Total O&M	17,409,579	16,701,403 a/
2	O&M Labor- Payroll	3,694,166	3,694,166 a/
3	Pension	22,144	22,144 a/
4	Post-Retirement Benefits Other than Pension	199,615	199,615 a/
5	Miscellaneous Employee Benefits	(936)	(936) a/
6	401 K Benefits	135,468	135,468 a/
7	Health/Life Insurance Expense	294,881	504,818 a/
8	AGL Service Company Allocations	6,326,336	6,120,790 a/
9	Bad Debt Expense (Uncollectible)	325,527	231,871 a/
10	Total	<u>10,997,201</u>	<u>10,907,936</u>
11	Other Operating Expense (L1-L10)	<u>6,412,378</u>	<u>5,793,467</u>

a/ Operating and Maintenance Expense Summary Schedule 7

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Income Statement Historic Base Period
Twelve Months Ending December 31, 2020
Schedule 5

Line No.	Description		Rate Case Docket 18-00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period Actual Without Rate Making Adjustments	Rate Making Adjustments	Historic Base Period with Rate Making Adjustments	Normalization Adjustment	Normalized and Current Rates	Adjustment to include Amortization of Current Year ARM Regulatory Asset/(Liability)	Annual True-Up Revenue Requirement Rate Adjustment
Revenue											
1	Revenues	a/	\$ 70,473,655	\$ 69,602,788	\$ 67,039,511	\$ (451,806)	\$ 66,587,705	\$ 3,461,930	d/ \$ 70,049,634		\$ 70,049,634
2	AFUDC -Interest	e/		172,195	161,760		161,760				161,760
3	AFUDC-Equity	e/	823,951	369,038	340,428		340,428				340,428
4	Other Revenues	e/	675,121	854,766	3,646,559	(2,569,389)	1,077,171	(73,419)	e/ 1,003,751		1,003,751
5	Total Operating Revenues		\$ 71,972,727	\$ 70,998,787	\$ 71,188,257	\$ (3,021,195)	\$ 68,167,063	\$ 3,388,510	\$ 71,555,573	\$ -	\$ 71,555,573
Operating & Maintenance Expense											
6	Purchased Gas Expense	e/	\$ 38,611,525	\$ 35,313,102	\$ 30,550,482	\$ (22,084)	\$ 30,528,398		\$ 30,528,398		\$ 30,528,398
7	Operating & Maintenance Expense-Labor	b/	3,216,717	3,581,237	3,994,127	(299,961)	3,694,166		3,694,166		3,694,166
8	Operating & Maintenance Expense-Non Labor	b/	8,733,561	11,389,445	17,956,455	(4,241,042)	13,715,413	(708,177)	f/ 13,007,236		13,007,236
9	Total Operating & Maintenance Expense		\$ 50,561,803	\$ 50,283,783	\$ 52,501,064	\$ (4,563,087)	\$ 47,937,977	\$ (708,177)	\$ 47,229,801	\$ -	\$ 47,229,801
Other Expense											
10	Depreciation Expense	e/	\$ 7,718,131	\$ 8,246,593	\$ 8,462,331	\$ (247,512)	\$ 8,214,820	\$ 304,676	\$ 8,519,496		\$ 8,519,496
11	Amortization -ARM Reconciliation Balance (ARM Regulatory Asset/(Liability))			\$ 3,962,204	\$ 990,551		\$ 990,551	\$ (990,551)	\$ -	\$ 7,538,057	j/ \$ 7,538,057
12	Interest on Customer Deposits	d/	96,740	83,159	78,210		78,210	(38,147)	g/ \$ 40,062		\$ 40,062
13	Taxes Other than Income	e/	3,339,316	3,528,664	3,781,027	(20,390)	3,760,637		\$ 3,760,637		\$ 3,760,637
14	State Excise (Income) Tax	c/	372,213	30,433	28,583	117,637	146,219	316,193	h/ 462,413	(494,123)	(31,711)
15	Federal Income Tax	c/	264,062	(3,286,069)	(1,410,503)	355,353	(1,055,150)	2,084,520	i/ 1,029,370	(1,492,632)	(463,262)
16	Total Other Expense		\$ 62,352,265	\$ 62,848,768	\$ 64,431,263	\$ (4,357,999)	\$ 60,073,264	\$ 968,514	\$ 61,041,779	\$ 5,551,302	\$ 66,593,081
17	Utility Operating Income		\$ 9,620,462	\$ 8,150,020	\$ 6,756,994	\$ 1,336,804	\$ 8,093,798	\$ 2,419,996	\$ 10,513,794	\$ (5,551,302)	\$ 4,962,492

- a/ Revenue Summary Schedule 6
b/ Operating and Maintenance Expense Summary Schedule 7
c/ Excise and Income Tax Schedule 9
d/ Capital Structure and Rate of Return Summary Schedule 11
e/ Chattanooga Gas Company detailed Income Statement Schedule 19
d/ Weather Normalized Revenue Adjustment for the Historic Base Period Schedule 16.3
e/ Rate Reset Normalization Adjustments-Non-Weather Adjustments Schedule 28
f/ Uncollectible Adjusted to 5 Year Average
g/ See Schedule 28
h/ (L5-L9-L10-L11-L12-L13)X6.5%
i/ (L5-L9-L10-L11-L12-L13-L14)X21%
j/ Carrying Charges and Historic Period annual Reconciliation Balance Schedule 29

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Revenue Reconciliation
Twelve Months Ending December 31, 2020
Schedule 5.1

Line No.	Descriptions	Amount		
1	Operating Revenues	\$ 70,686,070	a/	
	Classify as Other Revenues o Income Statement			
2	402300 LNG Sales	-	a/	
3	404301 Revenue - Franchise Collected	\$ 2,296,258	a/	
4	412250 Miscellaneous Revenue	22,292	a/	
5	407050 Late Payment Fees	485,319	a/	
6	407090 Returned Check -Marketer	9,380	a/	
7	407100 Reconnect Charge - Firm	33,385	a/	
8	407101 Seasonal Reconnect Change	31,225	a/	
9	407102 Turn-on Charge- Firm	129,920	a/	
10	407103 Meter Set Charge- Firm	38,780	a/	
11	410100 Management and Consulting Fee	600,000	a/	
12	Total Deduct [L2:L12]	<u>\$ 3,646,559</u>		
13	Sales and Transportation Revenue Including PGA [L1-L12]	<u>\$ 67,039,511</u>		
14	Sales and Transportation Revenue L13	\$ 67,039,511		
	Add:			
15	Reverse the Tax Rate Reduction Accrual	(454,254)	a/	
16	Remove Miscellaneous Base Revenue Adjustment	2,448		
17	Adjusted Sales and Transportation Revenue	<u>\$ 66,587,705</u>		
		<u>Adjustment</u>	<u>Adjusted Revenue</u>	
18	Other Revenues			
18	402300 LNG Sales	-	b/	-
19	404301 Revenue - Franchise Collected	\$ 2,296,258	c/	-
20	412250 Miscellaneous Revenue	22,292		\$ 22,292
21	407050 Late Payment Fees	485,319		485,319
22	407090 Returned Check -Marketer	9,380		9,380
23	407100 Reconnect Charge - Firm	33,385		33,385
24	407101 Seasonal Reconnect Change	31,225		31,225
25	407102 Turn-on Charge- Firm	129,920		129,920
26	407103 Meter Set Charge- Firm	38,780		38,780
27	410100 Management and Consulting Fee	600,000	b/	-
28	70250 Damage Billing - Gas Reclassed as Revenue instead of Expense Credit	8,315	d/	8,315
29	670251 Damage Billing - Non-Gas Reclassed as Revenue instead f Expense Credit	318,554	d/	318,554
30	Total Other Revenues	<u>\$ 3,646,559</u>	<u>\$ (2,569,398)</u>	<u>\$ 1,077,171</u>
	Purchased Gas Cost Adjustment			
32	Purchased Gas Cost per books a/	\$ 30,550,482	<u>Adjustment</u> \$ (22,084) e/	<u>\$ 30,528,398</u>
33	Adjusted Sales and Transportation Revenue L17	\$ 66,587,705		
34	Adjusted Other Revenue L31	<u>1,077,171</u>		
		<u>\$ 67,664,875</u>		
35	Cost of Gas L32	<u>(30,528,398)</u>		
36	Margin	<u>\$ 37,136,477</u>		

a/ Chattanooga Gas Company detailed Income Statement Schedule 19

b/ LNG Sale and AMA Fee -Non Base Revenue handled through IMCR filings. AMA Fee recorded as Management and Consulting Fee

c/ Franchise Fee is a direct pass through also removed from expense

d/ Outside services increased to reflect the re-classification of Damage Billing from expense off-set to revenue Scheduled 7.

e/ Purchased Gas Adjustment Exclude Cost of OFF-System Sales Included in IMCR filing

LNG Cost-Off-System Sales	\$ -	h/
Gain Shared LNG Transfers	\$ -	h/
Odorant- Cost Not Recovered through PGA Reclassified Other Operating	<u>22,084</u>	a/
	<u>\$ 22,084</u>	

h/ Department 8100 Income Statement - Chattanooga Gas Company detailed Income Statement Schedule 19

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Revenue Summary
Twelve Months Ending December 31, 2020
Schedule 6

Line No.	Descriptions	Rate Case Docket 18-00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period b/	Annulization 10-1-2020 Rates g/	Weather Normalization Adjustment	Other Normalization Adjustments	Normalized Revenue at Billed Rates
	Sales & Transportation Margin							
1	Residential (R-1)	\$ 14,251,629	\$ 15,076,524	\$ 16,301,517 b/	\$ 1,494,686	\$ (383,186) d/		\$ 17,413,018
2	Multi-Family (R-4)	28,029	28,858	32,214 b/	3,101	(2,639) d/		32,677
3	Gas Lights		211	219 b/	(219)			-
4	Commercial (C-1)	3,495,831	3,583,778	3,694,918 b/	342,607	29,820 d/		4,067,345
5	Commercial (C-2)	8,254,355	9,142,723	9,353,421 b/	871,090	378,893 d/		10,603,404
6	Industrial (F-1/T-2)	2,004,732	2,574,922	2,709,037 b/	357,133			3,066,170
7	Industrial (I-1)	36,274	-	- b/	-			-
8	Industrial (T-1)	1,082,153	1,035,144	1,041,784 b/	94,967			1,136,751
9	Industrial (F-1/T-1/T-2)	1,290,946	1,732,479	1,687,573 b/	167,492			1,855,065
10	Industrial (T-3)	1,276,880	1,100,769	1,163,749 b/	108,183			1,271,932
11	Special Contract	141,302	14,277	74,883 b/	-			74,883
12	Total	\$ 31,862,131	\$ 34,289,686	\$ 36,059,314	\$ 3,439,041	\$ 22,888	\$ -	\$ 39,521,244
13	Misc. Base Revenue Adjustments			-		-		-
14	Total Sales and Transport Margin	\$ 31,862,131	\$ 34,289,686	\$ 36,059,314	\$ 3,439,041	\$ 22,888	\$ -	\$ 39,521,244
15	Purchased Gas Cost	38,611,525	35,313,102	30,528,398 c/				30,528,398
16	Total Sales and Transport Revenue	\$ 70,473,656	\$ 69,602,788	\$ 66,587,712	\$ 3,439,041	\$ 22,888	\$ -	\$ 70,049,642
17	Other Revenue a/	675,121	854,766	1,077,171 c/	31,707	201 d/	(105,328) e/	1,003,751
18	AFUDC -Interest		172,195	161,760				161,760
19	AFUDC-Equity		369,038	340,428				340,428
20	Total AFUDC	823,951	541,233	502,187	-	-	-	502,187
21	Total Revenue	\$ 71,972,728	\$ 70,998,788	\$ 68,167,071	\$ 3,470,749	\$ 23,090	\$ (105,328)	\$ 71,555,581

a/ Normalization 4 Yr. Average - Rate Reset Normalization Adjustments-Non-Weather Adjustments Schedule 28

b/ Summary - Historic Base Period Jurisdictional Non-Gas Revenues -Current Rates - Schedule 15

c/ Revenue Reconciliation Schedule 5.1

d/ Weather Normalized Revenue Adjustment for the Historic Base Period Schedule 16.3

e/ Rate Reset Normalization Adjustments-Non-Weather Adjustments Schedule 28

g/ Schedule 15.1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Revenue Summary - Reconciliation
Twelve Months Ending December 31, 2020
Schedule 6.1

Please reference Schedule 5.1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
CGC Department 8100 Income Statement
Twelve Months Ending December 31, 2020
Schedule 6.1A

There were no off system sales of Liquid Natural Gas (LNG) during the Historic Base Period

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Operating and Maintenance Expense Summary
Twelve Months Ending December 31, 2020
Schedule 7**

Line No.	Description		Rate Case Docket 18- 00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period Per Books	Rate Making Adjustments	Historic Base Period Adjusted	Normalization Adjustments	Historic Base Period Normalized
1	Payroll Expense	a/	3,216,717	3,581,237	3,994,127	(299,961)	3,694,166		3,694,166
2	Pension	a/	22,964	22,144	242,625	(220,481)	22,144		22,144
3	Post-Retirement Benefits Other than Pension	a/	-	49,612	16,595	183,020	199,615		199,615
4	Miscellaneous Employee Benefits	a/	(312)	15,063	(936)		(936)		(936)
5	401 K Benefits	a/	120,978	120,507	135,468		135,468		135,468
6	Health/Life Insurance Expense	a/	573,050	574,377	294,881	-	294,881	209,936	504,818
7	Benefits Capitalized	a/	(92,484)	(111,850)	(146,430)	-	(146,430)		(146,430)
8	Fleet Services & Facilities Expense	a/	810,419	607,162	594,714		594,714		594,714
9	Outside Services	a/	1,849,778	2,829,421	3,814,580	b/ 327,442	4,142,022	(551,597)	3,590,424
10	Bad Debt Expense	a/	127,227	191,881	325,527	-	325,527	(93,656)	231,871
11	Advertising and Outreach	a/	-	879	122,880	(121,320)	1,560		1,560
12	Customer Services & Accounts Expense	a/	4,859	8,526	4,650		4,650		4,650
13	Franchise and Riders	a/	-	-	2,296,258	(2,296,258)	-		-
14	Administrative & General Expense a/	a/	951,611	912,450	859,955	a/ (1,525)	858,430	60,483	918,913
15	Admin & Gen. Salaries & Exp. Capitalized	a/	(60,878)	(111,881)	(128,343)		(128,343)		(128,343)
16	Other Distribution & Storage Expense	a/	588,213	898,051	1,759,510	(673,734)	1,085,776	(127,797)	957,979
17	AGL Service Company Allocations		3,838,136	5,383,103	7,764,521	c/ (1,438,186)	6,326,336	(205,546)	6,120,790
	Total Operation and Maintenance		11,950,278	14,970,682	21,950,582	(4,541,003)	17,409,579	(708,177)	16,701,403
			-	0	-	-	-	-	-

a/ Administrative and General Schedule 7(b)

b/ Move Damage Billing from credit to expense to revenue consistent with Docket No. 18-00017. Schedules 5.1 & 7(a).

c/ Historic base period includes total AGSC allocated costs. As the rate case amount for Service Company costs allocated to Taxes Other Than Income Tax was not known, the Company has used the allocated TOTIT as calculated by Mr. David Dittmore of 148,755 and added the approved allocated depreciation expense of 317,518 to AGSC cost adopted in 18-00017. This adjustment has been made so that this Historic Base Period may be compared to the allocated service company cost approved in CGC's 2017 rate case.

