BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION NASHVILLE, TENNESSEE

IN RE:)	
CHATTANOOGA GAS COMPANY)	Docket No. 21-00048
	,	DUCKET 110. 21-00040
PETITION FOR APPROVAL OF ITS)	
2020 ANNUAL RATE REVIEW)	
FILING PURSUANT TO)	
TENN. CODE ANN. § 65-5-103(d)(6))	
)	

SETTLEMENT AGREEMENT

Chattanooga Gas Company ("Company" or "CGC") and the Consumer Advocate Unit in the Financial Division of the Office of the Tennessee Attorney General ("Consumer Advocate" or "CAU"), (hereinafter, individually "Party" and collectively "Parties") and in full and complete settlement of the matters at issue in this proceeding, do hereby jointly submit to the Tennessee Public Utility Commission ("Commission" or "TPUC") for its approval this Settlement Agreement, along with its supporting exhibits, reflecting the following stipulations and agreement of the Parties:

I. BACKGROUND

1. CGC is incorporated under the laws of the State of Tennessee and is engaged in the business of transporting, distributing, and selling natural gas in the greater Chattanooga and Cleveland, Tennessee areas within Hamilton and Bradley Counties. CGC is a wholly owned subsidiary of Southern Company Gas ("SGC"), a natural gas holding company that is the parent company of several regulated natural gas utilities in addition to CGC. CGC's principal office and place of business is located at 2207 Olan Mills Drive, Chattanooga, Tennessee 37421.

- 2. CGC is a public utility pursuant to the laws of the State of Tennessee, and its public utility operations, including its rates, terms, and conditions of service, are subject to the jurisdiction of this Commission.
- 3. In TPUC Docket No. 19-00047, the Company requested approval to opt into an alternative regulatory method as authorized by Tennessee Code Annotated Section 65-5-103(d)(1)(a). Specifically, CGC sought an annual review-of-rates process as authorized by Tennessee Code Annotated Section 65-5-103(d)(6), with CGC's specific annual rate review mechanism referred to therein as the CGC "Annual Review Mechanism" or "ARM." The parties to that docket the Consumer Advocate, the Chattanooga Regional Manufacturers' Association, Party Staff, and CGC ultimately negotiated a Settlement Agreement that modified CGC's ARM. After conducting an evidentiary proceeding, the Commission approved the Stipulation and Settlement Agreement by its Order Approving Settlement Agreement dated October 7, 2019 ("2019 ARM Order"). Among other things, the approved CGC ARM contemplates a multiyear process with annual compliance filings on or before April 20th of each year reflecting the Company's prior calendar year or Historic Base Period.
- 4. CGC's first annual review of rates for its 2019 expenses and revenues was conducted in 2020, with the Consumer Advocate as the only intervenor. The Commission ultimately approved a settlement of all issues by its Order Approving 2019 ARM Filing issued on October 27, 2020 ("2020 ARM Order").
- 5. On April 20, 2021, CGC filed a petition initiating this Docket for its second annual rate review, herein to consider CGC's 2020 Historic Base Period revenues and expenses pursuant to the 2019 ARM Order ("Petition"). In support of its Petition, CGC filed the schedules required by the 2019 ARM Order and the 2020 ARM Order along with the direct testimony and supporting

exhibits of its witnesses Archie Hickerson, Gary Tucker, and Paul Leath.

- 6. On May 6, 2021, the CAU filed its Petition to Intervene, which was granted by the TPUC in an order dated May 13, 2021. The Consumer Advocate is the only intervenor of record in the docket.
- 7. On June 25, 2021, the CAU submitted direct expert testimony and supporting exhibit/workpapers from David N. Dittemore and William H. Novak.
- 8. CGC has responded to both formal and informal discovery requests from the CAU, with the Parties' witnesses and other representatives meeting multiple times by video conference to discuss the issues and documentation presented in the docket.
- 9. The Parties have engaged in extensive settlement discussions in this matter and have resolved all issues raised by the Parties in this docket. For the purposes of avoiding further litigation and resolving this proceeding upon acceptable terms, the Parties have agreed to the settlement terms set forth below, subject to TPUC Approval, which the Parties jointly request.

II. SETTLEMENT SPECIFIC TERMS

- 10. <u>Annual Reconciliation Revenue Requirement ("ARRR")</u>. With its Petition and the Direct Testimony of Mr. Gary Tucker, Mr. Tucker provided his Exhibit GT-1, which is CGC's ARM Model, an Excel workbook reflecting the numerous schedules associated with calculating the revenue deficiency and rate reset associated with the total ARRR sought by CGC in this Docket. The original GT-1 ARM Model identified \$11,783,474 as the total ARRR sought to be recovered in this docket.
- 11. In response to discovery and adjustments in the ARRR identified by the Consumer Advocate, CGC provided a revised ARM Model Exhibit GT-1 that was provided as attachment CA-2-010a dated June 16, 2021, and which incorporated all of the changes and corrections CGC

made in response to issues raised by the Consumer Advocate in its discovery to CGC. These changes may be summarized as follows:

- a. In the Company's response to the Consumer Advocate's Discovery Request CA 1-5, the Company provided revisions to Schedule 14 and 14.1.
- b. In the Company's response to the Consumer Advocate's Discovery Request CA 1-9, the Company provided revisions to Schedule 15 and 15.1.
- c. In the Company's response to the Consumer Advocate's Discovery Requests CA 2-4, the Company identified revisions to its protected and unprotected EDIT calculations.
- d. In the Company's response to the Consumer Advocate's Discovery Request CA 2-5, the Company identified revisions to the ADIT adjustment for pension and OPEB on Schedule 2A1.
- e. In the Company's response to the Consumer Advocate's Discovery Request CA 2-6, the Company identified that an additional adjustment was needed and provided revisions with corrections to Schedule 35.10 Impacts of April 2020 Tornado Event.
- f. In the Company's response to the Consumer Advocate's Discovery Request CA 2-12, the Company revised the classification of income tax expense which impacted the lead-lag calculation.
- g. In the Company's response to the Consumer Advocate's Discovery Request CA 2-16, the Company provided revisions with corrections to the Company's response to CA 1-9.

- h. In the Company's response to the Consumer Advocate's Discovery Request CA-2-18 the Company provided revisions to the Incentive Compensation Adjustments on Schedule 27.
- i. In the Company's response to the Consumer Advocate's Discovery Request CA-2-20, the Company removed certain legal costs from the Company's cost of service.
- j. In the Company's response to the Consumer Advocate's Discovery Request CA-2-23, the Company removed certain allocated costs from the Company's cost of service.
- 12. In addition to the above identified changes, through Mr. Dittemore's testimony on behalf of the Consumer Advocate, the CAU disputed¹ the costs associated with the PricewaterhouseCoopers ("PwC") shared service study that was identified in CGC's Response to CA-1-023a. After discussions and information sharing, the Parties have agreed that the revenue requirements impact associated with the PwC study is \$296,194. For purposes of this settlement, the Parties agreed that one-half of the one-time PWC costs should be included in the calculation of the historic-period revenue deficiency. This adjustment reduces the historic-period revenue deficiency and the ARRR by approximately \$148,000 as agreed by the parties.
- 13. Mr. Novak, on behalf of the Consumer Advocate, also identified an error in CGC's calculation for customer deposits. CGC proposed changes as to which customer deposits CGC would pay interest on and the amount of such interest, which is further discussed below. However, in making its proposal, CGC should have calculated interest only from customer deposits held for six months or greater, and not interest on all customer deposits. Removing interest for deposits

¹ TPUC Docket No. 21-00048, Direct Testimony of David N. Dittemore, at 2:8 – 5:8, (June 25, 2021).

held less than six months results in an adjustment of \$3,196.