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
O&M Expense Roll Up Summary
Twelve Months Ending December 31, 2020
Schedule 7A

Line No.	Description		Amount
	Total Expense		
1	Operation Expenses	a/	12,952,552
2	Maintenance Expenses	a/	1,525,597
3	Capitalized Expenses	a/	(292,088)
4	Intercompany Billing	a/	101,655
5	Allocated Costs	a/	7,662,866
6	Total Operating Expense Net of Depreciating and Tax		21,950,582
	Payroll Expense		
7	Fixed Compensation	a/	3,559,434
8	Variable Compensation		
9	AIP	a/	423,912
10	Sales Bonus	a/	10,782
11	Total Payroll		3,994,127
	Pension		
12	Pensions	a/	242,625
13	Non-Qualified Pension Plan	a/	-
14	Total Pension		242,625
15	Other Post Retirement Benefits	a/	16,595
16	Other Benefits	a/	(936)
17	401K Benefits	a/	135,468
18	Health Benefits	a/	294,881
19	Benefits Capitalized	a/	(146,430)
20	Fleet Services	a/	235,806
21	Facilities	a/	376,223
22	Fleet Exp Cap & Distributed	a/	(17,316)
23	Total Fleet and Facilities		594,714
24	Outside Services		3,814,580
25	Customer Account Expenses	a/	325,527
26	Sales Promotion Expense		
27	Marketing Admin and Support	a/	31,740
28	Civic Participation-Other		26,155
29	Civic Participation-Commun Dev		64,986
30	Total Marketing & Civic Expense		122,880
31	Customer Account Expenses	a/	325,527
32	Less: Uncollectible (Included Separately)	a/	(325,527)
33	Customer Service Expenses	a/	4,650
34	Total Customer Service and Account Expenses		4,650
	Franchise and Riders		2,296,258
35	Administrative & General Expense	b/	859,955
36	Admin & Gen Exp Capitalized	a/	(128,343)
37	Total Administrative & General Expense		731,613
38	Allocated Expense		7,764,521
39	Other Distribution and Storage Expense		1,759,510
40	Total		21,950,582

a/Chattanooga Gas Company detailed Income Statement Schedule 19
b/ Administrative and General Schedule 7(b)

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Administrative and General Expense
Twelve Months Ending December 31, 2020
Schedule 7B**

Line No.	Account	Historic Base Period	Reclassify	After Reclass	Rate Making Adjustment	Adjusted Expense
1	607500 Strategic Environmental Costs	2,584	a/	2,584		2,584
2	670051 Company Use Gas	-	a/	-		-
3	670080 Tax and License	25,775	a/	25,775		25,775
4	670100 Office and Administrative	24,691	a/	24,691		24,691
5	670101 Supplies	1,361	a/	1,361		1,361
6	670102 Development and Training-Acctg.	4,313	a/	4,313		4,313
7	670103 Organizational Development	-	a/	-		-
8	670104 Postage	198,704	a/	198,704		198,704
9	670105 Operational Training	-	a/	-		-
10	670106 Safety Training and Reg Compliance	21,674	a/	21,674		21,674
11	670110 Seminars and Meetings	-	a/	-		-
12	670127 Uniforms	26,617	a/	26,617		26,617
13	670130 Bank Service Charges	27,207	a/	27,207		27,207
14	670165 Stores -Other	2,956	a/	2,956		2,956
15	670166 Inventory Adjustment Expense	(2,523)	a/	(2,523)		(2,523)
16	670172 Stores - Capitalization	-	a/	-		-
17	670300 General Business Insurance	147,850	a/	147,850		147,850
18	670351 Printing/ Reproduction	-	a/	-		-
19	670352 Forms	(11,036)	a/	(11,036)		(11,036)
20	670353 Freight/Shipping	-	a/	-		-
21	670355 Computer Software/Hardware Exp	-	a/	-		-
22	670400 Injuries and Damages	10,511	a/	10,511	-	10,511
23	670401 Workers Compensation Expense	-	a/	-		-
24	Regulatory	272,397	a/	272,397		272,397
25	670800 Association and Club Dues-Comp	30,835	a/	30,835	(1,525) b/	29,310
26	670805 AssociationandClub Dues-Employee	2,440	a/	2,440		2,440
27	670806 General Dues and Subscriptions	15,718	a/	15,718		15,718
28	670840 Miscellaneous Expense	12,250	a/	12,250		12,250
29	670841 Fines and Penalties	-	a/	-		-
30	670855 Travel Expense	17,780	a/	17,780		17,780
31	670856 Meals and Entertainment	18,134	a/	18,134		18,134
32	670857 Meals and Entertainment 100 Percent	10,060	a/	10,060		10,060
33	670868 Spousal Travel Expense	-	a/	-		-
34	670880 Laboratory	-	a/	-		-
35	670881 AGL Acquisition	-	a/	-		-
36	670885 Restructuring-Severance	-	a/	-		-
37	670888 Transportation Reimbursement	-	a/	-		-
38	670159 Scrap Materials	(343)	a/	(343)		(343)
Administrative & General Expense		859,955	-	859,955	(1,525)	858,430

a/ Chattanooga Gas Company detailed Income Statement Schedule 1

b/ Lobbying, Charitable Contribution, Social Club Membership, Athletic Events Schedule 2

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Other Distribution & Storage Expense
Twelve Months Ending December 31, 2020
Schedule 7C**

Line No.	Account	Historic Base Period		Reclassify	Rate Making Adjustment		Adjusted Expense
1	620050 LNG Operation	201,124	a/		201,124	-	201,124
2	640605 Turn-off Service	1,129	a/		1,129	-	1,129
3	640607 Activate Meter	1,868	a/		1,868	-	1,868
4	640611 RelocateService(Re-Route)-Cred	(74,299)	a/		(74,299)	-	(74,299)
5	640707 Investigate Leaks-Distribution	800	a/		800	-	800
6	640749 Distribution-Mat Mgt	103,287	a/		103,287	-	103,287
7	640770 CCF Materials	3	a/		3	-	3
8	625200 Maintenance of Gas Holders	117,364	a/		117,364	-	117,364
9	625300 LNG Mnt Purification Equip	1,759	a/		1,759	-	1,759
10	625400 LNG Maint Liquefaction Equip	995,531	a/		995,531	(695,819)	299,713
11	625500 LNG Mnt- of Vaporizing Equip	7,765	a/		7,765	-	7,765
12	625600 LNG Mnt- of Compressor Equip	51,195	a/		51,195	-	51,195
13	625900 LNG Mnt-Other Equip	82,237	a/		82,237	-	82,237
14	645200 Repair and Maintain Mains	58,936	a/		58,936	-	58,936
15	645214 Repair damage mains	6,489	a/		6,489	-	6,489
16	645400 Maintenance Regulator Stations	30,088	a/		30,088	-	30,088
17	645501 Maint. Meter Sets andReg. Pro	10,666	a/		10,666	-	10,666
18	645503 Repair Damage Service	6,121	a/		6,121	-	6,121
19	645506 Repair Meter Sets and Reg. Re	2,098	a/		2,098	-	2,098
20	645700 Maintenance of Services	35,712	a/		35,712	-	35,712
21	675100 Maintenance of Facilities	37,841	a/		37,841	-	37,841
22	675105 Software Maintenance	32,132	a/		32,132	-	32,132
23	675110 Maintenance Power Equipment	-	a/		-	-	-
24	675120 Maintenance Hand Tools	48,202	a/		48,202	-	48,202
25	675140 Maintenance of Office Equip	1,038	a/		1,038	-	1,038
26	675160 Small Tools and Equipment	422	a/		422	-	422
27	675170 Tools and Equipment Repair	-	a/		-	-	-
28	610100 Purchased Gas Exp	-	a/	22,084 b/	22,084	-	22,084
29	Other Distribution & Storage Expense	1,759,510		22,084	1,781,594	(695,819)	1,085,776

a/ Chattanooga Gas Company detailed Income Statement Schedule 19

b/ Purchased Gas Adjustment Exclude Cost of OFF-System Sales Included in IMCR filing

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Taxes Other than Income Tax
Twelve Months Ending December 31, 2020
Schedule 8**

Line No.	Description		Rate Case Docket 18-00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period	Adj.	Adj. Other Tax
1	Property Tax	a/	2,093,447	2,000,004	2,199,996		2,199,996
2	Commission Inspection Fee	a/	305,345	291,223	324,852		324,852
3	Payroll Tax	a/	383,805	219,683	245,948	(20,390) b/	225,558
4	Franchise Tax	a/	136,334	507,527	500,003		500,003
5	Gross Receipts Tax	a/	569,140	510,228	510,228		510,228
6	Allocated & Other Tax	c/			-		-
7	Total		3,488,071	3,528,664	3,781,027	(20,390)	3,760,637

a/ Chattanooga Gas Company detailed Income Statement Schedule 19

b/ Incentive Compensation Adjustment Schedule 27

c/ Rate Case taxes other than income taxes of \$3,488,071 includes allocated TOTIT as approved by the Tennessee Public Utility Commission in Docket 18-00017. Allocated TOTIT of 148,755 have been removed from TOTIT on Schedule 5 and reclassified to Allocated cost for comparability purposes as discussed in Schedule 7

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Excise and Income Taxes
Twelve Months Ending December 31, 2020
Schedule 9

Line No.	Description	Rate Case Docket 18-00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period	Rate Making Adjustments	Historic Base Period with Rate Making Adjustments	Normalization Adjustment Schedule 16.3 & Schedule 28	Historic Base Period Normalized	Adjustment to include Amortization of Current Year ARM Regulatory Asset/(Liability)	Historic Base Period With Annual True-Up Revenue Requirement Rate Adjustment
1	Operating Revenue	a/ 71,972,727	70,998,787	71,188,257	(3,021,195)	68,167,063	3,388,510	71,555,573	-	71,555,573
	Operating Expense:									
2	Purchased Gas Expense	a/ 38,611,525	35,313,102	30,550,482	(22,084)	30,528,398		30,528,398	-	30,528,398
3	O&M Expense	a/ 11,950,278	15,024,266	21,950,582	(4,541,003)	17,409,579	(708,177)	16,701,403	-	16,701,403
4	Depreciation Expense	a/ 7,718,131	8,246,593	8,462,331	(247,512)	8,214,820	304,676	8,519,496	-	8,519,496
	Amortization -ARM Reconciliation Balance (ARM Regulatory Asset/(Liability))	a/	3,962,204	990,551		990,551	(990,551)	-	7,538,057	7,538,057
5	Interest on Customer Deposits	a/ 96,740	83,159	78,210	-	78,210	(38,147)	40,062	-	40,062
6	General Taxes (Taxes Other than Income)	a/ 3,339,316	3,528,664	3,781,027	(20,390)	3,760,637	-	3,760,637	-	3,760,637
7	Total Operating Expense [L2:L7]	61,715,990	66,157,988	65,813,184	(4,830,989)	60,982,195	(1,432,199)	59,549,996	7,538,057	67,088,053
8	NOI Before Excise and Income Tax [L1-L7]	10,256,737	4,840,799	5,375,073	1,809,794	7,184,867	4,820,709	12,005,577	(7,538,057)	4,467,519
9	AFUDC (Equity-Portion)	a/ (823,951)	(369,038)	(340,428)	-	(340,428)		(340,428)		(340,428)
10	Interest Expense	b/ 3,433,623	3,746,396	4,339,740	-	4,339,740	(43,799)	4,295,941	63,839	4,359,780
	Permanent Differences		21,000	23,000		23,000		23,000		23,000
11	Net Income Before Excise and Income Tax [L8:L11]	5,999,163	746,365	717,905	1,809,794	2,527,699	4,864,509	7,392,208	(7,601,896)	(209,688)
	Tennessee Excise Tax Calculation									
12	Net Income Before Excise and Income Tax [L11]	5,999,163	746,365	717,905	1,809,794	2,527,699	4,864,509	7,392,208	(7,601,896)	(209,688)
13	Excise Tax Rate	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%	6.5%
14	Excise Tax Expense [L12 x L13]	389,946	48,514	46,664	117,637	164,300	316,193	480,494	(494,123)	(13,630)
15	Less After - Tax Excess Deferred Tax Liability Amortization	(18,081)	(18,081)	(18,081)		(18,081)		(18,081)		(18,081)
16	Net Excise Tax Expense [L14:L15]	371,865	30,433	28,583	117,637	146,219	316,193	462,413	(494,123)	(31,711)
17	Excise Tax Current [L16-L18]	(348)	(559,540)	145,269	117,637	262,905	316,193	579,099	(494,123)	84,975
18	Excise Tax Deferred	a/ 372,213	560,921	(116,686)	-	(116,686)	-	(116,686)	-	(116,686)
	Federal Income Tax Calculation									
19	Net Income Before Excise and Income Tax [L12]	5,999,163	746,365	717,905	1,809,794	2,527,699	4,864,509	7,392,208	(7,601,896)	(209,688)
20	Net Excise Tax Expense [L16]	371,865	30,433	28,583	117,637	146,219	316,193	462,413	(494,123)	(31,711)
21	Net Income Before Federal Income Tax [L19:L20]	5,627,298	715,932	689,322	1,692,157	2,381,480	4,548,316	6,929,795	(7,107,773)	(177,977)
22	FIT Rate	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%	21.0%
23	Federal Income Tax Expense [L21 x L22]	1,181,733	150,346	144,758	355,353	500,111	955,146	1,455,257	(1,492,632)	(37,375)
24	Less After-Tax Excess Deferred Tax Liability Amortization-	c/ (918,724)	(893,619)	(891,297)		(891,297)		500,995	(390,302)	(390,302)
25	Less After-Tax Excess Deferred Tax Liability Amortization-Tax Cust & Jobs Act	d/	(1,362,595)	(340,649)		(340,649)		-		-
26	Less After-Tax Excess Deferred Tax Liability Amortization- Federal		(35,585)	(35,585)		(35,585)		(35,585)		(35,585)
27	Less Acceleration of federal basis adjustment EDIT Amortization	d/	(707,004)	(178,328)		(178,328)		-		-
	Less Acceleration of 2021 Unprotected EDIT Amortization	d/	(437,611)	(109,403)		(109,403)		-		-
28	Net Federal Income Tax Expense [L23:L26]	263,009	(3,286,069)	(1,410,503)	355,353	(1,055,150)	2,084,520	1,029,370	(1,492,632)	(463,262)
28	Federal Income Tax -Current[L27-L29]	(1,053)	(5,313,167)	(253,974)	355,353	101,379	2,084,520	2,185,899	(1,492,632)	693,267
29	Federal Income Tax -Deferred	a/ 264,062	2,027,098	(1,156,529)	-	(1,156,529)	-	(1,156,529)	-	(1,156,529)

a/ Income Statement Historic Base Period Schedule 5

b/ Rate of Return Summary Schedule 11

c/ EDIT amortization separate into protected and unprotected. See Schedule 35.5

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Income Statement at Proposed Rates
Twelve Months Ending December 31, 2020**

Line No.	Description	Current Rates	Rate Increase	Proposed Rates
	Revenue			
1	Gas Sales & Transportation Revenues	70,049,634 e/	11,545,439 g/	81,595,073
2	AFUDC	502,187 e/		502,187
3	Other Revenues	1,003,751 e/	101,548 a/	1,105,299
4	Total Operating Revenues	71,555,573	11,646,987	83,202,560
	Operating & Maintenance Expense			
5	Purchased Gas Expense	30,528,398 e/		30,528,398
6	Operating & Maintenance Expense-Labor	3,694,166 e/		3,694,166
7	Operating & Maintenance Expense-Non-Labor	13,007,236 e/	44,544 b/	13,051,780
8	Total Operating & Maintenance Expense	47,229,801	44,544	47,274,344
	Other Expense			
9	Depreciation Expense	8,519,496 e/		8,519,496
10	Amortization -Prior Year Earnings Deficiency/(Surplus)	7,538,057 e/		7,538,057
11	Interest on Customer Deposits	40,062 e/		40,062
12	Taxes Other than Income	3,760,637 e/		3,760,637
13	State Excise (Income) Tax	(31,711) e/	754,159 c/	722,448
14	Federal Income Tax	(463,262) e/	2,278,140 d/	1,814,877
15	Total Other Expense	19,363,280	3,032,298	22,395,578
16	Operating Income	4,962,492	8,570,144	13,532,637
17	Interest Expense	4,359,780 f/		4,359,780
18	Net Income	602,713	8,570,144	9,172,857
19	Rate Base	190,129,250		190,129,250
20	Overall Rate of Return [L16/L19]	2.61%		7.12%
21	Equity % of Capital Structure)	49.23%		49.23%
22	Rate Base Financed by Equity [L19 Xx L21]	93,600,630		93,600,630
23	Return on Equity [L18/L22]	0.64%		9.80%
24	Authorized Return on Equity	9.80%		9.80%
25	Equity Rate of Return Deficiency (Excess) [L23-L24]	9.16%		0.00%
26	Net Income Deficiency (Excess) [L22 X L25]	8,570,149		5
27	Revenue Conversion Factor	1.3472		1.3472
28	Revenue Deficiency (Excess) [L26XL27]	11,545,439		6

a/ Line 1 X Forfeited Discount Factor Sch 12

b/ (Line 1 + L4) X Uncollectible Factor Sch 12

c/ (Line 1 + Line 4-Line 9) X 6.5%

d/ (Line 1 + Line 4 -Line 9 -Line 15) X 21%

e/ Income Statement Historic Base Period Schedule 5

f/ Rate of Return Summary Schedule 11

g/ Annual Reconciliation Revenue Deficiency/ (Excess) Schedule 1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Rate of Return Summary
Twelve Months Ending December 31, 2020
Schedule 11**

Line No.	Class of Capital	Rate Case Capital Structure and Rate Case Costs Rate Case	Prior Year Capital Structure and Rate Case Costs	Rate Case Capital Structure and Rate Case Costs Historic Base Period	Rate Case Capital Structure and Rate Case Costs Historic Base Period With Normalization Adjustments	Rate Case Capital Structure and Rate Case Costs Historic Base Period With Annual True-Up Revenue Requirement Rate Adjustment
1	Short-Term Debt	6.30%	6.30%	6.30%	6.30%	6.30%
2	Long-Term Debt	44.47%	44.47%	44.47%	44.47%	44.47%
3	Equity % of Total	49.23%	49.23%	49.23%	49.23%	49.23%
	Cost Rate					
4	Short-Term Debt	3.01%	3.01%	3.01%	3.01%	3.01%
5	Long-Term Debt	4.73%	4.73%	4.73%	4.73%	4.73%
6	Equity Authorized Dkt 18-00017	9.80%	9.80%	9.80%	9.80%	9.80%
	Weighted Cost					
12	Short-Term Debt	0.19%	0.19%	0.19%	0.19%	0.19%
13	Long-Term Debt	2.10%	2.10%	2.10%	2.10%	2.10%
14	Equity Authorized Dkt 18-00017	4.82%	4.82%	4.82%	4.82%	4.82%
16	Overall Rate of Return	7.118%	7.118%	7.118%	7.118%	7.118%
18	Average Rate Base	149,739,716	163,379,679	189,255,343	187,345,257	190,129,250
	Interest Expense					
18	Short-term Debt-Interest	283,951	309,817	358,885	355,263	360,542
19	Long-Term Debt-Interest	3,149,672	3,436,579	3,980,856	3,940,678	3,999,238
20	Total Interest Expense	3,433,623	3,746,396	4,339,740	4,295,941	4,359,780
21	Required Equity	7,224,252	7,882,318	9,130,700	9,038,547	9,172,862
22	Total Return	10,657,876	11,628,714	13,470,440	13,334,488	13,532,641
23	Customer Deposit Balance	1,985,513				
24	Interest Rate -Customer Deposits Annual CGC TPUC Tariff No. 2 Sheet No. 5	6.00%				
25	Interest-Customer Deposits	119,131	a/			

a/ Calculated amount is not used for the rate reset normalization adjustment, please see Schedule 28 for the normalizaiton adjustment. The change in the calculation of interest on customer deposits is discussed in the testimony of Mr. Archie Hickerson.

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Revenue Conversion and Income Tax Gross-up Factors
Twelve Months Ending December 31, 2020
Schedule 12**

Line No.	Description	Percentage	Amount
(a)	(b)	(c)	(d)
1	Operating Revenue		100%
2	Add: Forfeited Discounts [Col (c) L2 X Col (d) L1]	0.8796%	<u>0.0087955</u>
3	Balance [L1+L2]		1.008796
4	Uncollectible [Col (c) L4 X Col (d) L3]	0.3825%	<u>0.0038581</u>
5	Balance [L3-L4]		1.0049379
6	State Excise [Col (c) L6 X Col (d) L5]	6.5%	<u>0.065320964</u>
7	Balance [L5-L6]		0.939616937
8	Federal Income Tax [Col (c) L8 X Col (d) L7]	21.0%	<u>0.197319557</u>
9	Balance [L7-L8]		<u><u>0.74229738</u></u>
10	Revenue Conversion Factor [L1/L9]		<u><u>1.347169</u></u>
Effective Tax Rate			
11	Net Income		100%
12	State Excise Rate [Col (c) L12 X Col (d) L11]	6.5%	6.50%
13	Subject to FIT [L11-L12]		93.50%
14	FIT Rate [Col (c) L14 X Col (d) L13]	21.0%	<u>19.64%</u>
15	Composite Income Tax Rate [L12+L14]		<u>26.135%</u>
16	Income Tax Gross Up Factor [L15/(1-L15)]		<u><u>1.3538212</u></u>

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Margin by Rates Schedule Current and Proposed Rates
Twelve Months Ending December 31, 2020
Schedule 13

Line No.	Descriptions	Rate Case Docket 18-00017 Adopted	Prior Year Adopted Docket 20-00049	Normalized Margin Current Rates	Normalized Margin Proposed Rates Schedule 17	Margin Change	% Change
Sales & Transportation Margin							
1	Residential (R-1)	\$ 14,251,629	\$ 17,125,507	\$ 17,413,018	\$ 22,550,221	\$ 5,137,203	29.5%
2	Multi-Family (R-4)	28,029	32,829	32,677	42,302	9,625	29.5%
3	Commercial (C-1)	3,495,831	4,067,059	4,061,595	5,257,027	1,195,432	29.4%
4	Commercial (C-2)	8,254,355	10,461,069	10,603,404	13,727,427	3,124,024	29.5%
5	Industrial (F-1/T-2)	2,004,732	2,640,164	2,966,984	3,841,357	874,373	29.5%
6	Industrial (I-1)	36,274	-	-	-	-	0.0%
7	Industrial (T-1)	1,082,153	1,175,368	1,136,750	1,469,525	332,775	29.3%
8	Industrial (F-1/T-1/T-2)	1,290,946	1,658,066	1,855,065	2,400,634	545,569	29.4%
9	Industrial (T-3)	1,276,880	1,264,408	1,274,177	1,650,402	376,225	29.5%
10	Special Contract	141,302	14,277	74,883	74,883	\$ -	0.0%
11	Total Sales and Transport Revenue	\$ 31,862,131	\$ 38,438,748	\$ 39,418,551	\$ 51,013,777	\$ 11,595,226	29.4%
12	Other Revenue a/	675,121	854,766	1,003,751	1,003,751	-	0.0%
13	Total Margin	\$ 32,537,252	\$ 39,293,514	\$ 40,422,303	\$ 52,017,529	\$ 11,595,226	28.7%

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Depreciation and Amortization
Twelve Months Ending December 31, 2020

Line No.	Account	Description	Balance as of 12/31/2020	Adjustments	Balance as of 12/31/2020	Current Rates	Total
1	301	301.00 Organization - Depr	12,563		12,563	0.00%	-
2	302	302.00 Fran & Cons - Depr	-		-	0.00%	-
3	360	360.10 Land - Other SP	1,262,030		1,262,030	0.00%	-
4	361	361.00 Structures & Imp - NatGas	10,720,079		10,720,079	1.51%	161,873
5	362	362.00 Gas Holders - Natural Gas	8,152,891		8,152,891	0.96%	78,268
6	363	363.00 Purification Equipment	582,978		582,978	0.21%	1,224
7	363	363.10 Liquefaction Equipment	6,387,143		6,387,143	3.59%	229,298
8	363	363.20 Vaporizing Equip	2,361,662		2,361,662	1.35%	31,882
9	363	363.30 Compressor Station Equip	3,328,608		3,328,608	1.73%	57,585
10	363	363.40 M&R Equipment	321,972		321,972	3.49%	11,237
11	363	363.50 Other Equipment Storage	2,143,973		2,143,973	7.54%	161,656
12	364	364.20 Structures & Imp - LNG	1,585,632		1,585,632	1.84%	29,176
13	364	364.50 M&R Equipment - LNG	1,211,162		1,211,162	3.62%	43,844
14	364	364.80 Other Equipment- LNG	2,965,714		2,965,714	7.62%	225,987
15	367	367.10 Mains - Steel	513,689		513,689	1.40%	7,192
16	374	374.00 Land & Land Rights - DP	1,572,045		1,572,045	1.17%	18,393
17	374	374.10 Land - DP	486,627		486,627	0.00%	-
18	375	375.00 Structures & Improvements DP	533,095		533,095	3.80%	20,258
19	376	376.00 Mains	190,651,944		190,651,944	1.95%	3,721,408
20	377	377.00 Compressor Station Equip	-		-	0.00%	-
21	378	378.00 M&R Station Equip - General	2,694,847		2,694,847	2.34%	63,059
22	379	379.00 M&R Station Equip - City Gat	3,339,666		3,339,666	1.80%	60,114
23	380	380.00 Services	65,932,006		65,932,006	2.92%	1,927,327
24	381	381.00 Meters	14,741,882		14,741,882	2.97%	437,834
25	381	381.10 Meters - ERTs	3,633,350		3,633,350	6.25%	227,084
26	382	382.00 Meter Installations	4,821,807		4,821,807	1.13%	54,486
27	383	383.00 House Regulators	6,013,719		6,013,718.94	1.73%	103,917
28	384	384.00 House Reg Installations	1,333,854		1,333,854	1.80%	24,009
29	385	385.00 Industrial M&R Station Equip	138,554		138,554	2.22%	3,076
30	386	386.00 Other Property on CP	16,919		16,919	0.00%	-
31	387	387.00 Other Equipment - DP	533,513		533,513	1.86%	9,923
32	389	389.10 Land - GP	99,156		99,156	0.00%	-
33	390	390.00 Structures & Improvements GP	176,594		176,594	0.00%	-
34	391	391.00 Office Furniture	-		-	5.00%	-
35	391	391.10 OFE - Software Non-Enterpris	(135)		(135)	20.00%	(27)
36	391	391.11 OFE - Enterprise Software	2,255,119		2,255,119	10.00%	225,512
37	391	391.12 OFE - Servers - Hardware	333,523		333,523	20.00%	66,705
38	391	391.20 OFE - Enterprise - 10YR	5,480,332		5,480,332	8.33%	456,512
39	392	392.00 Trans Equip	627,683		627,683	16.12%	101,182
40	392	392.10 Trans Eq - Autos & Lt Trcks	230,401		230,401	16.12%	37,141
41	392	392.20 Trans Equip - Service Trucks	1,003,993		1,003,993	8.71%	87,448
42	392	392.30 Trans Equip - Heavy Trucks	918,455		918,455	7.43%	68,241
43	393	393.00 Stores Equipment	2,055,110		2,055,110	4.00%	82,204
44	394	394.00 Tools, Shop, & Garage Equip	558,638		558,638	7.69%	42,959
45	395	395.00 Laboratory Equipment	-		-	0.00%	-
46	396	396.00 Power Operated Equip	500,264		500,264	1.87%	9,355
47	397	397.00 Communication Equip	442,839		442,839	8.33%	36,888
48	398	398.00 Miscellaneous Equipment	228,831		228,831	6.67%	15,263
			352,904,728	-	352,904,728		8,939,496
			-				
					Rate Case Adjustment		(172,488)
					Total		8,767,008
					Depreciation and Amortization		8,462,331
					Adjustment		304,676

[illegible]

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Depreciation and Amortization - Active Services Lines
Twelve Months Ending December 31, 2020
Schedule 14.3**

DOT Report Total Service Lines		80,757	
Customers at			
Rate Schedule			
Residential General Service R-1	59,881		
Residential Multi-Family Housing Service R-4	2		
Small Commercial and Industrial General Service C-1	6,626		
Medium Commercial and Industrial General Service C-2	2,010		
Industrial F-1, I-1, T-1, T-2, T-3, & Special Contract	116		
Total Customers 12/31/2020		68,635	a/
Service Lines with inactive meters		1,751	
Inactive Service lines to be evaluated for retirement			
Depreciation per Service Line at 2.92% Depr Rate		10,371	
Depreciation Adjustment at 2.92% Depr Rate		\$ 23.87	
		247,512	

a/ Schedule 16.4 Number of Customers, Volume, & Base Revenue

Chatham Bank Company
Annual Report (Form 10-K)
Summary Balance Sheet Data (Unaudited) - Q1 2023
Table A: Balance Sheet Data (Q1 2023)

Balance Sheet

Category	January	February	March	April	May	June	July	August	September	October	November	December	Total	Year	Quarter	Total
Assets																
Current Assets (Cash and Cash Equivalents)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Current Assets (Accounts Receivable)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Current Assets (Inventory)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Current Assets (Prepaid Expenses)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Current Assets (Other)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Non-Current Assets																
Property, Plant, and Equipment	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Intangible Assets	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Goodwill	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other Non-Current Assets	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Liabilities																
Current Liabilities (Accounts Payable)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Current Liabilities (Short-Term Debt)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Current Liabilities (Other)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Non-Current Liabilities																
Long-Term Debt	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other Non-Current Liabilities	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Equity																
Common Stock	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Retained Earnings	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Other Equity	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

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Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14
	Post Test Year Billing Units			Current Winter Rates	Current Summer Rates	Present Total	Present Total	Rate Approval	Rate Approval	Rate Approval	Rate Approval	Rate Approval	Proposed Total
	Winter	Non-Winter	Total	Winter	Non-Winter	May-Oct	Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr	Proposed Total
Residential R-1													
Number of Bills	300,470	343,784	644,254	\$ 16,500	\$ 10,577,520	\$ 13.00	\$ 4,469,150	\$ 10,878,712	\$ 17,000	\$ 5,957,500	\$ 40.00	\$ 4,817,278	\$ 10,770,966
Volume Therms	36,018,609			\$ 11.00	\$ 0.115891	\$ 0.115891		\$ 10,878,712	\$ 11,000	\$ 10,800,000	\$ 0.115891		\$ 4,784,817
Revenue								\$ 17,471,829					\$ 28,271
% Increase													\$ 694,254
% Decrease													\$ 688
Multi-Family R-4													
Number of Bills	1,005	1,107	2,202	\$ 2,100	\$ 6,570,000	\$ 8.00	\$ 6,542,400	\$ 13,212	\$ 6.25	\$ 6,844	\$ 6.25	\$ 6,919	\$ 13,813
Volume Therms	53,177	16,749	69,926	\$ 5.21788	\$ 11,975,071	\$ 0.10000	\$ 3,240,935	\$ 14,817	\$ 2,21758	\$ 11,376	\$ 0.93500	\$ 3,241	\$ 14,767
Revenue								\$ 28,271					\$ 501
% Increase													\$ 1,005
% Decrease													\$ 1,005
Commercial C-1													
Number of Bills	40,832	35,161	80,003	\$ 25,000	\$ 1,183,838	\$ 25.00	\$ 979,525	\$ 2,163,363	\$ 31.00	\$ 1,285,462	\$ 26.00	\$ 1,050,051	\$ 2,315,413
Volume Therms	6,471,362	891,247	7,362,609	\$ 0.165891	\$ 1,202,444	\$ 0.165891	\$ 1,020,004	\$ 1,362,468	\$ 0.165891	\$ 1,202,444	\$ 0.165891	\$ 1,020,004	\$ 1,362,468
Revenue					\$ 2,366,282		\$ 1,103,548	\$ 3,465,931		\$ 2,407,358		\$ 1,103,548	\$ 3,465,931
% Increase													\$ 102,170
% Decrease													\$ 102,170
Commercial C-2													
Number of Bills	10,766	10,940	21,706	\$ 75.00	\$ 790,000	\$ 75.00	\$ 790,000	\$ 1,586,430	\$ 75.00	\$ 808,500	\$ 75.00	\$ 790,000	\$ 1,586,430
Volume Therms	369,120.6			\$ 5.00	\$ 5.00	\$ 5.00		\$ 1,717,335		\$ 6.25			\$ 3,698,430
0-3,000 Therms	14,754,460	5,207,351	20,111,811	\$ 0.16744	\$ 2,768,574	\$ 0.17417	\$ 788,451	\$ 3,554,015	\$ 0.16744	\$ 2,768,574	\$ 0.14717	\$ 788,451	\$ 3,554,015
3,001-5,000 Therms	1,754,680	637,116	2,391,778	\$ 0.17100	\$ 369,253	\$ 0.17000	\$ 174,854	\$ 374,939	\$ 0.17100	\$ 369,253	\$ 0.16600	\$ 174,854	\$ 374,939
5,001-10,000 Therms	2,231,468	832,646	3,124,738	\$ 0.16823	\$ 361,242	\$ 0.16823	\$ 20,465	\$ 62,205	\$ 0.16823	\$ 361,242	\$ 0.16623	\$ 20,053.14	\$ 62,235
Over 10,000 Therms	7,231,407	2,661,301	9,892,708	\$ 0.16623	\$ 81,629	\$ 0.16623	\$ 46,339	\$ 127,967	\$ 0.16623	\$ 81,629	\$ 0.16623	\$ 46,338.88	\$ 127,966
Revenue					\$ 4,316,871		\$ 1,766,996	\$ 6,244,353		\$ 4,316,871		\$ 1,766,996	\$ 6,244,353
Total	10,544,749	7,103,300	27,643,233										\$ 308,578
% Increase													\$ 43,200
% Decrease													\$ 43,200
Commercial C-3													
Number of Bills	287	289	576	\$ 75.00	\$ 21,525	\$ 75.00	\$ 21,675	\$ 43,200	\$ 75.00	\$ 21,525	\$ 75.00	\$ 21,675	\$ 43,200
Volume Therms	62,302			\$ 5.00	\$ 5.00			\$ 342,853	\$ 6.25				

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Weather Normalized Usage Rate Schedules R-1, R-4, C-1, & C-2
Twelve Months Ending December 31, 2020
Schedule 16.1**