- On the basis of the foregoing adjustments identified and agreed to by the Parties, CGC has prepared the attached Settlement Exhibit A ARM Model, a further updated GT-1 dated June 30, 2021. Settlement Exhibit A reflects a 2020 revenue deficiency of \$7,243,245², which with the addition of carrying costs is a total deficiency balance of \$7,538,057.18³, and a rate reset of \$3,799,951⁴, for a total ARRR of \$11,545,439⁵, which reflects the cumulative corrections, revisions, and settlement terms of the Parties. Accordingly, the Parties hereby stipulate to and request that the Commission approve \$11,545,439 as the total authorized recovery. As for the amount to be recovered in rates, the Parties agree that the amount to be recovered in rates be temporarily limited to \$6.8 million, pursuant to the rate cap discussed below.
- Rate Cap. In its Petition, CGC proposed to voluntarily and temporarily limit the total rate increase for any year over the next four years to a maximum amount of \$6.8 million. This cap was proposed by CGC in recognition of the overall size of the expected revenue deficiency and rate reset as a means of helping to minimize rate shock and to provide customers with greater rate predictability and stability. Under this proposal, any CGC rate increases for the 2021 through 2024 dockets (the Historic Base Periods 2020 through 2023) will be limited to no more than \$6.8 million per year. Thus, while the authorized recovery in this docket is \$11,545,439, the Parties have agreed that the actual amount to be recovered in rates to be effective September 1, 2020, will be \$6.8 million, with the balance of the unrecovered amounts in excess of \$6.8 million to be carried forward to the 2021 CGC ARM Docket, as is set forth in more detail in CGC's Petition and supporting testimony. Further, the Parties agree that rates should only recover a maximum of \$6.8 million per year for the 2021 through 2024 dockets, with any

² Updated GT-1, Schedule 1, Line 8, see GT-4.

³ Updated GT-1, Schedule 29, Line 32, see GT-4.

⁴ Updated GT-1, Schedule 1, Line 8, see GT-4.

⁵ Updated GT-1, Schedule 1, Line 8, see GT-4.

⁶ *Petition*, at p. 5, ¶11.

authorized unrecovered amounts each year carried over to CGC's following year's ARM Docket. Any authorized amounts unrecovered in the 2024 Docket will carry over to the 2025 Docket.

- 16. Rate Design. The Parties have agreed to adopt the rate design proposed by CGC's witness Mr. Archie Hickerson to implement new rates, which is essentially an across-the-board increase. This rate design excludes any rate changes to the single CGC special contract customer's rates.
- 17. Additional Considerations and Future ARM Filings. The Consumer Advocate raised several issues in its testimony regarding this Docket and future CGC ARM proceedings. Without agreeing to any changes in CGC's ARM mechanism, the Parties agree as follows:
 - a. <u>Depreciation</u>. CGC proposed a 1.4% depreciation rate for Account 367.10, Steel Transmission Mains. The Parties mutually agreed that this rate should be approved for this schedule.
 - b. <u>Customer Deposits</u>. CGC, through the testimony of Mr. Hickerson, proposed changes to CGC's customer deposits tariff, including rates of interest and different treatment for deposits held less than six months versus deposits held longer than six months. The CAU did not disagree with the proposed tariff changes but believed that this type of forward policy change should not be made in the ARM Docket. For purposes of this settlement, the Parties agree that the Commission should approve the proposed Customer Deposits tariff changes without prejudice and without determining whether such forward policy changes should be made in an ARM Docket. The Parties further agree that in future ARM Dockets CGC and the Consumer Advocate each reserve its rights to make proposals regarding forward policy changes or to oppose or seek modifications to the other Party's proposals for forward policy changes, including the ability of a Party to seek a determination from the Commission whether such forward policy proposals are appropriate

or not appropriate in an ARM Docket.

- c. T-3 Rate Schedule. CGC, through the testimony of Mr. Hickerson, proposed changes to CGC's T-3 tariff with respect to providing additional details concerning how a T-3 customer's demand volumes are determined. The CAU did not disagree with the proposed tariff changes but believed that this type of forward policy change should not be made in the ARM Docket. For purposes of this settlement, the Parties agree that the Commission should approve the proposed T-3 Rate Schedule tariff changes without prejudice and without determining whether such forward policy changes should be made in an ARM Docket. The Parties further agree that in future ARM Dockets CGC and the Consumer Advocate each reserve its rights to make proposals regarding forward policy changes or to oppose or seek modifications to the other Party's proposals for forward policy changes, including the ability of a Party to seek a determination from the Commission whether such forward policy proposals are appropriate or not appropriate in an ARM Docket.
- d. Weather Normalization. The Consumer Advocate, through the testimony of Mr. Novak' proposed that the Company's weather normalization adjustment totaling \$22,887 was redundant and should be removed from the current and future ARM Docket fillings. CGC asserts that this adjustment is incorporated into and an approved part of CGC's ARM. For purposes of this settlement, the Parties have agreed that the weather-normalization adjustment should not be removed and remain as proposed by CGC. The Parties agree that in future ARM dockets the Consumer Advocate reserves its right to oppose any weather normalization adjustment or to seeks the exclusion of any weather-normalization adjustment from future ARM dockets.

e. Special Contracts. The Consumer Advocate, through the testimony of Mr. Novak, proposed that the any rate increases approved in this Docket be applied to all customer classes, including CGC's single special contract customer. For purposes of this settlement, the Parties have agreed that the particular circumstances associated with this special contract, which was approved by the Commission, merit exclusion of any rate increase to the special contract customer's rates. The Parties agree that pursuant to the provisions of Paragraph 12(g) of the Stipulation and Settlement Agreement approved by the 2019 ARM Order, any party to any future ARM Docket may make its own rate-class allocations and rate design proposals for how any decrease/increase in rates should be accomplished, including to special contract customers.

III. SETTLEMENT GENERAL TERMS

- All schedules, pre-filed testimony and exhibits, discovery responses, and other documents filed with the Commission in this Docket are introduced into evidence without objection, and the Parties waive their right to cross-examine all witnesses with respect to all such pre-filed testimony, exhibits, and schedules. CGC shall filing the testimony of Mr. Tucker in support of the settlement along with the attached Exhibit A. If the Commission requires the presence of witnesses for the final hearing and if the Commissioners desire to question any witness regarding their testimony or this settlement, any Party may present testimony and exhibits to respond to such questions and may cross-examine any witnesses with respect to such testimony and exhibits.
- 18. The Parties agree to support this Settlement Agreement before the Commission and in any testimony, hearing, proposed order, or brief conducted or filed in this proceeding. The

provisions of this Settlement Agreement reflect compromises and acceptance of actions, positions, or policies done solely for the purposes of settlement of this matter. The provisions in this Settlement Agreement do not necessarily reflect the positions asserted by any Party. None of the Parties to this Settlement Agreement shall be deemed to have acquiesced in or agreed to any ratemaking or accounting methodology or procedural principle, including without limitation, any cost-of-service determination or cost allocation or revenue-related methodology, except to the limited extent necessary to implement the provisions hereof.

- 19. This Settlement Agreement shall not have any precedential effect in any future proceeding or be binding on any of the Parties in this or any other jurisdiction except to the limited extent necessary to implement the provisions hereof. The Parties are free to take different positions in future proceedings as each Party deems appropriate for that proceeding.
- 20. The Parties agree and request the Commission to order that the settlement of any issue pursuant to this Settlement Agreement shall not be cited by the Parties or any other entity as binding precedent in any other proceeding before the Commission or any court, state or federal, except to the limited extent necessary to implement the provisions hereof.
- 21. The terms of this Settlement Agreement have resulted from extensive negotiations between the signatories and the terms hereof are interdependent. The Parties jointly recommend that the Commission issue an order adopting this Settlement Agreement in its entirety without modification.
- 22. If the Commission does not accept the settlement in whole, the Parties are not bound by any position or term set forth in this Settlement Agreement. In the event that the Commission does not approve this Settlement Agreement in its entirety, each of the signatories to this Settlement Agreement will retain the right to terminate this Settlement Agreement by

giving notice of the exercise of such right within ten business days of the date of such non-approval; provided, however, that the signatories to this Settlement Agreement could, by unanimous consent, elect to modify this Settlement Agreement to address any modification required by, or issues raised by, the Commission within the same time frame. Should this Settlement Agreement terminate, it would be considered void and have no binding precedential effect, and the signatories to this Settlement Agreement would reserve their rights to resume and advocate for their prior positions and to fully participate in all relevant proceedings notwithstanding their agreement to the terms of this Settlement Agreement.