Line	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7
	Residential R-1		Number of Bills b/		Average Annual Use Per Bill Dkt 18-00017 Therms a/		Normalize Usage Therms Col 3 X Col 5
1			710,549		51.88		36,863,282
	Multi-Family R-4	Number of Winter Units	Number of Summer Units b/	Average Normalized Use Per Unit Winter Dkt 18-00017 Therms a/	Average Normalized Use per Unit Summer Dkt 18-00017 Therms a/	Normalized Winter Usage Therms Col 2 X Col 4	Normalized Summer Usage Therms Col 3 X Col 5
2		1,110	1,095	48.56	15.13	53,902	16,573
	Commercial C-1	Number Winter Bills	Number Summer Bills b/	Average Normalized Use Per Unit Winter Dkt 18-00017 Therms a/	Average Normalized Use Per Unit Winter Dkt 18-00017 Therms a/	Normalized Winter Usage Therms Col 2 X Col 4	Normalized Summer Usage Therms Col 3 X Col 5
3		39,729	38,683	158.53	22.75	6,298,238	880,038
	Commercial C-2	Number Winter Bills	Number Summer Bills b/	Average Normalized Use Per Unit Winter Dkt 18-00017 Therms a/	Average Normalized Use Per Unit Winter Dkt 18-00017 Therms a/	Normalized Winter Usage Therms Col 2 X Col 4	Normalized Summer Usage Therms Col 3 X Col 5
4		11,913	11,734				
	Therms						
5	0-3000			1,373.0	508.3	16,356,787	5,964,275
6	3,001-5,000			163.3	60.5	1,945,155	709,320
7	5,001-15,000			213.2	78.9	2,540,328	926,282
8	Over 15,000			68.3	25.3	813,062	296,518
						21,655,332	7,896,395

a/ Weather Normalization Schedule 16.1A

b/ Non Gas Revenue Schedule 15

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Weather Normalized Revenue Rate Schedules R-1, R-4, C-1, & C-2
Twelve Months Ending December 31, 2020
Schedule 16.2**

Line	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
	Residential R-1	Normalized Usage Therms Sch 16.1		Current Volumetric Rate/Therm Rates Effective 10/1/20	Current Volumetric Rate/Therm Rates Effective 10/1/20		Normalized Volumetric Revenue Col 2 X Col 5	Total Normalized Volumetric Revenue Col 6 + Col 7
1		36,863,282			\$0.13203			\$4,867,059
	Multi-Family R-4	Normalized Winter Usage Therm Sch 16.1	Normalized Summer Usage Therms Sch 16.1	Winter Current Volumetric Rate/Therm	Summer Current Volumetric Rate/Therm	Normalized Winter Volumetric Revenue Col 2 X Col 4	Normalized Summer Volumetric Revenue Col 3 X Col 5	Total Normalized Volumetric Revenue Col 6 + Col 7
2		53,902	16,573	\$0.24796	\$0.22042	\$ 13,365	\$ 3,653	\$17,018
	Commercial C-1	Normalized Winter Usage-Therms Sch 16.1	Normalized Summer Usage-Therms Sch 16.1	Winter Current Volumetric Rate/Therm	Summer Current Volumetric Rate/Therm	Normalized Winter Volumetric Revenue Col 2 X Col 4	Normalized Winter Volumetric Revenue Col 2 X Col 4	Total Normalized Volumetric Revenue Col 6 + Col 7
3		6,298,238	880,038	\$0.21166	\$0.16618	\$ 1,333,085	\$146,245	\$1,479,330
	Commercial C-2	Normalized Winter Usage - Therms Sch 16.1	Normalized Summer Usage-Therms Sch 16.1	Winter Current Volumetric Rate	Summer Current Volumetric Rate	Normalized Winter Volumetric Revenue Col 2 X Col 4	Normalized Summer Volumetric Revenue Col 3 X Col 5	Total Normalized Volumetric Revenue Col 6 + Col 7
4	0-3000	16,356,787	5,964,275	\$ 0.21351	\$ 0.16764	\$ 3,492,338	\$ 999,851	\$ 4,492,189
5	3,001-5,000	1,945,155	709,320	\$ 0.19489	\$ 0.13308	\$ 379,091	\$ 94,396	\$ 473,488
6	5,001-15,000	2,540,328	926,282	\$ 0.18984	\$ 0.12407	\$ 482,256	\$ 114,924	\$ 597,180
7	Over 15,000	813,062	296,518	\$ 0.09822	\$ 0.09822	\$ 79,859	\$ 29,124	\$ 108,983
8	Total C-2	21,655,332	7,896,395			\$ 4,433,544	\$ 1,238,295	\$ 5,671,839

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Weather Normalized Revenue Adjustments Rate Schedules R-1, R-4, C-1, & C-2
Twelve Months Ending December 31, 2020
Schedule 16.3**

Line	Col 1	Col 2	Col 3	Col 4
	Residential R-1	Volumetric Revenue Base Period	Weather Normalized Base Revenue Sch 16.2	Weather Normalization Adjustment Col 2-Col 3
1	R-1 Adjustment	\$ 5,250,244.69	\$4,867,059	(\$383,186)
	Multi-Family R-4	Volumetric Base Revenue	Weather Normalized Base Revenue Sch 16.2	Weather Normalization Adjustment Col 2-Col 3
2	R-4 Adjustment	\$19,657	\$17,018	(\$2,639)
	Commercial C-1	Volumetric Base Revenue	Weather Normalized Base Revenue Sch 16.2	Weather Normalization Adjustment Col 2-Col 3t
3	C-1 Adjustment	\$1,449,510	\$1,479,330	\$29,820
	Commercial C-2	Volumetric Base Revenue	Weather Normalized Base Revenue Sch 16.2	Weather Normalization Adjustment Col 2-Col 3t
4	C-2 Adjustment	\$5,292,946	\$ 5,671,839	\$378,893
5	Total Weather Normalization Revenue Adjustment (L1+L2+L3+L4)			\$22,888
6	Forfeited Discount Factor Dkt 18-00017			0.8796%
7	Adjustment Forfeited Discount Revenue	(L5 X L6)	\$	201
8	Uncollectible Factor Dkt 18-00017			0.3825%
9	Uncollectible Adjustment	(L5+L7) X L9	\$	88
10	Excise Tax Rate Dkt 18-00017			6.50%
11	Excise Tax Adjustment	(L5+L7-L9) X L10	\$	1,495
12	Federal Income Tax Rate Dkt 18-00017			21%
13	Income Tax Adjustment	(L5+L7-L9-L11) X L12	\$	4,516

Weather Normalization Adjustment L5		\$22,888
Theoretical Increase from 2017 Review 8/1/201	\$	-
Increase Realized 8/1-12/31 2018	\$	-
Additional Revenue from 8/1/2018 Rates		-
Total Weather Normalization and Rate increase Dkth 18-00017		\$22,888

	Jan-20		Feb-20		Mar
	NO. OF CUSTOMERS	VOLUMES BILLED (DT)	NO. OF CUSTOMERS	VOLUMES BILLED (DT)	NO. OF CUSTOMERS
VOLUMES SOLD AND TRANSPORTED					
R-1 (RESIDENTIAL GENERAL SERVICE)					
PGA Commodity Charge					
Total R-1	59,248	535,307	59,472	651,592	59,410
R-4 (Multi-Family Housing Svc.)					
PGA Commodity Charge	2	926	2	1,182	2
R-4 (Air Conditioning Service)					
Total R-4	2	926	2	1,182	2
C-1 (Commercial & Industrial Svc.)					
PGA Commodity Charge	6,694	107,183	6,688	130,612	6,655
C-1 (Air Conditioning Service)					
Total C-1	6,694	107,183	6,688	130,612	6,655
C-2 (Medium Commercial & Industrial General Svc.)					
PGA Demand	-	-	-	-	-
PGA Commodity Charge	-	-	-	-	-
Demand Charge	-	33,799	-	32,953	-
First 300 Dt Per Month	1,491	260,271	1,450	283,658	1,424
Next 200 Dt	183	31,614	191	37,379	185
Next 1000 Dt	248	43,297	262	51,328	267
Over 1500 Dt	68	10,141	79	15,410	101
Total C-2	1,990	345,624	1,982	397,774	1,977
I-1 (Interruptible Service)					
Customer Base Use Charges	-	-	-	-	-
First 1,500 Dt Per Month	-	-	-	-	-
Next 2,500 Dt	-	-	-	-	-
Next 11,000 Dt	-	-	-	-	-
Over 15,000 Dt	-	-	-	-	-
I-1 Supply Purchased (Dt)	-	-	-	-	-
Total Volumes	-	-	-	-	-
F-1/T-2 (Lrg. Volume Firm Service & Transportation (T-2)					
Customer Base Use Charges	36	-	36	-	36
Demand Units	-	14,063	-	14,063	-
First 1,500 Dt Per Month	-	51,333	-	50,635	-
Next 2,500 Dt	-	66,414	-	68,987	-
Next 11,000 Dt	-	125,057	-	113,192	-
Over 15,000 Dt	-	19,517	-	14,907	-
F-1 Supply Purchased (Dt)	-	13,705	-	16,913	-
Total Volumes	36	204,320	36	247,020	36
F-1/T-2/T-1 (Lrg. Volume Firm Service & Transportation (T-2 & T 1)					
Customer Base Use Charges	14	-	14	-	14
Demand Units	-	5,399	-	5,399	-
System Capacity Charges	-	6,117	-	6,220	-
First 1,500 Dt Per Month	-	21,000	-	21,000	-
Next 2,500 Dt	-	32,099	-	31,255	-
Next 11,000 Dt	-	80,545	-	78,584	-
Over 15,000 Dt	-	136,945	-	135,158	-
F-1 Supply Purchased (Dt)	-	3,705	-	8,753	-
Incremental Supply	-	-	-	-	-
Total Volumes	14	270,589	14	265,998	14
T-1 (Interruptible Service & Interruptible Transportation)					
Customer Base Use Charges	17	-	17	-	17
Demand	-	8,839	-	9,072	-
System Capacity Charges	-	23,733	-	22,381	-
First 1,500 Dt Per Month	-	30,408	-	26,678	-
Next 2,500 Dt	-	30,763	-	27,974	-
Next 11,000 Dt	-	60,434	-	36,712	-
Over 15,000 Dt	-	-	-	-	-
I-1 Supply Purchased (Dt)	-	-	-	-	-
Incremental Supply	-	-	-	-	-
Total Volumes	17	145,338	17	113,745	17
T-3 (Low. Volume Firm Service & Transportation)					
Customer Base Use Charges	46	-	46	-	46
Demand Units	-	4,351	-	4,447	-
First 300 Dt Per Month	-	12,912	-	13,152	-
Next 200 Dt	-	7,344	-	7,385	-
Next 1,000 Dt	-	23,235	-	22,345	-
Over 1,500 Dt	-	22,537	-	20,043	-
F-1 Supply Purchased (Dt)	-	968	-	3,123	-
Total Volumes	46	66,028	46	62,926	46
REGULAR TARIFF SALES AND TRANSPORT	68,037	1,735,314	68,257	1,861,749	68,157
SS-1 Sales and Transportation					
SS-1 Customers	-	-	-	-	-
Total SS-1	-	-	-	-	-
Special Contract					
Customer Base Charge	1	-	1	-	1
Demand Units	-	1,699	-	1,699	-
Special Contract Rate	-	28,221	-	28,569	-
F-1 Supply Purchased (Dt)	-	28,221	-	28,569	-
Incremental Supply	-	-	-	-	-
Total Special Contract	1	28,221	1	28,569	1
V-1 NATURAL GAS VEHICLE SERVICE					
Flat Rate Per Dt	-	-	-	-	-
MONTHLY TOTAL	68,038	1,763,535	68,258	1,890,318	68,158

CYCLE BILLED	989,039	1,171,160
INDUSTRIAL BILLED	779,496	719,158
TOTAL	1,763,535	1,890,318

Exhibit GT-4

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Revenue Increase Allocation
Twelve Months Ended December 31, 2020
Schedule 17.1**

Line No.	Description	Revenue Per Rate Schedule Docket 18-00017	% of Total by Rate Schedule	Revenue Per Rate Schedule Docket 20-00049	% of Total by Rate Schedule	Normalized Revenue Historic Base Period	% Increase	Target Equal % Increase
Sales & Transportation Margin								
1	Residential (R-1)	\$ 14,746,292	a/ 44.81%	\$ 17,125,507	44.57%	17,413,018	29.35%	5,109,867
2	Multi-Family (R-4)	28,579	a/ 0.09%	\$ 32,829	0.09%	32,677	29.35%	9,589
3	Commercial (C-1)	3,648,001	a/ 11.08%	\$ 4,067,059	10.58%	4,061,595	29.35%	1,191,879
4	Commercial (C-2)	8,592,933	a/ 26.11%	\$ 10,461,069	27.23%	10,603,404	29.35%	3,111,579
5	Industrial (F-1/T-2)	2,114,124	a/ 6.42%	\$ 2,640,164	6.87%	2,966,984	29.35%	870,664
6	Industrial (I-1)	36,274	a/ 0.11%	\$ -	0.00%	-	29.35%	-
7	Industrial (T-1)	1,082,153	a/ 3.29%	\$ 1,175,368	3.06%	1,136,750	29.35%	333,580
8	Industrial (F-1/T-2/T-1)	1,333,342	a/ 4.05%	\$ 1,658,066	4.32%	1,855,065	29.35%	544,371
9	Industrial (T-3)	1,329,837	a/ 4.04%	\$ 1,264,408	3.29%	1,274,177	29.35%	373,909
10	Special Contract	a/	0.00%	-	-	-	-	-
11	Total Sales and Transport Margin	\$ 32,911,534	a/ 100.00%	\$ 38,424,471	100.00%	39,343,669		11,545,439
12	Other Revenue	687,351	b/	745,199		1,003,751		-
13	Total Margin	\$ 33,598,885	a/	\$ 39,169,670		40,347,420		11,545,439
							% Increase	
14	Increase in Revenue Deficiency Schedule 1						\$ 11,545,438.84	29.35%

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Other Revenue
Twelve Months Ending December 31, 2020
Schedule 18

Line No.	Description	2019													2020												
		January	February	March	April	May	June	July	August	September	October	November	December	2019 Total	January	February	March	April	May	June	July	August	September	October	November	December	2020 Total
1	Forfeited Discounts	56,327	56,794	63,078	55,370	48,333	34,791	26,643	22,383	20,624	25,875	18,223	33,304	461,743	53,186	40,535	55,722	62,597	54,106	61,100	55,370	53,621	10,550	868	19,175	18,488	485,319
2	Returned Check Charges	1,060	1,120	1,080	1,620	900	760	720	840	720	1,080	860	860	11,620	1,180	1,040	940	840	440	660	580	560	660	540	920	1,020	9,380
3	Reconnect Charges	1,190	4,335	4,680	3,050	2,000	4,440	6,945	4,815	4,230	3,970	685	700	41,040	7,605	6,930	1,875	195	-	-	-	-	505	9,840	4,070	2,365	33,385
4	Seasonal Reconnect Charges	2,480	930	995	910	310	830	960	2,035	2,475	23,120	19,985	2,220	57,250	1,515	1,320	785	780	440	295	650	605	2,930	6,585	10,710	4,610	31,225
5	Turn-On Charges	9,720	9,345	9,105	8,775	8,144	8,685	10,242	9,390	8,055	12,495	14,790	10,395	119,141	9,645	8,640	8,100	8,625	7,170	8,325	9,630	8,760	10,530	15,290	18,440	16,765	129,920
6	Meter Set Charges	3,200	2,975	2,150	1,675	2,250	1,925	2,400	2,625	2,075	3,350	4,900	3,550	33,075	4,300	3,490	3,075	2,450	1,850	2,075	2,350	2,340	2,850	3,760	4,985	5,255	38,780
7	Miscellaneous Charges	1,834	1,861	1,618	1,729	1,659	1,648	1,812	1,788	1,709	1,949	1,652	2,072	21,330	1,988	1,826	1,954	1,895	1,829	1,857	1,860	1,805	1,919	1,887	1,792	1,681	22,292
8	Damage Billing	44,616	17,418	15,380	12,307	24,270	27,725	18,980	15,485	19,028	39,185	12,637	12,949	259,979	16,855	21,797	25,506	16,955	9,671	23,566	34,258	25,315	28,638	15,740	86,604	21,964	326,869
9	Total	#####	94,778	98,086	85,435	87,865	80,803	68,702	59,361	58,916	111,024	73,731	66,049	1,005,177	96,274	85,578	97,957	94,337	75,507	97,878	104,698	93,006	58,582	54,509	146,696	72,148	1,077,171
10	Allowance for Funds - Debt	26,512	24,227	8,715	18,467	14,940	9,335	22,901	22,713	25,282	(30,115)	15,024	14,194	172,195	17,702	16,353	13,328	(20,471)	11,690	12,971	12,104	15,512	17,639	20,038	22,163	22,729	161,760
11	Allowance for Funds - Equity	55,802	51,144	24,814	38,869	31,751	19,798	48,216	47,806	53,217	(63,386)	31,130	29,876	369,038	37,260	34,340	28,053	(43,085)	24,605	27,280	25,425	32,756	37,127	42,177	46,649	47,839	340,428
12	Total AFUDC	82,314	75,371	33,530	57,336	46,691	29,133	71,117	70,519	78,499	(93,501)	46,154	44,070	541,233	54,962	50,693	41,381	(63,556)	36,295	40,251	37,530	48,269	54,767	62,216	68,812	70,568	502,187

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Exhibit GT-1
Chattanooga Gas Company
Annual Rate Review Mechanism (ARM)
Other Revenue
Twelve Months Ending December 31, 2020
Schedule 18.1

	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element	Total Project Element
	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan	Total Plan
	FY20	FY20	FY20	FY20	FY20	FY20	FY20	FY20	FY20	FY20	FY20	FY20	FY20
	January	February	March	April	May	June	July	August	September	October	November	December	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	
Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company	Chattanooga Gas Company
412250 Miscellaneous Revenue	1,988	1,825	1,954	1,895	1,829	1,857	1,865	1,805	1,919	1,887	1,752	1,681	22,292
407050 Late Payment Fees	53,186	40,535	55,722	62,597	54,106	61,100	55,370	53,621	10,550	868	19,175	18,488	485,319
407090 Returned Check -Marketer	1,180	1,040	840	840	440	-	660	-	540	540	920	1,020	9,380
407100 Reconnect Charge - Firm	7,605	6,930	1,875	195	-	-	-	560	605	9,840	4,070	2,365	33,385
407101 Seasonal Reconnect Change	1,515	1,320	785	780	440	295	650	605	2,930	6,585	10,710	4,610	31,225
407102 Turn-on Charge- Firm	9,645	8,640	8,100	8,625	7,170	8,325	9,830	8,760	10,530	15,290	18,440	16,765	129,920
407103 Meter Set Charge- Firm	4,300	3,490	3,075	2,450	1,850	2,075	2,350	2,340	2,850	3,750	4,985	5,255	38,780
670250 Damage Billing - Gas	403	853	783	414	-	217	639	338	634	-	3,710	324	8,315
670251 Damage Billing - Non-Gas	16,452	20,943	24,723	16,541	9,671	23,350	33,620	24,977	28,004	15,740	82,894	21,639	318,554
446300 Allowance for Funds-Equity	37,250	34,340	28,053	(43,085)	24,605	27,280	25,425	32,756	37,127	42,177	46,649	47,839	340,428
Allowance for Funds - Debt	17,702	16,353	13,328	(20,471)	11,690	12,971	12,104	15,512	17,639	20,038	22,163	22,729	161,760

Year	Country	Population (millions)	GDP (billion USD)	Life expectancy (years)	Infant mortality (per 1,000 live births)	Unemployment (%)	Urban population (%)	Renewable energy (%)	Internet usage (%)	Gender inequality index	Human Development Index
2010	USA	310	14,500	78.5	12.0	4.5	75.0	10.0	75.0	0.65	0.85
2010	China	1,370	5,900	74.8	21.0	4.8	50.0	5.0	35.0	0.75	0.70
2010	India	1,190	2,000	69.4	30.0	19.0	29.0	1.0	15.0	0.85	0.55
2010	Germany	82	3,500	80.6	7.0	3.5	73.0	20.0	85.0	0.20	0.88
2010	Japan	128	5,000	82.6	10.0	2.5	92.0	15.0	90.0	0.15	0.90
2010	UK	61	2,500	80.1	8.0	5.5	89.0	25.0	95.0	0.10	0.89
2010	France	64	2,400	81.1	9.0	6.0	91.0	18.0	92.0	0.12	0.88
2010	Italy	61	1,900	81.0	10.0	6.5	89.0	15.0	90.0	0.15	0.87
2010	Spain	45	1,500	82.7	10.0	7.0	85.0	12.0	88.0	0.18	0.86
2010	Canada	34	1,400	81.4	10.0	6.0	81.0	10.0	85.0	0.20	0.87
2010	Australia	22	1,100	81.2	12.0	5.5	85.0	8.0	80.0	0.22	0.86
2010	South Korea	47	1,000	81.1	10.0	3.5	90.0	12.0	95.0	0.10	0.88
2010	Sweden	9.2	450	82.3	7.0	4.0	90.0	20.0	98.0	0.08	0.92
2010	Norway	4.6	350	82.1	6.0	3.5	88.0	25.0	99.0	0.05	0.93
2010	Denmark	5.5	300	81.1	6.0	3.0	87.0	22.0	97.0	0.06	0.92
2010	Finland	5.3	250	81.2	6.0	3.0	86.0	20.0	96.0	0.07	0.91
2010	Netherlands	16.5	500	81.2	7.0	4.0	90.0	18.0	98.0	0.09	0.91
2010	Belgium	10.5	400	81.2	8.0	4.5	89.0	15.0	95.0	0.11	0.90
2010	Switzerland	7.5	400	83.4	5.0	3.0	88.0	20.0	99.0	0.04	0.94
2010	Austria	8.5	350	81.1	7.0	3.5	87.0	18.0	97.0	0.06	0.92
2010	Portugal	10.6	200	78.5	12.0	7.0	85.0	10.0	88.0	0.25	0.82
2010	Greece	11.1	180	78.4	13.0	15.0	82.0	8.0	85.0	0.30	0.80
2010	Ireland	4.1	200	81.1	10.0	5.0	85.0	12.0	90.0	0.15	0.87
2010	New Zealand	4.1	150	81.1	12.0	4.5	85.0	10.0	88.0	0.18	0.86
2010	South Africa	49.8	200	54.8	35.0	25.0	60.0	5.0	45.0	0.90	0.60
2010	Brazil	199.3	1,800	72.7	27.0	12.0	78.0	3.0	55.0	0.70	0.65
2010	Argentina	40.1	500	75.0	18.0	8.0	85.0	5.0	70.0	0.50	0.75
2010	Chile	17.0	150	75.0	20.0	7.0	85.0	8.0	75.0	0.40	0.70
2010	Colombia	42.0	100	74.0	22.0	10.0	75.0	10.0	65.0	0.60	0.65
2010	Venezuela	26.3	250	73.0	25.0	12.0	70.0	12.0	60.0	0.70	0.60
2010	Ecuador	13.0	50	73.0	28.0	15.0	65.0	15.0	55.0	0.80	0.55
2010	Peru	28.4	150	73.0	30.0	18.0	60.0	18.0	50.0	0.90	0.50
2010	Bolivia	9.7	40	71.0	35.0	20.0	55.0	20.0	45.0	1.00	0.45
2010	Paraguay	6.7	30	71.0	38.0	22.0	50.0	22.0	40.0	1.10	0.40
2010	Uruguay	3.5	100	75.0	15.0	6.0	85.0	10.0	75.0	0.30	0.75
2010	Costa Rica	4.5	50	75.0	18.0	7.0	75.0	12.0	65.0	0.40	0.65
2010	Panama	3.1	40	75.0	20.0	8.0					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	8												

Chattanooga Gas Company Annual Review Mechanism ("ARM") Chattanooga Gas Company - Income Statement - FERC vs Actual Twelve Months Ending December 31, 2020 Schedule 19.1a			
Statement of Income		Column F	Column G
2020-12-31		GL8	GL8
Chattanooga Gas Company		2020-12-31	2020-12-31
FERC vs ACTUAL		FERC	ACTUAL
Utility Operating Income			
480	Residential Sales	31,602,019.40	31,602,019.40
481	Commercial & Industrial Sales	26,987,154.11	26,987,154.11
482	Other Sales to Public Authorities	-	-
483	Sales for Resale	-	-
484	Interdepartmental Sales	-	-
	Total Gas Service Revenues	57,589,173.51	57,589,173.51
487	Forfeited Discounts	485,319.29	485,319.29
488	Misc. Service Revenues	2,561,239.97	2,561,239.97
489	Rev. from Trans of Gas of Others	9,026,082.54	9,026,082.54
492	Incidental Gasoline and Oil Sales	-	-
493	Rent from Gas Property	-	-
495	Other Gas Revenues	-	-
	Total Other Operating Revenues	12,072,641.80	12,072,641.80
400	TOTAL Gas Operating Revenues	70,086,089.80	70,086,089.80
Utility Operating Expenses			
401	Operation Expenses	47,814,448.07	41,043,770.27
402	Maintenance Expenses	3,620,234.41	2,977,054.86
403	Depreciation Expense	9,049,089.94	8,462,331.48
404-405	Amort. & Depl. of Utility Plant	-	-
406	Amort. of Utility Plant Acq. Adj.	-	-
	Amort. of Property Losses, Unrecovered Plant and Regulatory Study Costs	-	-
407.1	Regulatory Study Costs	-	-
407.2	Amort. of Conversion Expenses	-	-
407.3	Regulatory Debts	-	-
407.4	(Less) Regulatory Credits	-	-
408.1	Taxes Other Than Income Taxes	3,976,308.42	3,781,927.30
409.1	Income Taxes - Federal	758,011.00	758,011.00
409.2	Income taxes on other income-Fer	(453,146.91)	(458,519.27)
409.1	Income Taxes - Federal	344,864.49	299,491.73
409.1	Income Taxes - Other	316,043.00	316,043.00
409.2	Income taxes on other income-oth	(128,047.69)	(129,565.80)
409.1	Income Taxes - Other	187,896.32	186,477.12
410.1	Provision for Deferred Income Taxes	(1,273,215.00)	(1,273,216.00)
411.1	(Less) Provision for Deferred Income Taxes-Cr.	-	-
411.4	Investment Tax Credit Adj. - Net	-	-
411.6	(Less) Gains from Disp. of Utility Plant	-	-
411.7	Losses from Disp. of Utility Plant	-	-
411.8	(Less) Gains from Disposition of Allowances	-	-
411.9	Losses from Disposition of Allowances	-	-
	Total Utility Operating Expenses	63,079,825.65	55,426,937.76
	Allocated Costs	-	7,662,865.87
	Net Operating Income (Loss)	7,006,264.15	6,996,266.17
Other Income (Deductions)			
Nonutility Operating Income			
415	Miscing, jobbi Revenues From Merchandising, Ji	-	-
416	Costs & Exp(Less) Costs and Exp. of Merchan	-	-
417	Revenues From Nonutility Operations (417)	-	-
417.1	(Less) Expenses of Nonutility Operations (417.1)	-	-
418	Nonoperating/Nonoperating Rental Income (418)	-	-
418.1	Equity earnin Equity in Earnings of Subsidiary C	9,792.02	9,792.02
419	Interest and Dividend Income (419)	-	-
419.1	Allowance for Other Funds Used During Const	340,427.83	340,427.83
421	Miscellaneous Nonoperating Income (421)	1,089,491.99	1,089,491.99
421.1	Gain on Disposition of Property (421.1)	(16,805.96)	-
419-421.1	Other Income	1,422,814.96	1,439,620.94
Other deductions			
425	Loss on Disposition of Property (421.2)	-	-
425	Miscellaneous Amortization	-	-
426.1-426.5	Miscellaneous Income Deductions	(62.88)	-
	Total Other Income Deductions	(62.88)	-
	Taxes Applicable to Other Income and Deductions	-	-
	Total basis for income tax	1,422,752.00	1,439,620.94
408.2	Taxes Other Than Income Taxes	-	-
409.2	Income Taxes Fed Other Inc. and Ded (409.2)	-	-
409.2	Income Taxes-Federal (409.2)	(453,146.91)	(458,519.27)
409.2	Total Income Taxes-Federal (409.2)	(453,146.91)	(458,519.27)
409.2	Income Taxes-Other (409.2)	(128,047.69)	(129,565.80)
	Provision for Deferred Inc. Taxes (410.2)	-	-
	(Less) Provision for Deferred Income Taxes-Cr. (411.2)	-	-
	Investment Tax Credit Adj.-Net (411.5)	-	-
	(Less) Investment Tax Credits (420)	-	-
409.2	Total Taxes on Other Inc. and Ded.	(581,194.19)	(588,086.15)
	Net Other Income (Deductions)	841,557.81	851,535.79
Interest Charges			
427	Interest on Long-Term Debt	-	-
428	Amort. of Debt Disc. and Expense	-	-
428.1	Amortization of Loss on Reacquired Debt	-	-
429	(Less) Amort. of Premium on Debt-Credit (429)	-	-
429.1	(Less) Amortization of Gain on Reacquired Debt	-	-
430	Interest on Debt to Assoc. Companies	3,933,387.06	3,933,387.06
431	Other Interest Expense	217,223.03	217,223.03
432	(Less) Allow. for Borrowed Funds Used Durk	(151,259.87)	(151,259.87)
	Net Interest Charges	3,989,350.22	3,989,350.22
Income Before Extraordinary Items			
Extraordinary Items			
	Extraordinary Income (434)	-	-
	(Less) Extraordinary Deductions (435)	-	-
	Net Extraordinary Items	-	-
	Income Taxes Federal and Other (409.3)	-	-
	Extraordinary Items After Taxes	-	-
	Net Income (Loss)	3,858,951.44	3,858,951.44

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Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Capital Expenditures by Category
Twelve Months Ending December 31, 2020
Schedule 22

Line No.	Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
Capital Expenditures Classified as:														
1	A - Safety	1,833.00	11,833.00	51,833.00	152,846.00	256,833.00	301,833.00	660,788.00	296,833.00	271,833.00	146,833.00	51,833.00	315,792.00	2,520,923
2	B - Regulatory	28,916.00	-	215,000.00	540,000.00	555,000.00	530,000.00	193,107.00	60,000.00	30,000.00	20,000.00	15,000.00	133,107.00	2,320,130
3	C - Reliability/Integrity	351,232.82	319,112.09	1,123,242.10	1,786,007.89	3,101,690.15	2,965,474.88	3,174,811.95	3,254,135.31	2,416,580.44	1,921,120.55	1,325,467.60	1,163,752.71	22,902,629
4	D - Obsolescence/Upgrades	25,224.44	19,863.44	49,863.44	27,827.44	29,863.44	29,863.44	29,863.44	29,863.44	29,863.44	19,863.44	19,863.44	19,863.44	331,686
5	E - Productivity	250,770.68	289,442.94	431,155.71	619,624.96	452,943.21	429,255.28	373,574.69	357,001.43	359,911.17	328,723.02	251,671.57	190,849.10	4,334,924
6	F - Business Projects/Programs	137,837.33	128,888.77	190,289.02	242,549.19	280,693.22	285,091.27	264,506.27	263,640.31	231,261.72	203,162.75	193,085.76	237,471.70	2,658,477
7	Total Expenditures	795,814.28	769,140.24	2,061,383.27	3,368,855.48	4,677,023.03	4,541,517.87	4,696,651.34	4,261,473.50	3,339,449.78	2,639,702.77	1,856,921.37	2,060,835.96	35,068,769

* Please see Schedule 14.1 for monthly plant additions by plant account for the historic base period.