- 23. By agreeing to this Settlement Agreement, no Party waives any right to continue litigating this matter should this Settlement Agreement be rejected by the Commission in whole or in part.
- 24. No provision of this Settlement Agreement shall be deemed an admission of any Party and no provision of this Settlement Agreement shall be deemed a waiver of any position asserted by a Party in this docket, except to the limited extent necessary to implement the provisions thereof.
- 25. The Parties agree that this Settlement Agreement constitutes the complete understanding among the Parties concerning the resolution of issues and matters under this TPUC Docket No. 21-00048, and any oral statements, representations or agreements concerning such issues and matters made prior to the execution of this Settlement Agreement have been merged into this Settlement Agreement.
- 26. All exhibits and schedules attached to or referenced in this Settlement Agreement are hereby incorporated by reference into this Settlement Agreement.
 - 27. The CAU's agreement to this Settlement Agreement is expressly premised upon

the truthfulness, accuracy and completeness of the information provided by CGC to the CAU throughout the course of this docket, which information was relied upon by the CAU in negotiating and agreeing to the terms and conditions of this Settlement Agreement.

- 28. The acceptance of this Settlement Agreement by the Attorney General shall not be deemed approval by the Attorney General of any of CGC's acts or practices.
- Each signatory to this Settlement Agreement represents and warrants that it/he/she has informed, advised, and otherwise consulted with the Party for whom it/he/she signs regarding the contents and significance of this Settlement Agreement and has obtained authority to sign on behalf of such Party, and based upon those communications, each signatory represents and warrants that it/he/she is authorized to execute this Settlement Agreement on behalf of its/his/her respecting Party.
- 30. This Settlement Agreement shall be governed by and construed under the law of the State of Tennessee, Tennessee choice of law rules notwithstanding.
- 31. Nothing herein limits or alters the Sovereign Immunity of the State of Tennessee or any of its entities or subdivisions.
- 32. The Parties agree that approval of the Settlement Agreement will become effective upon the oral decision of the Commission.

The foregoing is agreed and stipulated to this 15th day of July, 2021.

[signatures continue on the next pages]

Settlement Agreement Tennessee Public Utility Commission Docket No. 21-00048 Chattanooga Gas Company's Signature Page

CHATTANOOGA GAS COMPANY

HAVE SEEN AND AGREED

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[additional signature page follows – remainder of page intentionally left blank]

Settlement Agreement Tennessee Public Utility Commission Docket No. 21-00048 Attorney General's Signature Page

OFFICE OF THE TENNESSEE ATTORNEY GENERAL CONSUMER ADVOCATE UNIT FINANCIAL DIVISION

HAVE SEEN AND AGREED

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Exhibit GT-1

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

									189.474 [63.70] Correction for yearend tax expense redeasification. Change made to deferred tax expense in Schedule 24.1 Correction discussed in response CA-2-12. [64.370] Correction in ADITs adjustment amounts for Pension, OPEB and OCI. Change made to ADIT amounts in Schedule 24.1 Correction discussed in response CA-2-04. [65.370] Correction in EDIT amounts for Develor made in Schedule 8 to protected and referred basis adjustment EDITs. Correction discussed in response CA-2-04. [65.37.12] Correction made in Schedules 7 and fruits tab. Correction discussed in response CA-2-04. [65.37.12] Correction and Schedules 2 and fruits tab. Correction discussed in response CA-2-04. [65.37.12] Correction and Schedules 2 and fruits tab. Correction discussed in response CA-2-06. [65.37.12] Correction of Schedules 3.1. Changes and CA-2-16. [65.37.12] Correction adjustment to include estimated payroll taxes. Change made in Schedule 28.1. Correction discussed in response CA-2-06. [63.98] Correction in Schedules 3.2. Correction made in Schedule 27. Correction discussed in response CA-2-06. [63.98] Correction to Schedules 3.2. Correction made in Schedule 27. Correction discussed in response CA-2-06. [63.98] Correction of Schedules 3.2. Correction made in Schedule 47. Correction discussed in response CA-2-06. [63.98] Correction of Schedules 3.2. Correction made in Schedule 47. Correction discussed in response CA-1-05. [63.99] Removal of 50% PWC cost from deficiency and full mormalization in rate reset. [63.94] Correction of error identified on Interest on Customer Deposits to balances greater than 6 months
Annual True-Up Revenue Requirement Rate Adjustment	190,129,250	4,962,492	2.61%	7.12%	13,532,641	8,570,149	1.347168975	11,545,439	11,783,474 (6,370) (6,370) (7,84) (6,41,06) (14,106) (2,316) (2,316) (3,02) (3,03) (3,03) (3,03) (3,04) (4,44) (4,
Historic Base Period Normalized	187,345,257	10,513,794	5.61%	7.12%	13,334,488	2,820,694	1.347168975	3,799,951	3,864,181 (3078) (3078) (318) (319) (21,314) (3092) (1,522) (2,316) (3,194) (3,194) (3,194) (3,194)
Historic Base Period with Rate Making Adjustments	189,255,343	8,093,798	4.28%	7.12%	13,470,440	5,376,642	1.347168975	7,243,245	7,405,780 (3078) (3078) (1316) (165) (21,314) (21,314) (21,314) (1,152 (138,494) (0)
Prior Year Adopted Docket 20-00049	163,379,679	8,096,435	4.96%	7.12%	11,628,714	3,532,279	1.347168975	4,758,576	4,758,576
Adopted Docket 18-00017	149,739,716	10,657,876	7.12%	7.12%	10,657,876	(0)	1.347168975	(1)	€
Description	Rate Base - Sch 2	Operating Income - Sch 5	Earned Return [L2/L1]	Fair Rate of Return - Sch 11	Required Operating Income [L4 $ imes$ L1]	Operating Income Deficiency (Excess) [L6-L2]	Gross Revenue Conversion Factor - Sch 12	Revenue Deficiency (Surplus) [L6 X L7]	
Line No.	-	2	9	4	2	9	7	00	

Summary. The Company has removed 50% of the PWC Shared Services Study cost from the deficiency calculation. The adjustment is made on Schedule The Company has removed 50% of the PWC Shared Services Study cost from the deficiency calculation. The adjustment is snown above on Line 37, and reflects the impacts of taxes and carrying charges.

The Company, also, identified and corrected the Interest on Customer Deposits to balances greater than 6 months. This adjustment was made on Schedule 28. The impact of the adjustment is shown above on Line 38.

The Corrections/Adjustments on Lines 28-36 are in response to and discussed in the Company's Repsonse to CA-2-010

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

Exhibit GT-1

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

							Ë		Remove Prior			, to		Annual Rate True- Up	
Line			Ado	Adopted Docket	Adc	Prior Year Adopted Docket	Ë	Period	Unamortized ARM		Normalization	Unamortized ARM Asset/(Liability) and	M.	Normalized Historic Base	
Š	Description	İ	-	18-00017		20-00049	13 Mc	13 Month Average	Asset/(Liability		Adjustments	Related Deferred Tax	Tax	Period	
	Additions														
_	Plant-in-Service	a/	υ	301,415,025	↔	315,200,253	εĐ	352,338,509						\$ 352,338,509	
7	Construction Work in Progress (CWIP)	a/		12,457,439		19,004,354		13,709,361						13,709,361	
က	Deferred LNG Maintenance, net of ADITs							256,983						256,983	
4	Incremental ARM Reg Asset, net of ADITs	a/						82,205						82,205	
2	Material and Supplies	a/		343,442		402,877		487,141			(56,377)			430,765	
9	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	
∞	Deferred Rate Case Expense	a/		1,117,499		1,278,489		991,122						991,122	
6	Working Capital	/q		350,066		588,948		187,704			56,816			244,520	
10	Unamortized ARM Reconciliation Balance	a/		ı		1,981,102		3,809,812			(3,809,812)	3,769,029	029	3,769,029	
7	Deferred Pension Contribution	a/				82,598		693,997						693,997	
	Total Additions	•	s	325,156,233	\$	347,787,104	\$	380,342,243	· •	₩	(3,044,185)	\$ 3,769,029	029	\$ 381,067,086	
	Deductions														
12	Removal of Non-allocable Net AGSC Plant		€	1	↔	340,186	ø		- •	ક્ક	i	€	•	\$ 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			(832)			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)	982,036	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/												ı	
19	Reserve for Uncollectible	a/		169,708		201,415		288,440			(22,808)			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		ss.	175,416,517	⇔	184,407,425	↔	191,086,900	-	\$	(1,134,099)	\$ 985,036	036	\$ 190,937,837	
25	Total Rate Base	'	s	149,739,716	es.	163,379,679	s	189,255,343	Ф	\$	(1,910,087) \$	\$ 2,783,993	993	\$ 190,129,250	