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Allocated Cost Adjustment
Twelve Months Ending December 31, 2020

Line No.	Description		January	February	March	April	May	June	July	August	September	October	November	December	Total
AGSC Allocated Factor															
1	Allocated Costs	a/	593,980	588,070	744,676	588,564	553,560	626,170	591,539	568,621	701,674	635,531	673,730	796,752	7,662,866
2	447011 Non-Service Cost Pension Allocated	a/	(16,438)	(27,781)	(5,669)	(22,039)	(21,923)	(21,847)	(21,454)	(21,397)	(21,392)	(21,478)	(21,447)	(21,618)	(244,482)
3			577,541.95	560,288.58	739,007.02	566,524.73	531,636.80	604,322.50	570,084.97	547,223.77	680,282.87	614,053.90	652,283.11	775,133.32	7,418,384
Total Amount Subject to Allocation AGSC															
4	Allocated Costs	b/	27,366,612	23,801,092	36,068,906	23,860,502	21,409,843	25,962,855	24,144,265	21,857,151	29,880,550	25,437,658	27,332,985	33,657,702	320,780,122
5	447011 Non-Service Cost Pension Allocated	b/	(1,099,983)	(1,858,759)	(365,119)	(1,419,703)	(1,424,898)	(1,424,124)	(1,414,591)	(1,414,591)	(1,414,591)	(1,421,917)	(1,421,917)	(1,421,917)	(16,102,110)
6			26,266,628	21,942,332	35,703,786	22,440,800	19,984,946	24,538,731	22,729,674	20,442,560	28,465,958	24,015,742	25,911,068	32,235,785	304,678,011
7	% Allocated to CGC		2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	2.43%
AGSC Incentive Compensation Adjustment															
Allocated Expense - AGSC															
8	AIP	c/	(73,617)	(78,050)	(40,303)	(31,750)	(27,884)	(45,778)	(33,764)	(30,400)	(91,819)	(47,630)	(80,279)	(93,990)	(675,265)
9	LTI	c/	(5,527)	(9,325)	(164,004)	(11,131)	(10,032)	(8,988)	(7,143)	(10,201)	(13,725)	(8,843)	(8,333)	(17,920)	(275,173)
10	AIP/LTI Payroll Tax	c/	(4,963)	(9,422)	(5,990)	(2,155)	(1,961)	(2,509)	(1,946)	(2,000)	(3,760)	(2,477)	(3,198)	(5,253)	(45,635)
Allocated Expense - SCS															
11	AIP	c/	(13,796)	(10,936)	(8,050)	(7,703)	(10,730)	(9,841)	(15,315)	(10,677)	(23,434)	(11,401)	(12,279)	(21,388)	(155,551)
12	LTI	c/	(2,782)	(2,721)	(60,362)	(7,039)	(1,327)	(3,619)	(3,846)	(3,985)	(8,759)	(4,194)	(3,951)	(8,688)	(111,272)
13	AIP/LTI Payroll Tax	c/	(859)	(720)	(1,772)	(704)	(681)	(627)	(1,452)	(1,344)	(2,750)	(917)	(1,053)	(3,063)	(15,942)
14	Allocated Cost- Incentive Pay Adjustment		(101,545)	(111,174)	(280,481)	(60,480)	(52,615)	(71,362)	(63,466)	(58,607)	(144,248)	(75,463)	(109,094)	(150,302)	(1,278,837)
AGSC Pension/OPEB Adjustment															
15	Total Pension Expense	d/	(16,726)	(19,911)	(17,380)	(19,958)	(21,046)	(19,389)	(19,510)	(21,161)	(18,814)	(20,167)	(19,986)	(18,709)	(232,757)
16	Pension Payments														268,442
17	Total Pension Adjustment														35,685
18	670503 Other Post Retirement Benefits	d/	(585)	(680)	(428)	(622)	(656)	(607)	(618)	(660)	(589)	(630)	(620)	(593)	(7,288)
19	OPEB Payments	d/	3,394	3,550	2,624	583	3,219	2,969	2,250	(473)	3,299	2,004	2,923	6,844	33,187
20	Total OPEB Adjustment		2,809	2,870	2,196	(39)	2,563	2,362	1,632	(1,133)	2,710	1,373	2,303	6,251	25,899
21	Total Pension/OPEB Adjustment		(13,917)	(17,041)	(15,184)	(19,997)	(18,483)	(17,027)	(17,878)	(22,294)	(16,104)	(18,794)	(17,683)	(12,458)	61,584
AGSC Lobbying Expense, Charitable Contributions & Social Club Membership Adjustment															
22	a. Lobbying Expense	e/	(19,795)	(15,766)	(15,477)	(12,432)	(12,821)	(14,032)	(15,328)	(14,742)	(19,246)	(14,479)	(15,676)	(33,999)	(203,792)
23	b. Charitable Contribution	e/	-	-	-	-	-	-	-	-	-	-	-	-	-
24	c. Social Club Membership	e/	-	-	-	-	-	-	-	-	-	-	-	-	-
25	d. Athletic Events	e/	-	-	-	-	-	-	-	-	-	-	-	-	-
26	Total Adjustment		(19,795)	(15,766)	(15,477)	(12,432)	(12,821)	(14,032)	(15,328)	(14,742)	(19,246)	(14,479)	(15,676)	(33,999)	(203,792)
AGSC Advertising Expense Adjustment															
27	Allocated Advertising and Outreach Adjustment	f/	(244)	(1,846)	(567)	(1,303)	(633)	(3,003)	(849)	(801)	(1,409)	(884)	(3,467)	(1,761)	(16,767)
AGSC Fines & Penalties Adjustment															
28	Fines and Penalties	g/	-	(15)	(24)	-	-	-	(13)	-	(2)	-	-	-	(54)
															<u>(1,437,866)</u>

a/ Chattanooga Gas Company detailed Income Statement Schedule 15
b/ AGL Services Company Income Statement Schedule 20
c/ Incentive Compensation Adjustment Schedule 27
d/ Pension and Other Post-Employment Benefits Adjustment Schedule 25
e/ Lobbying Expense, charitable contribution, social club membership Adjustment Schedule 24
f/ Advertising Expense Adjustment Schedule 26
g/ Fine and Penalties Schedule 35.9

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Lobbying, Charitable Contribution, Social Club Membership, Athletic Events
Twelve Months Ending December 31, 2020
Schedule 24**

Line No.	Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
Direct Incurred														
Total Charges														
1	a. Lobbying Expense	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
2	b. Charitable Contributions	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
3	c. Association Membership	a/ 2,431	5,283	2,243	2,952	2,024	17,129	2,209	4,212	2,243	2,763	2,243	3,263	48,993
4	d. Athletic Events	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
		2,431	5,283	2,243	2,952	2,024	17,129	2,209	4,212	2,243	2,763	2,243	3,263	48,993
Charges Excluded from Cost of Service														
5	a. Lobbying Expense	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
6	b. Charitable Contributions	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
7	c. Association Membership	a/ -	(391)	-	(351)	-	-	-	(391)	-	-	-	(391)	(1,525)
8	d. Athletic Events	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
		-	(391)	-	(351)	-	-	-	(391)	-	-	-	(391)	(1,525)
Allocated from Service Company														
Total Charges														
9	a. Lobbying Expense	a/ 19,795	15,766	15,477	12,432	12,821	14,032	15,328	14,742	19,246	14,479	15,676	33,999	203,792
10	b. Charitable Contributions	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
11	c. Association Membership	a/ 2,558	1,908	1,063	2,336	1,397	1,344	731	1,324	1,873	617	749	1,733	17,634
12	d. Athletic Events	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
		22,353	17,674	16,540	14,768	14,219	15,376	16,058	16,066	21,119	15,096	16,424	35,732	221,426
Charges Excluded from Cost of Service														
13	a. Lobbying Expense	a/ (19,795)	(15,766)	(15,477)	(12,432)	(12,821)	(14,032)	(15,328)	(14,742)	(19,246)	(14,479)	(15,676)	(33,999)	(203,792)
14	b. Charitable Contributions	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
15	c. Association Membership	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
16	d. Athletic Events	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
		(19,795)	(15,766)	(15,477)	(12,432)	(12,821)	(14,032)	(15,328)	(14,742)	(19,246)	(14,479)	(15,676)	(33,999)	(203,792)
Total Adjustment		(19,795)	(16,157)	(15,477)	(12,783)	(12,821)	(14,032)	(15,328)	(15,133)	(19,246)	(14,479)	(15,676)	(34,390)	(205,317)

a/ Lobbying WP Schedule 24.1

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Lobbying Workpaper
Twelve Months Ending December 31, 2020
Schedule 24.1

Line No.	Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
Direct Incurred														
Total Charges														
1	a. Lobbying Expense	-	-	-	-	-	-	-	-	-	-	-	-	-
2	b. Charitable Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-
3	c. Association Membership	2,431	5,283	2,243	2,952	2,024	17,129	2,209	4,212	2,243	2,763	2,243	3,263	48,993
4	670800 Association and Club Dues-Comp	2,181	5,283	2,243	2,024	2,024	2,024	2,024	4,212	2,243	2,168	2,243	2,168	30,835
5	670805 AssociationandClub Dues-Employee	a/ 250	-	-	315	-	-	185	-	-	595	-	1,095	2,440
6	670806 General Dues and Subscriptions	a/ -	-	-	613	-	15,105	-	-	-	-	-	-	15,718
7	d. Athletic Events	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
Charges Excluded from Cost of Service														
8	a. Lobbying Expense	-	-	-	-	-	-	-	-	-	-	-	-	-
9	b. Charitable Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-
10	c. Association Membership	-	391	-	351	-	-	-	391	-	-	-	391	1,525
11	American Gas Association	b/ -	6,314	-	5,657	-	-	-	6,314	-	-	-	6,314	24,597
12	% lobbying	b/ 6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%
13	Total Dues to Associations - Lobby related activities	-	391	-	351	-	-	-	391	-	-	-	391	1,525
14	d. Athletic Events	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Direct Charges Adjustment	-	391	-	351	-	-	-	391	-	-	-	391	1,525
Allocated from Service Company														
Total Charges														
16	a. Lobbying Expense	19,795	15,766	15,477	12,432	12,821	14,032	15,328	14,742	19,246	14,479	15,676	33,999	203,792
17	Government Affairs (AGLC-CGC)													
18	Fixed Compensation	c/ 9,675	8,658	9,852	9,857	9,398	9,857	10,307	9,398	9,857	9,852	9,403	10,530	116,644
19	670591 LTI Awards - Other	c/ -	-	-	-	-	-	-	-	-	-	-	-	-
20	670590 AIP Bonus	c/ 8,098	7,086	5,061	3,037	2,531	4,188	3,229	2,691	8,588	4,427	6,624	8,992	64,553
21	670594 Other/Sales Bonuses	c/ -	-	-	-	-	-	-	-	-	-	-	13,063	13,063
22	Benefits	c/ 3,579	1,910	1,777	1,701	2,556	2,272	2,098	2,002	2,506	2,398	2,165	3,822	28,783
23	Office Administration and Supply	c/ -	-	-	-	-	-	-	-	-	-	-	-	-
24	Development and Training	c/ -	-	-	-	-	-	-	-	-	-	-	-	-
25	Dues and Subscriptions	c/ -	-	-	-	-	-	-	2,800	-	-	-	-	2,800
26	Travel and Entertainment	c/ 335	81	712	64	-	-	124	-	119	74	-	-	1,509
27	Miscellaneous Operation Exp	c/ -	-	-	-	505	-	1,500	-	-	-	94	-	2,099
28	670150 Admin&Gen Salaries-Capitalized	c/ (1,919)	(1,719)	(1,997)	(1,954)	(1,865)	(1,954)	(2,043)	(1,865)	(1,954)	(1,954)	(1,865)	(2,043)	(23,132)
29	Benefits Capitalized	c/ (1,102)	(987)	(1,146)	(1,122)	(1,071)	(1,122)	(1,173)	(1,071)	(1,122)	(1,122)	(1,071)	(1,173)	(13,279)
30	Taxes Other Than Income	c/ 886	510	507	535	512	515	857	522	515	210	(10)	232	5,791
31	672552 Allocated Ext Relations - SCS	c/ 244	227	712	314	256	275	428	265	736	594	336	575	4,961
32	b. Charitable Contributions	c/ -	-	-	-	-	-	-	-	-	-	-	-	-
33	c. Association Membership	2,558	1,908	1,063	2,336	1,397	1,344	731	1,324	1,873	617	749	1,733	17,634
34	670800 Association and Club Dues-Comp	d/ 62,945	26,270	28,440	23,787	3,500	11,006	-	28,237	7,720	7,061	11,600	37,144	247,709
35	670805 AssociationandClub Dues-Employee	d/ 7,767	13,250	15,243	21,562	2,698	6,620	2,716	4,531	16,435	6,495	8,211	21,992	127,521
36	670806 General Dues and Subscriptions	d/ 45,624	35,221	7,683	47,177	46,335	36,964	26,410	16,696	54,225	10,583	9,932	12,933	349,784
37	Total Costs	116,336	74,740	51,366	92,526	52,534	54,589	29,127	49,464	78,380	24,139	29,743	72,069	725,014
38	Allocation Factor	e/ 2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
39	Total Allocated Costs	2,558	1,908	1,063	2,336	1,397	1,344	731	1,324	1,873	617	749	1,733	17,634
40	d. Athletic Events	-	-	-	-	-	-	-	-	-	-	-	-	-
		22,353	17,674	16,540	14,768	14,219	15,376	16,058	16,066	21,119	15,096	16,424	35,732	221,426
Charges Excluded from Cost of Service														
41	a. Lobbying Expense	19,795	15,766	15,477	12,432	12,821	14,032	15,328	14,742	19,246	14,479	15,676	33,999	203,792
42	b. Charitable Contributions	-	-	-	-	-	-	-	-	-	-	-	-	-
43	c. Association Membership	-	-	-	-	-	-	-	-	-	-	-	-	-
44	d. Athletic Events	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Allocated Charges Adjustment	19,795	15,766	15,477	12,432	12,821	14,032	15,328	14,742	19,246	14,479	15,676	33,999	203,792

a/ Chattanooga Gas Company detailed Income Statement Schedule 19
b/ America Gas Association Invoice
c/ Lobbying WP - Dept 1637 - Schedule 24.1
d/ AGL Services Company Income Statement Schedule 20
e/ Allocated Cost Adjustment Schedule 23.1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Lobbying Portion of Organization Dues WP
Twelve Months Ending December 31, 2020
Schedule 24.3

2020								
GL	Account	Transaction/Expense Description	Payee	Amount	Date paid	Purpose for the Expense	Lobbying %	
GL8	670800	MEMBERSHIP	SOUTHERN GAS ASSOCIATION	760	2/1/2020	Membership Dues		
GL8	670800	Blanket Request for AGA 2019	AMERICAN GAS ASSOCIATION	6,314	2/1/2020	Dues for 2020 Membership year - 2020Q1	6.20%	391
GL8	670800	Blanket Request for AGA 2019	AMERICAN GAS ASSOCIATION	5,657	4/20/2020	Dues for 2020 Membership year - 2020Q2	6.20%	351
GL8	670800	Blanket Request for AGA 2019	AMERICAN GAS ASSOCIATION	6,314	8/20/2020	Dues for 2020 Membership year - 2020Q3	6.20%	391
GL8	670800	Blanket Request for AGA 2019	AMERICAN GAS ASSOCIATION	6,314	12/1/2020	Dues for 2020 Membership year - 2020Q4	6.20%	391
				25,357			Lobbying Portion of Organization Dues	1,525

*Removal of the lobbying portion of Association and Club Dues-Comp

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Pension and Other Post-Employment Benefits Adjustment
Twelve Months Ending December 31, 2020
Schedule 25**

Line No.	Description		January	February	March	April	May	June	July	August	September	October	November	December	Total
Direct Incurred															
Adjusted Cost of Service															
1	Total Pension Expense	a/	(20,218)	(20,218)	(20,221)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(242,625)
2	Pension Payments	a/	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	22,144
3	Total Pension Adjustment		(18,373)	(18,372)	(18,375)	(18,373)	(18,373)	(18,373)	(18,373)	(18,373)	(18,373)	(18,373)	(18,373)	(18,373)	(220,481)
Adjusted Cost of Service															
4	670503 Other Post Retirement Benefits	b/	(1,281)	(1,280)	(1,588)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(16,595)
5	OPEB Payments	b/	57,906	41,340	(19,449)	6,106	9,622	10,071	9,060	9,058	7,866	7,838	8,008	52,189	199,615
6	Total OPEB Adjustment		56,625	40,060	(21,037)	4,723	8,239	8,688	7,677	7,675	6,483	6,455	6,625	50,806	183,020
Allocated from Service Company															
Adjusted Cost of Service															
7	Total Pension Expense	a/	(16,726)	(19,911)	(17,380)	(19,958)	(21,046)	(19,389)	(19,510)	(21,161)	(18,814)	(20,167)	(19,986)	(18,709)	(232,757)
8	Pension Payments														268,442
9	Total Pension Adjustment														35,685
Adjusted Cost of Service															
10	670503 Other Post Retirement Benefits	b/	(585)	(680)	(428)	(622)	(656)	(607)	(618)	(660)	(589)	(630)	(620)	(593)	(7,288)
11	OPEB Payments	b/	3,394	3,550	2,624	583	3,219	2,969	2,250	(473)	3,299	2,004	2,923	6,844	33,187
12	Total OPEB Adjustment		2,809	2,870	2,196	(39)	2,563	2,362	1,632	(1,133)	2,710	1,373	2,303	6,251	25,899
13	Total Pension/OPEB Adjustment		59,434	42,930	(18,841)	4,684	10,803	11,050	9,309	6,543	9,193	7,829	8,928	57,057	24,123

a/ Pension Detail Workpaper Schedule 25.1

b/ Other Post Retirement Benefits Workpaper Schedule 25.3

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Pension Detail Workpaper
Twelve Months Ending December 31, 2020
Schedule 25.1

Line No.	Description		January	February	March	April	May	June	July	August	September	October	November	December	Total
Direct Incurred															
Total Charges															
1	670450 Pensions	a/	\$ 20,218	\$ 20,218	\$ 20,221	\$ 20,219	\$ 20,219	\$ 20,219	\$ 20,219	\$ 20,219	\$ 20,219	\$ 20,219	\$ 20,219	\$ 20,219	\$ 242,625
2	670451 Non-Qualified Pension Plan	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
			20,218	20,218	20,221	20,219	20,219	20,219	20,219	20,219	20,219	20,219	20,219	20,219	242,625
Adjusted Cost of Service															
3	Total Pension Expense		(20,218)	(20,218)	(20,221)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(20,219)	(242,625)
4	Pension Payments	b/	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	1,845	22,144
5	Total Pension Adjustment		\$ (18,373)	\$ (18,372)	\$ (18,375)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (18,373)	\$ (220,481)
Allocated from Service Company															
Total Charges															
6	670450 Pensions	c/	\$ 754,622	\$ 754,622	\$ 754,664	\$ 754,636	\$ 754,636	\$ 754,636	\$ 754,636	\$ 754,636	\$ 754,636	\$ 754,636	\$ 754,636	\$ 754,636	\$ 9,055,632
7	670451 Non-Qualified Pension Plan	c/	99,671	99,672	187,413	128,919	128,919	128,919	128,919	128,919	128,919	128,919	128,919	128,919	1,547,024
8	670459 Pension - Distributed	c/	781,248	790,045	766,552	779,282	779,282	779,282	779,282	779,282	779,282	779,282	779,282	779,282	9,351,380
9	670490 Pension Benefits Offset	c/	(781,248)	(781,247)	(775,350)	(779,282)	(779,282)	(779,282)	(779,282)	(779,282)	(779,282)	(779,282)	(779,282)	(779,282)	(9,351,380)
10	Total Pension Expense		\$ 854,293	\$ 863,092	\$ 933,279	\$ 883,555	\$ 883,555	\$ 883,555	\$ 883,555	\$ 883,555	\$ 883,555	\$ 883,555	\$ 883,555	\$ 883,555	\$ 10,602,656
11	670512 Pensions-Capitalized	c/	(93,608)	(83,337)	(93,592)	(92,994)	(92,408)	(96,246)	(105,680)	(93,043)	(96,283)	(94,820)	(89,645)	(105,479)	(1,137,134)
12	Adjusted Cost of Service Net Pension Expense		(760,685)	(779,755)	(839,687)	(790,561)	(791,146)	(787,309)	(777,875)	(790,512)	(787,271)	(788,735)	(793,910)	(778,076)	(9,465,522)
13	Allocation Factor	d/	2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
14	AGSC Pension Adjustment		\$ (16,726)	\$ (19,911)	\$ (17,380)	\$ (19,958)	\$ (21,046)	\$ (19,389)	\$ (19,510)	\$ (21,161)	\$ (18,814)	\$ (20,167)	\$ (19,986)	\$ (18,709)	\$ (232,757)
15	Pension Cash Contribution (1/5)														268,442
16	Total AGSC Pension Adjustment														\$ 35,685
17	Total Adjustment														\$ (184,796)

a/ Chattanooga Gas Company detailed Income Statement Schedule 19
b/ Pension Payment Workpaper Schedule 35.4
c/ AGL Services Company Income Statement Schedule 20
d/ Allocated Cost Adjustment Schedule 23.1

Exhibit GT-1

**Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Deferred Pension Contribution
Twelve Months Ending December 31, 2020
Schedule 25.2**

Line No.	Description	Total
1	Net Cash Contributions Allocated to CGC (2019) a/	1,342,212
2	5 Year Amortization a/	268,442
3	December 2019 Rate Base Deferral	1,073,769
	January	1,051,399
	February	1,029,029
	March	1,006,659
	April	984,289
	May	961,918
	June	939,548
	July	917,178
	August	894,808
	September	872,438
	October	850,067
	November	827,697
	December 2020 Rate Base Deferral	805,327
	13-Month Average	939,548
4	Deferred Tax Impacts	(245,551)
5	Net Rate Base	693,997

a/ 2019 Deferred Pension Contribution and amortization as approved in Docket 20-00049

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Other Post Retirement Benefits Workpaper
Twelve Months Ending December 31, 2020
Schedule 25.3

Line No.	Description		January	February	March	April	May	June	July	August	September	October	November	December	Total
Direct Incurred															
1	Total Charges														
	670503 Other Post Retirement Benefits	a/	1,281	1,280	1,588	1,383	1,383	1,383	1,383	1,383	1,383	1,383	1,383	1,383	16,595
Adjusted Cost of Service															
2	670503 Other Post Retirement Benefits		(1,281)	(1,280)	(1,588)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(1,383)	(16,595)
3	OPEB Payments	b/	57,906	41,340	(19,449)	6,106	9,622	10,071	9,060	9,058	7,866	7,838	8,008	52,189	199,615
4	Total OPEB Adjustment		56,625	40,060	(21,037)	4,723	8,239	8,688	7,677	7,675	6,483	6,455	6,625	50,806	183,020
Allocated from Service Company															
Total Charges															
5	670503 Other Post Retirement Benefits	c/	26,626	26,626	20,685	24,646	24,646	24,646	24,646	24,646	24,646	24,646	24,646	24,646	295,748
Adjusted Cost of Service															
6	670503 Other Post Retirement Benefits		(26,626)	(26,626)	(20,685)	(24,646)	(24,646)	(24,646)	(24,646)	(24,646)	(24,646)	(24,646)	(24,646)	(24,646)	(295,748)
7	OPEB Payments	b/	154,381	139,020	126,774	23,109	121,009	120,559	89,726	(17,663)	138,037	78,362	116,120	284,620	1,374,054
8	Total AGSC OPEB Adjustment		127,755	112,394	106,089	(1,537)	96,363	95,913	65,080	(42,309)	113,391	53,716	91,474	259,974	1,078,306
9	Allocation Factor	d/	2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
10	Total AGSC OPEB Adjustment		2,809	2,870	2,196	(39)	2,563	2,362	1,632	(1,133)	2,710	1,373	2,303	6,251	25,899
11	Total Adjustment		59,434	42,930	(18,841)	4,684	10,803	11,050	9,309	6,543	9,193	7,829	8,928	57,057	208,919

a/ Chattanooga Gas Company detailed Income Statement Schedule 19
b/ Schedule 35.3 Other Post Retirement Benefits Payments Workpaper
c/ AGL Services Company Income Statement Schedule 20
d/ Allocated Cost Adjustment Schedule 23.1

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Advertising Expense
Twelve Months Ending December 31, 2020
Schedule 26

Line No.	Description		January	February	March	April	May	June	July	August	September	October	November	December	Total
Chattanooga Gas Company															
1	a. Institutional Advertising	a/	-	1,022	2,895	28,265	250	400	-	600	-	10,600	47,108	-	91,140
2	b. Conservation	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
3	c. Informational	a/	295	-	-	-	-	-	-	-	1,264	-	-	-	1,560
4	d. Promotional	a/	(19,207)	2,887	3,500	3,500	1,000	2,700	7,000	4,000	7,500	2,500	7,000	7,800	30,180
5	e. Promotional for Sale of Appliances		-	-	-	-	-	-	-	-	-	-	-	-	-
6	Total		(18,912)	3,909	6,395	31,765	1,250	3,100	7,000	4,600	8,764	13,100	54,108	7,800	122,880
Amount Included in ARM Filing															
7	a. Institutional Advertising	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
8	b. Conservation	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
9	c. Informational	a/	295	-	-	-	-	-	-	-	1,264	-	-	-	1,560
10	d. Promotional	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
11	e. Promotional for Sale of Appliances	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Total		295	-	-	-	-	-	-	-	1,264	-	-	-	1,560
13	Promotional Advertising Adjustment		19,207	(3,909)	(6,395)	(31,765)	(1,250)	(3,100)	(7,000)	(4,600)	(7,500)	(13,100)	(54,108)	(7,800)	(121,320)
Allocated Advertising Expense															
14	a. Institutional Advertising	a/	6,251	51,678	13,657	36,145	800	7,685	10,051	10,156	8,075	3,100	8,799	6,347	162,743
15	b. Conservation	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
16	c. Informational	a/	-	795	(231)	-	-	-	-	-	10,279	399	-	-	11,242
17	d. Promotional	a/	4,843	20,625	13,738	15,452	23,000	114,270	23,794	19,776	50,868	31,488	128,907	66,904	513,665
18	e. Promotional for Sale of Appliances	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Total		11,094	73,097	27,164	51,597	23,800	121,955	33,845	29,932	69,222	34,987	137,706	73,251	687,650
Amount Included in ARM Filing															
20	a. Institutional Advertising	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
21	b. Conservation	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
22	c. Informational	a/	-	795	(231)	-	-	-	-	-	10,279	399	-	-	11,242
23	d. Promotional	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
24	e. Promotional for Sale of Appliances	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Total		-	795	(231)	-	-	-	-	-	10,279	399	-	-	11,242
26	Promotional Advertising Adjustment		(11,094)	(72,302)	(27,395)	(51,597)	(23,800)	(121,955)	(33,845)	(29,932)	(58,943)	(34,588)	(137,706)	(73,251)	(676,408)
27	Allocation Factor	b/	2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
28	Promotional Advertising Adjustment		(244)	(1,846)	(567)	(1,303)	(633)	(3,003)	(849)	(801)	(1,409)	(884)	(3,467)	(1,761)	(16,767)

a/ Allocated Advertising Workpaper Schedule 26.1

b/ Allocated Cost Adjustment Schedule 23.1

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Advertising-Allocated Workpaper
Twelve Months Ending December 31, 2020
Schedule 26.1

Line No.	Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
Chattanooga Gas Company														
1	660003 Misc Sales Promotion	a/ 1,400	3,900	3,500	3,500	1,000	2,700	7,000	-	7,500	2,500	7,000	7,800	47,800
2	660004 Advertising TV and Radio	a/ -	-	-	-	-	-	-	4,000	-	-	-	-	4,000
3	660005 Advertising-Print	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
4	660006 Marketing- Direct Mail and Email	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
5	660012 Sponsorships Events and Tradeshows	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
6	660013 Seminar and Conference Fees	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
7	660016 Education and Outreach Program	a/ 295	-	-	-	-	-	-	-	1,264	-	-	-	1,560
8	660130 Advertising- Other	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
9	660300 Marketing Expenses-General	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
10	660400 Vendor and Agency Support	a/ (20,607)	(1,013)	-	-	-	-	-	-	-	-	-	-	(21,620)
11	Marketing Admin and Support	(18,912)	2,887	3,500	3,500	1,000	2,700	7,000	4,000	8,764	2,500	7,000	7,800	31,740
12	Advertising	(19,207)	2,887	3,500	3,500	1,000	2,700	7,000	4,000	7,500	2,500	7,000	7,800	30,180
13	670120 Civic Participation-Other	a/ -	490	-	25,265	-	400	-	-	-	-	-	-	26,155
14	670121 Civic Participation-Education	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
15	670122 Civic Participation-Commun Dev	a/ -	532	2,895	3,000	250	-	-	600	-	10,600	47,108	-	64,986
16	670750 Institution or Goodwill Adv. E	a/ -	-	-	-	-	-	-	-	-	-	-	-	-
17	Advertising	(19,207)	3,909	6,395	31,765	1,250	3,100	7,000	4,600	7,500	13,100	54,108	7,800	121,320
18	a. Institutional Advertising	-	1,022	2,895	28,265	250	400	-	600	-	10,600	47,108	-	91,140
19	b. Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
20	c. Informational	295	-	-	-	-	-	-	-	1,264	-	-	-	1,560
21	d. Promotional	(19,207)	2,887	3,500	3,500	1,000	2,700	7,000	4,000	7,500	2,500	7,000	7,800	30,180
22	e. Promotional for Sale of Appliances	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Institutional and Promotional Advertising	(18,912)	3,909	6,395	31,765	1,250	3,100	7,000	4,600	8,764	13,100	54,108	7,800	122,880
Allocated Expenses														
24	660001 Residential Sales Promotion	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
25	660005 Advertising-Print	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
26	660008 Market Research and Analysis	b/ -	-	-	-	-	108,642	-	-	-	-	54,321	-	162,963
27	660009 Marketing-Channel Programs	b/ -	-	-	-	-	-	-	-	2,500	-	50,000	-	52,500
27	660012 Sponsorships Events and Tradeshows	b/ -	21,047	-	5,000	-	-	5,000	-	-	-	-	-	31,047
28	660013 Seminar and Conference Fees	b/ -	795	(231)	-	-	-	-	-	279	399	-	-	1,242
29	660014 Membership Dues and Subscriptions	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
30	660016 Education and Outreach Program	b/ -	-	-	-	-	-	-	-	10,000	-	-	-	10,000
31	660030 Online Marketing	b/ -	-	-	-	-	-	-	-	7,250	14,500	(7,250)	-	14,500
32	660180 Premiums and Promotions	b/ -	1,391	-	-	-	-	-	453	-	-	800	5,672	8,316
33	660230 Fulfillment Postage	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
34	660240 Branding	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
35	660300 Marketing Expenses-General	b/ 4,843	19,234	13,738	12,452	10,500	4,053	23,794	19,323	15,581	11,138	19,626	22,806	177,088
36	660400 Vendor and Agency Support	b/ -	-	-	3,000	12,500	1,575	-	-	25,537	5,850	11,410	38,426	98,298
37	Marketing Admin and Support	4,843	42,466	13,507	20,452	23,000	114,270	28,794	19,776	61,147	31,887	128,907	66,904	555,954
38	Advertising	\$ 4,843	\$ 41,671	\$ 13,738	\$ 20,452	\$ 23,000	\$ 114,270	\$ 28,794	\$ 19,776	\$ 50,868	\$ 31,488	\$ 128,907	\$ 66,904	\$ 544,712
39	670120 Civic Participation-Other	b/ 6,251	30,631	13,657	6,145	800	7,685	3,551	10,156	8,075	3,100	8,799	6,347	105,196
27	670121 Civic Participation-Education	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
28	670122 Civic Participation-Commun Dev	b/ -	-	-	25,000	-	-	1,500	-	-	-	-	-	26,500
29	670750 Institution or Goodwill Adv. E	b/ -	-	-	-	-	-	-	-	-	-	-	-	-
30	Advertising	11,094	72,302	27,395	51,597	23,800	121,955	33,845	29,932	58,943	34,588	137,706	73,251	676,408
31	a. Institutional Advertising	6,251	51,678	13,657	36,145	800	7,685	10,051	10,156	8,075	3,100	8,799	6,347	162,743
32	b. Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
33	c. Informational	-	795	(231)	-	-	-	-	-	10,279	399	-	-	11,242
34	d. Promotional	4,843	20,625	13,738	15,452	23,000	114,270	23,794	19,776	50,868	31,488	128,907	66,904	513,665
35	e. Promotional for Sale of Appliances	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Institutional and Promotional Advertising	11,094	73,097	27,164	51,597	23,800	121,955	33,845	29,932	69,222	34,987	137,706	73,251	687,650

a/ Chattanooga Gas Company detailed Income Statement Schedule 19
b/ AGL Services Company Income Statement Schedule 20

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Incentive Compensation and Other Payroll
Twelve Months Ending December 31, 2020
Schedule 27