a/ Historic Base Period 13-Month Average Sch 2Ab/ Leg Lag Schedule 3

Exhibit GT-1

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

No.	Description		December	January	February	March	April	Мау	June	July	August	September	October	November	December	13-MA
	Additions															
~	Plant-in-Service	a/		_	\$ 348,046,033 \$	\$ 346,370,659 \$	353,305,214 \$	353,695,064 \$	က	354,849,548 \$	356,038,426 \$	357,182,513 \$	က	_	\$ 357,547,781	352,338,509
7	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
က	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	/e	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
S.	Incremental ARM Reg Asset, net of ADITs	ø	118,741	118,741	118,741	118,741	118,741	118,741	118,741	118,741	118,741					82,205
9	Prepaid Pension Cash Contributions, Net of ADITs	a'	793,140	776,616	760,092	743,568	727,045	710,521	266'869	677,474	660,950	644,426	627,902	611,379	594,855	693,997
7	Material and Supplies	je	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
00	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
თ	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	7,185,463	7,848,411	9,276,000	9,788,227	9,221,469	8,271,837	7,757,841
9	Deferred Rate Case Expense	'e	1,033,121	1,012,427	996,207	1,100,671	1,095,502	1,115,860	908,955	888,260	967,566	1,007,626	980,211	952,796	925,381	991,122
=	Average ARM Regulatory Asset a/															į
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															
5	Accumulated Depreciation	ø,	(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)
4	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)
5	Accumulated Deferred Income Tax-ADIT	ø	(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)	(1,690,984)	(1,537,258)	(1,383,533)	(1,773,760)
19	Customer Advances for Construction	a/	ì				,	,		٠	,	,	ı	,	,	
19	Reserve for Uncollectibles	/e	(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)
2	Other Reserves	ø/	(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	/e	(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)
54	Average ARM Regulatory Liability															
52	Total Deductions		\$ (189,294,021) \$ (189,885,686) \$ (189,874,934) \$ (189,877,072) \$ (199,87,072) \$ (190,780,790) \$ (190,574,799) \$ (191,335,776) \$ (191,325,704,017) \$ (191,029,707) \$ (191,029,707) \$ (190,544,019)	\$ (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)
56	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
77	245511 Taxes Payable-Tennessee S	'n	\$ (184.477) \$	\$ (215,906).5	\$ (152 029) \$	(186 281) \$	(102 689) \$	(75 487) \$	(81912) \$		(70.311) \$	(70.840) \$		(113 (196) \$	\$ (197.361) \$	(123 616)
28	245512 Taxes Payable-Tennessee U	s 7e	(24 136)	(24 185)	(20 738)	(20,755)	(20 725)	(20 730)	(20.734)	(20 730)		(25,242)	(22,305)	(5,885)	(5 894)	
3	246010 Franchise Requirements 1	a l	(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	Jce	\$ (782,513) \$	\$ (1,153,069) \$	1	٦	(292,401) \$	(398,504) \$	(540,585) \$		٦	(424,049) \$	\$ (238,362)		\$ (791,503) \$	

a/ Historic Base Period 13-Month Average Sch 2A1

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

Exhibit GT-1

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

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

a/ Rate Base-13 Month Average Workpaper Schedule 2A b/ Working Capital Expense Lag Schedule 4 c/ Rate Case Docket 18-00017

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

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

Line No.	Description	Histori	Historic Base Period Amount		Lag		♀	\$ Davs	
				l			-		
	Operating & Maintenance Expense								
_	Purchased Gas	s	30,528,398 c	<i>ن</i>	40.94	\$ /q	1,24	1,249,832,614	
7	O&M Labor		3,694,166	a/	14.01	/q	5	51,755,272	
က	Pension		22,144 a/	`=	00.00	/q		1	
4	Post-Retirement Benefits Other than Pension			a/	00.00	p/		ı	
2	Miscellaneous Employee Benefits		(936) a/	`~	4.47	p/		(4,186)	
9	401 K Benefits		135,468 a	a/	12.07	p/		1,635,097	
7	Health/Life Insurance Expense		294,881 a/	`~	8.98	p/		2,648,035	
_∞	Allocated Cost		6,326,336 a/	`=	21.94	p/	13	138,799,803	
6	Uncollectible			a/	43.76	p/	_	14,245,064	
10	Other Operating Expense			_	31.49	p/	20	201,925,789	
	Taxes								
1	Taxes-Other than Income Tax		3,760,637 c/	75	171.16	p/	64	643,670,714	
12	State Excise (Income) Tax-Current		262,905 d/	=	37.88	p/		9,958,858	
13	State Excise (Income) Tax-Deferred			=	0.00	p/q		1	
14	FIT-Current		101,379 d/	=	37.88	p/		3,840,225	
15	Fit-Deferred			φ	0.00	p/		. 1	
	Other Expense								
16	Depreciation and Amortization		8,214,820 c/	75	0.00	p/		1	
17	Interest on Customer Deposits		78,210 c/	75		/q		ı	
18	Interest Short-Term Debt		345,508 e/	<u></u>	(51.36) b/	/q	Ξ	(17,745,282)	
19	Interest Long-Term Debt			e/	45.76	/q	17	175,373,968	
20	Total Working Capital Requirements [L1:L19]	s	63,260,694			↔	2,47	2,475,935,971	
7	Iver reau(iag) Days [coll c czo/coll boczo]	,	!	II	39.14				
22	Daily Working Capital Requirements. Col C L20/365	မှ	173,316.97						
23	Return on Equity	ક્ક	9,130,700						
24	Total Cost of Serviced	မှ	72,391,394						
			(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

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

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

ı			
	1,249,832,614 51,755,272	- (4,186) 1,635,097 4,533,264 134,290,126 10,146,676	643,670,714 21,936,251 82,801,856 - - (17,559,251) 173,535,452 2,539,010,159
\$ Days	249,83 51,75	1,63 4,53 134,29 10,14	643,670,714 21,936,251 82,801,856 - - (17,559,251 173,555,452 539,010,159
↔	-		ર્ષ
	€>		ω-
	4 b/) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Lag	40.94	0.00 0.00 4.47 12.07 8.98 21.94 43.76 31.49	171.16 b/ 37.88 b/ 0.00 b/ 37.88 b/ 0.00 b/ 0.00 b/ (51.36) b/ 45.76 b/ 38.96
	a c	a/ a/ a/ a/ a/ a/ 4/ a/	
riod	398 166	22,144 199,615 (936) 135,468 504,818 120,790 231,871 793,467	3,760,637 579,099 (116,686) 2,185,899 (1,156,529) (1,156,529) 3,41,886 3,792,296 55,175,960 55,175,960 9,130,700
It e	30,528,398 3,694,166	22,144 199,615 (936 135,468 504,818 6,120,790 231,871	3,760,637 579,099 (116,686) 2,185,899 (1,156,529) (1,156,529) 8,519,496 40,062 34,1886 65,175,960 178,564.27 9,130,700
ic Base Amount	ÓR OR	ည် ပွဲ	8 8 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Historic Base Period Amount			
₩	↔		မ မ မ
Description	Operating & Maintenance Expense Purchased Gas O&M Labor	Pension Post-Retirement Benefits Other than Pension Miscellaneous Employee Benefits 401 K Benefits Health/Life Insurance Expense Allocated Cost Uncollectible Other Operating Expense	Taxes Taxes-Other than Income Tax State Excise (Income) Tax-Current State Excise (Income) Tax-Deferred FIT-Current Fit-Deferred Other Expense Depreciation and Amortization Interest on Customer Deposits Interest Short-Term Debt Interest Long-Term Debt Interest Long-Term Debt State Morking Capital Requirements [L1:L19] Net Lead(lag) Days [Col E L20/Col BCL20] Daily Working Capital Requirements. Col C L20/365 Return on Equity Total Cost of Serviced
Line No.	- 2	64 4 4 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	121141 91181818181818181818181818181818181818

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 Docket 21-00048 Schedule 4.1

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

Exhibit GT-1

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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	
~	Total O&M	17,409,579	16,701,403 a/	
7	O&M Labor- Payroll	3,694,166	3,694,166 a/	
က	Pension	22,144	22,144 a/	
4	Post-Retirement Benefits Other than Pension	199,615	199,615 a/	
2	Miscellaneous Employee Benefits	(986)	(936) a/	
9	401 K Benefits	135,468	135,468 a/	
7	Health/Life Insurance Expense	294,881	504,818 a/	
∞	AGL Service Company Allocations	6,326,336	6,120,790 a/	
တ	Bad Debt Expense (Uncollectible)	325,527	231,871 a/	
10	Total	10,997,201	10,907,936	
7	Other Operating Expense (L1-L10)	6,412,378	5,793,467	

a/ Operating and Maintenance Expense Summary Schedule 7

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

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

No.	Description		Doc	Rate Case Docket 18-00017 Adopted	Pr Adop	Prior Year Adopted Docket 20-00049	A VE	Historic Base Period Actual Without Rate Making Adjustments	Rate Making Adjustments	Historic Base Period with Rate Making Adjustments	kase I Rate J	Norm: Adjus	Normalization Adjustment	žō	Normalized and Current Rates	Adjus in Amort Current Reg Asset/	Adjustment to include Amortization of Current Year ARM Regulatory Asset((Liability)	Ann F Requ	Annual True-Up Revenue Requirement Rate Adjustment	-Up Rate
-	Revenue Revenues	a/	€9	70,473,655	↔	69,602,788	69	67,039,511 \$	(451,806)	\$ 66,5	86,587,705	€	3,461,930	\$ /p	70,049,634			↔	70,049,634	9,634
ი ო	AFUDC -Interest AFUDC-Equity	ъ ъ		823,951		172,195 369,038		161,760 340,428		- ω	161,760 340,428				161,760 340,428				.91 34.	161,760 340,428
4 0	Other Revenues Total Operating Revenues	e/	8	675,121 71,972,727	es	854,766 70,998,787	ь	3,646,559 71,188,257 \$	(2,569,389)	1,0	1,077,171 68,167,063	es	(73,419) 3,388,510	e/	1,003,751	69	'	69	1,003,751	1,003,751 1,555,573
9 ~	Operating & Maintenance Expense Purchased Gas Expense Operating & Maintenance Expense-Labor	/q /e	↔	38,611,525 3,216,717	↔	35,313,102 3,581,237	↔	30,550,482 \$ 3,994,127	(22,084) (299,961)	\$ 3,65 8	30,528,398 3,694,166			49	30,528,398 3,694,166			↔	30,528,398 3,694,166	.0,528,398 3,694,166
∞	Operating & Maintenance Expense-Non Labor	r b/		8,733,561		11,389,445		17,956,455	(4,241,042)	13,7	13,715,413		(708,177)	4/	13,007,236				13,00	13,007,236
6	Total Operating & Maintenance Expense		€	50,561,803	€	50,283,783	€	52,501,064	(4,563,087)	\$ 47,9	47,937,977 \$		(708,177)	69	47,229,801	မာ	'	မာ	47,229,801	9,801
1 1	Other Expense Depreciation Expense Amortization -ARM Reconciliation Balance	/e	69	7,718,131	6 6	8,246,593	ы ы	8,462,331 \$	\$ (247,512)	& & & & & & & & & & & & & & & & & & &	8,214,820 990,551 \$	€9-	304,676	6 69	8,519,496	49	7.538.057	& &	8,519	8,519,496
2 5	(AKM Kegulatory Asset/(Liability) Interest on Customer Deposits Taxes Other than Income	ø '9		96,740 3,339,316		83,159 3,528,664		78,210 3,781,027	(20,390)	3,7	78,210 3,760,637		(38,147)	\$ \$ /b	40,062 3,760,637				3,760	40,062 3,760,637
4 t t t t t t t t t t t t t t t t t t t	State Excise (Income) Tax Federal Income Tax Total Other Expense Utility Operating Income	σ σ	မ	372,213 264,062 62,352,265 9,620,462	ω ω	30,433 (3,286,069) 62,848,768 8,150,020	ω ω	28,583 (1,410,503) 64,431,263 6,756,994 \$	117,637 355,353 (4,357,999) \$ 1,336,804	1 (1,06 \$ 60,0 \$ 8,0	146,219 (1,055,150) 60,073,264 8,093,798	امر امر	316,193 2,084,520 968,514 2,419,996	≥ ≥	462,413 1,029,370 61,041,779 10,513,794	ю ₆₉	(494,123) (1,492,632) 5,551,302 (5,551,302)	မာမ	(31,711) (463,262) 66,593,081 4,962,492	(31,711) (463,262) (6,593,081 4,962,492

al/ Revenue Summary Schedule 6

b/ Operating and Maintenance Expense Summary Schedule 7

c/ Excise and Income Tax Schedule 9

d/ Capital 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 18

d/ Weather Normalized Revenue Adjustments-Non-Weather Adjustments Schedule 28

f/ Uncollectible Adjusted to 5 Year Average

g/ See Schedule 28

h/ (LS-L9-L10-L1-L1-L1-13)X6.5%

i/ (LS-L9-L10-L1-L1-L1-L3-K1-R3)X6.5%

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

			Adjusted Revenue 22,292 485,319 9,380 3,386 31,325 1129,920 38,780 8,315 8,31	30,528,388
		ø,	र्ज दर्द	0
Amount	\$ 70,686,070 \$ 3,646,559 \$ 67,039,511	\$ 67,039,511 (454,254) a/ 2,448 \$ 66,587,705	Adjustment (2.296.258) (2.296.258) (600,000) (600,000) 8.316.58	Adjustment (22,084) \$ (22,084) \$ (65,87705) \$ (65,87705) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171) \$ (77,171)
A	2.296.258 226.259 485.319 9.380 33.385 31.225 129.920 38.780 600,000		2,296,258 22,292 485,319 9,380 31,325 11,225 12,920 38,920 39,920 39,920 30,000 600,000	30,550,482
	4		ti Sedit	es
e Descriptions	Classify as Other Revenues o Income Statement 402300 LNG Sales 404301 Revenue - Franchise Collected 402250 Revenue - Franchise Collected 402250 Miscellaneous Revenue 407050 Late Paymant Fees 407050 Returned Check-Marker 407100 Reconnect Charge - Firm 407101 Seasonal Reconnect Change - Firm 407100 Management and Consulting Fee 71010 Management and Consulting Fee 7101al Deduct [L2.1.2] 53less and Transportation Revenue Including PGA [L1-L12]	Sales and Transportation Revenue L13 Add: Reverse the Tax Rate Reduction Accrual Remove Miscellaneous Base Revenue Adjustment Adjusted Sales and Transportation Revenue	Other Revenues 402300 L/10G safest 402300 L/10G safest 402300 L/10G safest 402500 Miscollaneous Revenue 412250 Miscollaneous Revenue 412250 Returned Check-Marketer 407000 Returned Check-Marketer 407100 Reconnect Charge - Firm 407100 Reconnect Charge - Firm 407100 Management and Consulting Fee 70250 Damage Billing - Gas Reclassed as Revenue instead of Expense Credit 670251 Damage Billing - Non-Gas Reclassed as Revenue instead of Expense Credit 10141 Child Child Charge - Firm 10250 Damage Billing - Non-Gas Reclassed as Revenue instead of Expense Credit 10251 Damage Billing - Non-Gas Reclassed as Revenue instead of Expense Credit 10251 Damage Billing - Non-Gas Reclassed as Revenue instead of Expense Credit	Purchased Gas Cost Adjustment Purchased Gas Cost per books a/ Purchased Gas Cost per books Adjusted Sales and Transportation Revenue L17 Adjusted Other Revenue L31 Cost of Gas L32
No.	- 7 6 4 5 9 C 8 8 9 1 T 2 E E	4 19 17 17 17 17 17 17 17 17 17 17 17 17 17	2 2 2 2 2 2 2 3 2 2 2 3 2 2 3 3 2 3	33 32 32 35 4 36