Line No.	Description	January	February	March	April	May	June	July	August	September	October	November	December	Total
Chattanooga Gas Company														
1	670590 AIP Bonus	a/ 49,501	43,324	58,975	18,563	15,469	2,559	20,572	17,135	77,617	27,481	37,246	55,471	423,912
2	LTI Awards	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Total	49,501	43,324	58,975	18,563	15,469	2,559	20,572	17,135	77,617	27,481	37,246	55,471	423,912
4	Adjustment to 100%	28,948	25,336	34,488	10,855	9,046	1,497	12,031	10,020	45,390	16,071	21,781	32,439	247,901
5	Exclusion of AIP in Excess of 100%	20,553	17,988	24,487	7,707	6,423	1,063	8,542	7,114	32,227	11,410	15,465	23,032	176,010
Amount Included in ARM Filing														
6	AIP	14,474	12,668	17,244	5,428	4,523	748	6,015	5,010	22,695	8,035	10,891	16,219	123,951
7	LTI	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Total	14,474	12,668	17,244	5,428	4,523	748	6,015	5,010	22,695	8,035	10,891	16,219	123,951
9	Incentive Compensation Adjustment	(35,027)	(30,656)	(41,731)	(13,135)	(10,946)	(1,811)	(14,557)	(12,125)	(54,922)	(19,445)	(26,355)	(39,251)	(299,961)
Payroll Taxes														
8	427100 General Tax Expense-Payroll	a/ 27,955	19,885	23,525	26,095	21,904	21,021	23,759	20,626	21,947	22,316	23,735	26,733	279,502
9	Payroll Expenses	a/ 349,751	307,589	359,855	334,274	304,488	283,903	326,217	282,996	373,832	320,397	353,563	397,260	3,994,127
10	Payroll Tax Factor	7.99%	6.46%	6.54%	7.81%	7.19%	7.40%	7.28%	7.29%	5.87%	6.97%	6.71%	6.73%	
11	Variable Pay Payroll Tax	(2,800)	(1,982)	(2,728)	(1,025)	(787)	(134)	(1,060)	(884)	(3,224)	(1,354)	(1,769)	(2,641)	(20,390)
Allocated Expense - AGSC														
12	670590 AIP Bonus	b/ 4,751,274	4,337,349	2,763,557	1,784,696	1,487,484	2,637,559	1,910,326	1,611,528	5,451,576	2,843,419	4,524,357	5,546,433	39,449,558
13	Less Lobby Incentive Compensation Eliminator	c/ (8,098)	(7,086)	(5,061)	(3,037)	(2,531)	(4,188)	(3,229)	(2,691)	(8,588)	(4,427)	(6,624)	(8,992)	(64,553)
14	LTI Awards	b/ 251,351	365,173	7,923,549	440,898	377,126	364,960	284,813	381,092	574,321	345,863	331,035	745,243	12,385,424
15	Total	4,994,527	4,695,436	10,682,044	2,222,557	1,862,079	2,998,332	2,191,910	1,989,928	6,017,310	2,984,854	4,848,768	6,282,684	51,770,429
16	Allocation Factor	d/ 2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
17	Allocated AIP	104,291	110,572	57,096	44,979	39,503	64,853	47,832	43,067	130,077	67,476	113,729	133,152	956,026
18	Adjustment to 100%	61,348	65,042	33,586	26,458	23,237	38,149	28,137	25,333	76,516	39,692	66,899	78,325	562,721
20	Exclusion of AIP in Excess of 100%	42,944	45,529	23,510	18,521	16,266	26,704	19,696	17,733	53,561	27,784	46,830	54,827	393,905
Allocated Amount Included in ARM Filing														
21	AIP	73,617	78,050	40,303	31,750	27,884	45,778	33,764	30,400	91,819	47,630	80,279	93,990	675,265
22	LTI	5,527	9,325	164,004	11,131	10,032	8,988	7,143	10,201	13,725	8,843	8,333	17,920	275,173
23	Total	79,144	87,375	204,307	42,880	37,916	54,766	40,907	40,601	105,544	56,473	88,613	111,909	950,438
24	Incentive Compensation Adjustment	(79,144)	(87,375)	(204,307)	(42,880)	(37,916)	(54,766)	(40,907)	(40,601)	(105,544)	(56,473)	(88,613)	(111,909)	(950,438)
Payroll Taxes														
25	427100 General Tax Expense-Payroll	b/ 875,581	1,308,024	570,032	539,888	516,723	531,942	537,272	506,857	526,349	513,604	476,333	883,310	7,785,915
26	Payroll Expenses	b/ 13,961,774	12,130,529	19,441,592	10,745,101	9,969,671	11,610,352	11,292,621	10,291,679	14,772,879	11,707,631	13,196,952	18,616,543	157,959,323
27	Payroll Tax Factor	6.27%	10.78%	2.93%	5.02%	5.17%	4.58%	4.76%	4.92%	3.56%	4.39%	3.61%	4.69%	
28	Variable Pay Payroll Tax	(4,963)	(9,422)	(5,590)	(2,155)	(1,961)	(2,509)	(1,946)	(2,000)	(3,760)	(2,477)	(3,198)	(5,253)	(45,635)
Allocated Expense - SCS														
29	670640 Incentives SCS	b/ 1,009,061	708,945	3,463,284	707,986	617,170	708,960	1,012,189	709,849	1,745,718	791,168	843,000	1,612,401	13,929,731
30	AIP	e/ 882,530	602,368	547,011	429,175	567,301	562,020	858,861	560,984	1,379,210	627,139	686,065	1,251,071	8,953,734
31	LTI	e/ 126,531	106,577	2,916,273	278,811	49,870	146,940	153,329	148,865	366,508	164,029	156,935	361,329	4,975,997
32	Allocation Factor	d/ 2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
33	Allocated AIP	19,405	15,381	11,322	10,835	15,091	13,841	21,541	15,017	32,961	16,035	17,271	30,083	218,783
34	Adjustment to 100%	11,217	8,891	6,545	6,263	8,723	6,001	12,452	8,680	19,052	9,269	9,983	17,389	126,464
35	Exclusion of AIP in Excess of 100%	8,188	6,490	4,778	4,572	6,368	5,840	9,090	6,337	13,908	6,766	7,288	12,694	92,319
Allocated Amount Included in ARM Filing														
37	AIP	13,796	10,936	8,050	7,703	10,730	9,841	15,315	10,677	23,434	11,401	12,279	21,388	155,551
38	LTI	2,782	2,721	60,362	7,039	1,327	3,619	3,846	3,985	8,759	4,194	3,951	8,688	111,272
39	Total	16,579	13,657	68,412	14,742	12,056	13,459	19,161	14,662	32,193	15,595	16,230	30,077	266,823
40	Incentive Compensation Adjustment	(16,579)	(13,657)	(68,412)	(14,742)	(12,056)	(13,459)	(19,161)	(14,662)	(32,193)	(15,595)	(16,230)	(30,077)	(266,823)
Payroll Taxes														
41	670658 Payroll Tax SCS	b/ 184,089	161,606	156,577	163,428	169,843	157,875	233,530	292,489	369,034	204,542	211,146	302,991	2,607,150
42	SCS Fixed Compensator	b/ 2,544,715	2,355,667	2,583,112	2,715,411	2,388,674	2,681,849	2,069,722	2,480,444	2,574,040	2,685,526	2,411,083	1,363,166	28,853,408
43	SCS Bonus	b/ 1,009,061	708,945	3,463,284	707,986	617,170	708,960	1,012,189	709,849	1,745,718	791,168	843,000	1,612,401	13,929,731
44	Payroll Tax Factor	5.18%	5.27%	2.59%	4.77%	5.65%	4.66%	7.58%	9.17%	8.54%	5.88%	6.49%	10.18%	
45	Variable Pay Payroll Tax	(859)	(720)	(1,772)	(704)	(681)	(627)	(1,452)	(1,344)	(2,750)	(917)	(1,053)	(3,063)	(15,942)

a/ Chattanooga Gas Company detailed Income Statement Schedule 11
b/ AGL Services Company Income Statement Schedule 2f
c/ Lobbying Dept 1637 Workpaper Schedule 24.2
d/ Allocated Cost Adjustment Schedule 23.1
e/ SCS Incentive Compensation Workpaper Schedule 35.1

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Normalization Adjustment Other than Weather
Twelve Months Ending December 31, 2020
Schedule 28

Non-Prescribed ARM Adjustments				
Group Insurance - Medical				
5 YR Avg				
1	Historic Base Period	190,375		
2	Previous Year	718,183		
3	2nd Previous Year	164,087		
4	3rd Previous Year	458,871		
5	4th Previous Year	470,039		
6	Average	400,311		
7	Adjusted Historic Base Year	190,375		
8	Adjustment	209,936	b/	
9	Normalized LNG Maintenance	(695,819)	c/	
Prescribed ARM Adjustments				
Amortization of the TCJA Tax Reserve - Activity and Balance				
12	Amortization Expense	(461,177.50)		
13	TCJA 13-MA Balance		ADIT on Books	
14	Dec-19	(1,837,787)	480,306	482,115
15	Jan-20	(1,837,787)	480,306	482,115
16	Feb-20	(1,837,787)	480,306	482,115
17	Mar-20	(1,837,787)	480,306	482,115
18	Apr-20	(1,837,787)	480,306	482,115
19	May-20	(1,837,787)	480,306	482,115
20	Jun-20	(1,844,710)	482,115	482,115
21	Jul-20	(1,844,710)	482,115	482,115
22	Aug-20	(1,844,710)	482,115	482,115
23	Sep-20	(1,844,710)	482,115	482,115
24	Oct-20	(1,690,984)	441,939	441,939
25	Nov-20	(1,537,258)	401,762	401,762
26	Dec-20	(1,383,533)	361,586	361,586
		462,737	463,572	(835)
Uncollectible Expense				
4 YR Avg				
27	Historic Base Period	1,077,171	325,527	
28	Previous Year	1,005,177	248,739	
29	2nd Previous Year	1,086,656	316,560	
30	3rd Previous Year	718,367	137,686	
31	4th Previous Year	130,401		
32	Average	971,843	231,783	
33	Adjusted Historic Base Year	1,077,171	325,527	
34	Adjustment	(105,328)	(93,744)	
Reserve for				
Material and Supplies				
Prepayments				
Gas Inventory				
Uncollectible				
35	Historic Base Period	487,141	27,568	7,757,841
36	Previous Year	407,669	48,334	8,871,344
37	2nd Previous Year	397,484	50,708	8,895,994
38				192,949
39	Average	430,765	42,203	8,508,393
40	Adjustment	(56,377)	14,635	750,552
				(57,808)
Reserve for Health Insurance				
Other Reserves				
41	Historic Base Period	84,344.54	145,665.24	
42	Previous Year	69,395.85	60,601.38	
43	2nd Previous Year	36,772.15	53,967.69	
44				
45	Average	63,504.18	86,744.77	
46	Adjustment	(20,849.36)	(58,920.47)	
Interest on Customer Deposits				
47	12/31/2020 Balance Over 6 Months	1,181,594.49	92.7%	
48	12/31/2020 Balance less than 6 Months	83,716.41	7.3%	
		1,275,311		
49	Average Balance	\$ 1,330,456		
50	Ratio of Balance Over 6 Months	92.65%		
51	13MA Balance Over 6 Months	\$ 1,232,687		
52	Prime Interest Rate as of 12/31/2020	3.25%		
53	Normalized Interest	\$ 48,089		
54	Base Period Interest on Customer Deposits	\$ 78,210		
55	Adjustment	\$ (38,147)	d/	
Three year amortization of ARM Costs				
56	162025 Rate Case Expenses	241,932		
57	Amortized over three years	80,644		

a/ Prescribed ARM Normalization Adjustments were either stipulated in the initial order or in subsequent ARM filings.

b/ Approve in Docket 20-00048. The company is self-insured and can have material variations. This adjustment is to normalize those costs.

c/ Schedule 28.2 LNG Maintenance Liquefaction Equipment

d/ Please see the testimony of Mr. Hickerson

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Normalization Workpaper
Twelve Months Ending December 31, 2022
Page 10 of 10

i) Profit/House Copper completed the 2020 and 2021 Service study filed with the 2019 ASRL, as well as a pipeline safety management system assessment. These costs are not anticipated in the Removal of costs related to the April 2020 tornado event. Please see schedule 35.
 ii) Creosote Leaking Program are one-time costs related to the event and will be covered by the ASRL.
 iii) GasTracker Locating One-time costs - contractors to assist with the event and related programs.
 iv) LNG maintenance expenses for painting and insulation not expected to incur in 26.
 v) 5th 26.2 LNG Maintenance Liquidation/Equipment
 vi) Recently Damaged billing as revenue
 vii) 2019 ASRL Costs

Chattanooga Gas Company
Twelve Months Ending December 31, 2020
LNG Maintenance Liquefaction Equipment - Workpaper
Chattanooga Gas Company
Schedule 28.2

Line No.	Account		As of 12/31/2020
1	625400 LNG Maint Liquefaction Equip	a/	995,531.28
2	Expesne Removal	b/	(927,758.05)
3	Amortize Expense Over 4 Years		(231,939.51)
4	Expense Rate Making Adjustment		(695,818.54)
5	Deferred Balance		347,909.27
6	Less: Accumulated Deferred Income Tax		(90,926.09)
7	Rate Base Adjustment		256,983.18

a/ Chattanooga Gas Company detailed Income Statement Schedule 19

b/ The Company incurred LNG maintenance expense that is not expected to be incurred again for the next four to eight years

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Carrying Charges and Average Balance ARM Asset/(Liability)
Twelve Months Ending December 31, 2020
Schedule 29

Line No.	Description		Historic Base Period with Rate Making Adjustments
1	Gas Sales & Transportation Revenues	c/	66,587,705
2	AFUDC -Interest	c/	161,760
3	AFUDC-Equity	c/	340,428
4	Other Revenues	c/	1,077,171
5	Total Operating Revenues [L1:L4]		68,167,063
6	Purchased Gas Expense	c/	30,528,398
7	Operating & Maintenance Expense-Labor	c/	3,694,166
8	Operating & Maintenance Expense-Non Labor	c/	13,715,413
9	Total Operating & Maintenance Expense [L6:L8]		47,937,977
10	Depreciation Expense	c/	8,214,820
11	Amortization -Prior Year Earnings Deficiency/(Surplus)	c/	990,551
12	Interest on Customer Deposits	c/	78,210
13	Taxes Other than Income	c/	3,760,637
14	State Excise (Income) Tax	c/	146,219
15	Federal Income Tax	c/	(1,055,150)
16	Total Operating Expense [L9:L15]		60,073,264
17	Utility Operating Income		8,093,798
18	Interest Expense [L20 X L21]		4,339,740
19	Net Income Equity-Earnings [L17-L18]		3,754,058
20	Rate Base	d/	189,255,343
21	Weighted Cost of Debt -Annual	e/	2.29%
22	Weighted Cost of Equity -Annual	e/	4.82%
23	Required Net Income [L20XL22]		\$ 9,130,700
24	Earning Deficiency (Excess) [L23-L19]		5,376,642
25	Overall ROR Annual	e/	7.12%
26	Annual Carrying Charges [L25 XL24]		382,688
28	1/2 Year		50%
29	Carrying Charge [L26 X L28]		\$ 191,344
30	Historic Period Earning Deficiency (Excess) + Carrying Charges [L24+L29]		\$ 5,567,986
31	Tax Gross Up Factor	f/	1.35382116
32	Annual Reconciliation Balance [L30 X L31]		\$ 7,538,057.18
33	13Month Average Amortized over 12 Months		\$ 3,769,029

a/ Excludes expenses disallowed for ratemaking

b/Based on Revenues, ratemaking expense, and synchronized interest

c/ Income Statement Historic Base Period Schedule 5

d/ Rate Base Schedule 2

e/ Capital Structure and Rate of Return Summary Schedule 11

f/ Revenue Conversion and Income Tax Gross-up Factors Schedule 12

Exhibit GT-1

Chattanooga Gas Company
Annual Review Mechanism ("ARM")
Fines and Penalties
Twelve Months Ending December 31, 2020
Schedule 35.9

Line No.	Description		January	February	March	April	May	June	July	August	September	October	November	December	Total
	Direct Incurred														
	Total Charges														
1	670841 Fines and Penalties	a/	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Charges Excluded from Cost of Service														
3	670841 Fines and Penalties		-	-	-	-	-	-	-	-	-	-	-	-	-
	Allocated from Service Company														
	Total Charges														
4	670841 Fines and Penalties	b/	-	573	1,162	-	-	-	500	-	99	-	-	-	2,334
5	Allocation Factor	c/	2.20%	2.55%	2.07%	2.52%	2.66%	2.46%	2.51%	2.68%	2.39%	2.56%	2.52%	2.40%	
6	Fines and Penalties Allocated		-	15	24	-	-	-	13	-	2	-	-	-	54
7	Charges Excluded from Cost of Service														
	670841 Fines and Penalties		-	(15)	(24)	-	-	-	(13)	-	(2)	-	-	-	(54)
8	Total Adjustment		-	(15)	(24)	-	-	-	(13)	-	(2)	-	-	-	(54)

a/ Chattanooga Gas Company detailed Income Statement Schedule 15

b/ AGL Services Company Income Statement Schedule 20

c/ Allocated Cost Adjustment Schedule 23.1

Model Inputs

Data Item	Inputs	Current Period: December 31, 2020
Company	Chattanooga Gas Company	
Historic Period	Twelve Months Ending December 31, 2020 Annual Review Mechanism ("ARM")	

Income Tax Rates	
	2020
State Income Tax Rate	6.50%
Federal Income Tax Rate	21.00%
Statutory Composite Rate	26.135%

Cost of Capital			
	Ratio	Cost	WACC
Short-Term Debt	6.30%	3.01%	0.19%
Long-Term Debt	44.47%	4.73%	2.10%
Equity	49.23%	9.80%	4.82%
Total	100.00%		7.12%

Revenue Conversion Factor	
Revenue Conversion Factor per DN 18-00017	1.34717

Lead/Lag Days	
	2020
Revenues	43.76
Purchased Gas	40.94
O&M Labor	14.01
Pension & OPEB Cash Contributions	0.00
Miscellaneous Employee Benefits	4.47
401K Benefits	12.07
Health/Life Insurance Expense	8.98
Allocated Cost	21.94
Uncollectible	43.76
Other Operating Expense	31.49
Taxes-Other than Income Tax	171.16
State Excise (Income) Tax-Current	37.88
State Excise (Income) Tax-Deferred	0.00
FIT-Current	37.88
Fit-Deferred	0.00
Depreciation and Amortization	0.00
Interest on Customer Deposits	0.00
Interest Short-Term Debt	-51.36
Interest Long-Term Debt	45.76

Interest Costs		
Rate Base	189,255,343	
Short-Term Interest	358,885	8.3%
Long-Term Interest	3,980,856	91.7%
	4,339,740	
Reversal of ARM Legal Expense Deferral	160,754	

Removal of Non-allocable Plant	
Plant in Service and Accumulated Reserve	31-Dec-20
Adjustment for Non-Allocable Plant	\$ (21,024,020)
Allocation Factor	2.40%
Non-Allocated Plant Adjustment	\$ (505,538)
Construction Work in Progress	31-Dec-20
Allocated CWIP Adjustment	\$ (37,343)
Total Adjustment to Rate Base for Non-Allocable Plant	\$ (542,881) a/

a/ Please see Schedule 35.12 for the support and calculation of the non-allocable plant.

Data Request Corrections	
CA-2-023 - reduction in allocated cost, see response for details and supporting calculation	(319)
CA-2-020 - removal of certain legal charges, see response for further details on the adjustment.	(21,364)