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
of Franchise Fee is a direct pass through also removed from expense
of Franchise Fee is a direct pass through also removed from expense
of 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 rifing

h/ 22,084 a/ 22,084 s so LNG Cost-Off-System Sales Gain Shared LNG Transfers Odorant- Cost Not Recovered through PGA Reclassified Other Operating

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

1 of 1

Exhibit GT-1

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

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

Line No.	Descriptions	_ 90	Rate Case Docket 18-00017 Adopted	Adc	Prior Year Adopted Docket 20-00049	= -	Historic Base Period b/	ı	Annulization 10-1-2020 Rates g/		Wei Norma Adjus	Weather Normalization Adjustment	Z	Other Normalization Adjustments	Re	Normalized Revenue at Billed Rates
	Sales & Transportation Margin															
-	Residential (R-1)	s	14,251,629	s	15,076,524	s	16,301,517 b	``	1,49	494,686 \$		(383, 186)	þ		S	17,413,018
7	Multi-Family (R-4)		28,029		28,858		32,214 b	<u>/</u>		3,101		(2,639)	þ			32,677
က	Gas Lights				211		219 b	<u>~</u>		(219)						1
4	Commercial (C-1)		3,495,831		3,583,778		3,694,918 b	>	34	342,607		29,820	/p			4,067,345
2	Commercial (C-2)		8,254,355		9,142,723		9,353,421 b	<u>~</u>	87	871,090		378,893	φ			10,603,404
9	Industrial (F-1/T-2)		2,004,732		2,574,922		2,709,037 b	>	35	357,133						3,066,170
7	Industrial (I-1)		36,274				٠ -	>								•
œ	Industrial (T-1)		1,082,153		1,035,144		1,041,784 b	>	6	94,967						1,136,751
6	Industrial (F-1/T-1/T-2)		1,290,946		1,732,479		1,687,573 b	>	16	167,492						1,855,065
10	Industrial (T-3)		1,276,880		1,100,769		1,163,749 b	>	9	108,183						1,271,932
7	Special Contract		141,302		14,277		74,883 b	<u>~</u>		1						74,883
12	Total	₩	31,862,131	s	34,289,686	s	36,059,314		\$ 3,43	3,439,041 \$		22,888	₩		s	39,521,244
13	Misc. Base Revenue Adjustments						ı					•				1
4	Total Sales and Transport Margin	₩	31,862,131	s	34,289,686	s	36,059,314		\$ 3,43	3,439,041 \$		22,888	₩		s	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	s	70,473,656	ક્ર	69,602,788	s	66,587,712	• •	3,43	3,439,041		22,888	₩	•	s	70,049,642
17	Other Revenue a/		675,121		854,766		1,077,171 c/	·:	က	31,707		201	q	(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	s	71,972,728	s	70,998,788	s	68,167,071	"	\$ 3,47	3,470,749 \$		23,090	₩	(105,328)	ક્ક	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 Docket 21-00048 Schedule 6.1

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

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 Docket 21-00048 Schedule 6.1A

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

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

1 of 1 Exhibit GT-1

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

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

Line	Description		Rate Case Docket 18- 00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period Per Books	Rate Making	Historic Base Period Adiusted	Normalization Adjustments	Historic Base Period Normalized
<u>:</u> ,	•	 	Date of the state			Sill sill sill sill sill sill sill sill		emoniento	
_	Payroll Expense	a⁄	3,216,717	3,581,237	3,994,127	(299,961)	3,694,166		3,694,166
7	Pension	a/	22,964	22,144	242,625	(220,481)	22,144		22,144
က	Post-Retirement Benefits Other than Pension	a/	1	49,612	16,595	183,020	199,615		199,615
4	Miscellaneous Employee Benefits	a/	(312)	15,063	(936)		(926)		(986)
2	401 K Benefits	a/	120,978	120,507	135,468		135,468		135,468
9	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)
∞	Fleet Services & Facilities Expense	a/	810,419	607,162	594,714		594,714		594,714
6	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
Ξ	Advertising and Outreach	a/	1	819	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)	-		1
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/	(80,878)	(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)	922,979
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
			ı	0	ı	1		1	

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 Dittemore 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.

1 of 1

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		Amou	nt
1	Total Expense Operation Expenses	a/	12,952,552	
2	Maintenance Expenses	a/ 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 22	Facilities Fleet Exp Cap & Distributed	a/ a/	376,223 (17,316)	
23	Total Fleet and Facilities	u,	(11,010)	594,714
20	Total Floor and Facilities			004,714
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)

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

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

Adjusted Expense	2.584		25,775	24,691	1,361	4,313	ı	198,704	ı	21,674	İ	26,617	27,207	2,956	(2,523)	ı	147,850	ı	(11,036)	ı	ı	10,511	İ	272,397	29,310	2,440	15,718	12,250	i	17,780	18,134	10,060	ı	i	i	i	ı	(343)	858,430	
Rate Making Adjustment																						1			(1,525) b/														(1,525)	
After Reclass	2,584	•	25,775	24,691	1,361	4,313	•	198,704		21,674	•	26,617	27,207	2,956	(2,523)	•	147,850		(11,036)			10,511	•	272,397	30,835	2,440	15,718	12,250	•	17,780	18,134	10,060	•	•	•	•	•	(343)	859,955	
Reclassify																																							•	
Historic Base Period	2.584 a/		25.775 a/	24,691 a/	1,361 a/	4,313 a/	/e - a/	198,704 a/	/e -	21,67 4 a/	/e -	26,617 a/	27,207 a/	2,956 a/	(2,523) a/	- a/	147,850 a/	- a/	(11,036) a/	- a/	- a/	10,511 a/	/e -	272,397 a/	30,835 a/	2,440 a/	15,718 a/	12,250 a/	- a/	17,780 a/	18,134 a/	10,060 a/	- a/	/e -	/e -	- a/	/e -	(343) a/	859,955	
Account	607500 Strategic Environmental Costs	670051 Company Use Gas	670080 Tax and License	670100 Office and Administrative	670101 Supplies	670102 Development and Training-Acctg.	670103 Organizational Development	670104 Postage	670105 Operational Training	670106 Safety Training and Reg Compliance	670110 Seminars and Meetings	670127 Uniforms	670130 Bank Service Charges	670165 Stores -Other	670166 Inventory Adjustment Expense	670172 Stores - Capitalization	670300 General Business Insurance	670351 Printing/ Reproduction	670352 Forms	670353 Freight/Shipping	670355 Computer Software/Hardware Exp	670400 Injuries and Damages	670401 Workers Compensation Expense	Regulatory	670800 Association and Club Dues-Comp	670805 AssociationandClub Dues-Employee	670806 General Dues and Subscriptions	670840 Miscellaneous Expense	670841 Fines and Penalties	670855 Travel Expense	670856 Meals and Entertainment	670857 Meals and Entertainment 100 Percent	670868 Spousal Travel Expense	670880 Laboratory	670881 AGL Acquisition	670885 Restructuring-Severance	670888 Transportation Reimbursement	670159 Scrap Materials	Administrative & General Expense	
No.	~	7	က	4	2	9	7	œ	6	10	7	12	13	14	15	16	17	9	19	20	21	22	23	24	22	56	27	28	59	30	31	32	33	34	35	36	37	38		

a/ Chattanooga Gas Company detailed Income Statement Schedule 19 b/ Lobbying, Charitable Contribution, Social Club Membership, Athletic Events Schedule 24

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

Exhibit GT-1

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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
-	620050 I NG Operation	201 124	7		201 124		201 124
. 4		1,129	<i>б</i>		1,129	•	1,129
က		1,868	a/		1,868		1,868
4	640611 RelocateService(Re-Route)-Cred	(74,299)	a'		(74,299)	- (6	(74,299)
2	640707 Investigate Leaks-Distribution	800	a/		800		800
9	640749 Distribution-Mat Mgt	103,287	a'		103,287		103,287
7	640770 CCF Materials	က	a/			. ~	က
∞	625200 Maintenance of Gas Holders	117,364	a'		117,364		117,364
6	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
7	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
<u>ჯ</u>	625900 LNG Mnt-Other Equip	82,237	a,		82,237		82,237
4	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
8	645503 Repair Damage Service	6,121	a/		6,121		6,121
9	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	ъ́		37,841	•	37,841
22	675105 Software Maintenance	32,132	a/		32,132		32,132
23	675110 Maintenance Power Equipment	ı	ъ́		•		•
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'		1		•
28	610100 Purchased Gas Exp	1	a⁄	22,084	b/ 22,084	1	22,084
59	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

Docket 21-00048 Schedule 8 Chattanooga Gas Company

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

Exhibit GT-1

1 of 1

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

No.	Description	'	Rate Case Docket 18-00017 Adopted	Prior Year Adopted Docket 20-00049	Historic Base Period	Adj.	1	Adj. Other Tax	
_	Property Tax	a'	2,093,447	2,000,004	2,199,996			2,199,996	
7	Commission Inspection Fee	a⁄	305,345	291,223	324,852			324,852	
က	Payroll Tax	a⁄	383,805	219,683	245,948	(20,390))q	225,558	
4	Franchise Tax	a⁄	136,334	507,527	500,003			500,003	
2	Gross Receipts Tax	a⁄	569,140	510,228	510,228			510,228	
9	Allocated & Other Tax	Ċ			•				
_	Total	ı	3,488,071	3,528,664	3,781,027 (20,390)	(20,390)	ı	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 reclassed to Allocated cost for comparability purposes as discussed in Schedule 7

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

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

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

Exhibit GT-1

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

Proposed Rates	81,595,073 502,187 1,105,299 83,307,560	30,528,398 3,694,166 13,051,780 47,274,344	8,519,496 7,538,057 40,062 3,760,637 722,448 1,814,877 22,395,578	13,532,637 4,359,780	9,1/2,85/ 190,129,250	7.12% 49.23% 93,600,630 9.80% 0.00% 1.3472 6
ı	ا غ ور) A	। । ह ट			l
Rate Increase	11,545,439 101,548 11,646,987	44 544 44,544	754,159 2,278,140 3,032,298	8,570,144	8,570,144	
) (6 (6 (6)		4		
Current Rates	70,049,634 502,187 1,003,751 71,555,573	30,528,398 3,694,166 13,007,236 47,229,801	8,519,496 7,538,057 40,062 3,760,637 (31,711) (463,262)	4,962,492	602,713 190,129,250	2.61% 49.23% 93.600,630 0.64% 9.80% 8,570,149 11,545,439
Description	Revenue Gas Sales & Transportation Revenues AFUDC Other Revenues Total Operating Revenues	Operating & Maintenance Expense Purchased Gas Expense Operating & Maintenance Expense-Labor Operating & Maintenance Expense-Non-Labor Total Operating & Maintenance Expense	Other Expense Depreciation Expense Amortization -Prior Year Earnings Deficiency/(Surplus) Interest on Customer Deposits Taxes Other than Income State Excise (Income) Tax Federal Income Tax Total Other Expense	Operating Income Interest Expense	Net income Rate Base	Overall Rate of Return [L16/L19] Equity % of Capital Structure) Rate Base Financed by Equity [L19 xx L21] Return on Equity [L18/L22] Authorized Return on Equity Equity Rate of Return Deficiency (Excess) [L23-L24] Net Income Deficiency (Excess) [L22 x L25] Revenue Coroversion Factor Revenue Deficiency (Excess) [L26xL27]
Line No.	- 0 m 4	8 1 0 2	0 0 1 1 2 1 4 1	16	<u>6</u> 6	20 22 23 24 25 27 28

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

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

Rate Case Capital

1 of 1

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

<u></u>		Rate Case Capital Structure and Rate Case Costs	Prior Year Capital	Rate Case Capital Structure and Rate Case Costs Historic Rase	Rate Case Capital Structure and Rate Case Costs Historic Base	Structure and Rate Case Costs Historic Base Period With Annual True-
S S	Class of Capital	Rate Case	Rate Case Costs	Period	Adjustments	
~	Short-Term Debt	9:30%	6.30%	6.30%	%08'9	9:30%
7	Long-Term Debt	44.47%	7	44.47%	44.47%	7
ო	Equity % of Total	49.23%		49.23%	49.23%	
	Cost Rate					
4	Short-Term Debt	3.01%		3.01%	3.01%	3.01%
2	Long-Term Debt	4.73%		4.73%		
9	Equity Authorized Dkt 18-00017	%08'6	%08'6	%08'6	%08'6	%08'6
	Weighted Cost					
12	Short-Term Debt	0.19%		0.19%		
13	Long-Term Debt	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%
48	Average Rate Base	149,739,716	163,379,679	189,255,343	187,345,257	190,129,250
ά	Interest Expense	283 051	200 817	358 888 888	355 263	360 542
<u></u> 6	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 Interest Rate -Customer Deposits Annual	1,985,513				
24	CGC TPUC Tariff No. 2 Sheet No. 5	%00'9				
25	Interest-Customer Deposits	119,131	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. a⁄

Chattanooga Gas Company Docket 21-00048 Schedule 12 1 of 1

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

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

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

Exhibit G[†]역 ¹

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

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	D00	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								
_	Residential (R-1)	υ	14,251,629	\$ 17,125,507	\$ 2	17,413,018	\$ 22,550,221	\$ 5,137,203	29.5%
7	Multi-Family (R-4)		28,029	32,829	<u>ရ</u>	32,677	42,302	9,625	29.5%
က	Commercial (C-1)		3,495,831	4,067,059	6	4,061,595	5,257,027	1,195,432	29.4%
4	Commercial (C-2)		8,254,355	10,461,069	တ္တ	10,603,404	13,727,427	3,124,024	29.5%
2	Industrial (F-1/T-2)		2,004,732	2,640,164	4	2,966,984	3,841,357	874,373	29.5%
9	Industrial (I-1)		36,274	•					%0.0
7	Industrial (T-1)		1,082,153	1,175,368	ω	1,136,750	1,469,525	332,775	29.3%
∞	Industrial (F-1/T-1/T-2)		1,290,946	1,658,066	9	1,855,065	2,400,634	545,569	29.4%
о	Industrial (T-3)		1,276,880	1,264,408	8	1,274,177	1,650,402	376,225	29.5%
10	Special Contract		141,302	14,277		74,883	74,883	₽	%0.0
7	Total Sales and Transport Revenue	s	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	9	1,003,751	1,003,751	•	%0.0
5	Total Margin \$	s	32,537,252	\$ 39,293,514	4	40,422,303	\$ 52,017,529	\$ 11,595,226	28.7%

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

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	-,-,		<u>-</u>	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%	10,595
18	374	375.00 Structures & Improvements DP	533,095		533,095	3.80%	20,258
19	373 376	376.00 Mains	190,651,944		190,651,944	1.95%	3,721,408
20	376	377.00 Compressor Station Equip	190,031,944		190,031,944	0.00%	3,721,400
21	377 378	377.00 Compressor Station Equip 378.00 M&R Station Equip - General	2 604 947		2 604 947	2.34%	63.059
		• •	2,694,847		2,694,847		,
22 23	379 380	379.00 M&R Station Equip - City Gat	3,339,666		3,339,666	1.80% 2.92%	60,114
		380.00 Services	65,932,006		65,932,006		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

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Chattanooga Gas Company Docket 21-00048 Schedule 14.3

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

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
Rate Schedule Residential General Service R-1 Residential Multi-Family Housing Service R-4 Small Commercial and Industrial General Service C-1 Medium Commercial and Industrial General Service C-2 Industrial F-1, I-1, T-2, T-3, & Special Contract	
lotalCustomers 12/31/2020 Service Lines with inactive meters	08,635 <i>al</i> 1751
Inactive Service lines to be evaluated for	- - - - - - - - - -
retirement Depreciation per Service Line at 2.92% Depr Rate Depreciation Adjustment at 2.92% Depr Rate	10,371 \$ 23.87 247,512

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

1.00.195 98.652 1.06.770 1.016.076 700.033 021.037 877.041 034.976 840.900 917.045 1.175.107 1.47.295 0 11.447.45 0 6.41.050 0 5.062.007 0 11.447.45 1 6.41.070 0 6.40.07 0 11.447.45 1 6.41.070 0 6.40.07 0 11.447.45 1 6.41.070 0 6.40.07 0 11.447.45 1 6.41.070 0 6.40.07 0 11.447.45 1 6.41.070 0 6.40.07 0 11.447.45 1 6.40.07 0 11.4 | 168 | 168 | 169 | 185 | 160 | 164 | 160 | 268 | 269 | 165 | 170 | 166 | 269 | 166 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 Sile

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

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		Normalize Usage Therms
					a/		Col 3 X Col 5
_			710,549		51.88		36,863,282
	Multi-Family R-4	Number of Winter	Z "	Average Normalized Use Per Unit Winter Dkt 18-	Average Normalized Use per Unit Summer Dkt 18-	Normalized Winter Usage Therms	Normalized Summer Usage Therms
		Units	Units b/	00017 Therms a/	00017 Therms a/	Col 2 X Col 4	Col 3 X Col 5
2		1,110	1,095	48.56	15.13	53,902	16,573
						Normalized	Normalized
	Commercial C-1	Number Winter	Number Summer	Average Normalized Use Per Unit Winter Dkt 18-	Average Normalized Use Per Unit Winter Dkt 18-	Winter Usage Therms	Summer Usage Therms
		Bills	Bills b/	00017 Therms a/	00017 Therms a/	Col 2 X Col 4	Col 3 X Col 5
က		39,729	38,683	158.53	22,75	6,298,238	880,038
		Number	Number	Average Normalized Use	Average Normalized Use	Normalized Winter Usage	Normalized Summer Usage
	Commercial C-2	Winter	Summer	Per Unit Winter Dkt 18-	Per Unit Winter Dkt 18-	Therms	Therms
		Bills	Bills b/	00017 Therms a/	00017 Therms a/	Col 2 X Col 4	Col 3 X Col 5
4		11,913	11,734				
	Therms						
2	0-3000			1,373.0	208.3	16,356,787	5,964,275
9	3,001-5,000			163.3	9.09		709,320
7	5,001-15,000			213.2	78.9	2	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

Proposed Total	10.770.988 4.174.937 14.945.985 294.294 4.97%	11,785 54,317 28,579 551 1,387a	2315833 132246 3545001 152.70 435%	2,009,096 2,009,096 3,054,015 373,839 37,335 97,235 98,286	335.533	235.420	1,329,337	112.310	497.220 497.488 457.488 45.188 45.188 100.332 54458	99.480	316,725 99,520 99,780 1333,342 42,346	1388	14,516 17,888 656	36.274	93.360	143.307 215.447 234.518 227.580 167.392	0.002,153 0.002,153 0.004,013 0.004,014 0.004,014
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	4.812.978	3.241	1,000,051	790,500 78,441,35 74,454,59 90,655,30 22,963,14	1.766.965	85,602.45		88.89		3233		86			22.108		
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Docket 12 00017 Winter Rates Novelor	Revenue \$ 6.957.39				£ .					**	***						
White	7200 0.11501	6.25	97.0	75.00 8.1710 8.1710 8.1610 8.1610 8.1610 8.1610		6.15 6.19744 6.177109		300,00	8.38 0.038 0.038 0.033 0.034 0.034 0.034	300.00	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	300.00	0.08064 0.038091 0.03802		300.00	2.000 00 00 00 00 00 00 00 00 00 00 00 00	
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Summer Rates May-Oct	S 4.489.152	\$ 3,240,19	\$ 979,606 \$ 130,004 \$ 1,106,549	\$ 780,500 \$ 788,441 \$ 14,434 \$ 90,538 \$ 22,963	1.788.160			8 16.80		\$ 25,200	10 15 10 10	*			22		Total St
Current Su Nan	8 13.00 \$ 0.11591	\$ 6.19160	\$ 27,00	\$ 75.00 \$ 5.10 \$ 0.14717 \$ 0.10882 \$ 0.00882			222	\$ 300.00	\$ 0.03464 \$ 0.03864 \$ 0.03868 \$ 0.03462	300.00	5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.00 5 0.000 5 0.00 5 0.00	2 360.00	\$ 0.03164 \$ 0.03891 \$ 0.0386 \$ 0.03462		310.00	8 1.38 8 0.00000 8 0.00000 8 0.00000 8 0.00000	Test kneep-of Pains Schreide 5
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Exhibit GT-1 (ARM Model (Updated 6-30-2021 per Settlement) Tucker Exhibit GT-4

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

8	nalized etric Col ol 7	\$4,867,059		nalized etric	7 0	\$17,018	nalized etric Col		\$1,479,330	nalized etric Col	7 0	4,492,189	473,488	597,180	108,983	5,671,839
Col 8	Total Normalized Volumetric Revenue Col 6 + Col 7	\$4,8		Total Normalized Volumetric	6 + Col 7		Total Normalized Volumetric Revenue Col	6 + Col 7	\$1,2	Total Normalized Volumetric Revenue Col	6 + Col 7	\$ 4,4	\$		\$ 10	\$ 5,6
Col 7	Normalized Volumetric Revenue Col 2 X Col 5		1 - 1 - 1 - 1 A	Normalized Summer Volumetric Revenue	Col 3 X Col 5	\$ 3,653	Normalized Winter Volumetric Revenue	Col 2 X Col 4	\$146,245	Normalized Summer Volumetric Revenue	Col 3 X Col 5	\$ 999,851	\$ 94,396	\$ 114,924	\$ 29,124	\$ 1,238,295
Col 6			1 - 1 - 1 - 1 A	Normalized Winter Volumetric Revenue	Col 2 X Col 4	\$ 13,365	Normalized Winter Volumetric Revenue	Col 2 X Col 4	\$ 1,333,085	Normalized Winter Volumetric Revenue	Col 2 X Col 4	\$ 3,492,338	\$ 379,091	\$ 482,256	\$ 79,859	\$ 4,433,544
Col 5	Current Volumetric Rate/Therm Rates Effective 10/1/20	\$0.13203		Summer	Current Volumetric Rate/Therm	\$0.22042	Summer	Current Volumetric Rate/Therm	\$0.16618	Summer	Current Volumetric Rate	\$ 0.16764	\$ 0.13308	\$ 0.12407	\$ 0.09822	
Col 4	Current Volumetric Rate/Therm Rates Effective 10/1/20			Winter	Current Volumetric Rate/Therm	\$0.24796	Winter	Current Volumetric Rate/Therm	\$0.21166	Winter	Current Volumetric Rate	\$ 0.21351	\$ 0.19489	\$ 0.18984	\$ 0.09822	
Col 3				Normalized Summer Usage Therms	Sch 16.1	16,573	Normalized Summer Usage- Therms	Sch 16.1	880,038	Normalized Summer Usage- Therms	Sch 16.1	5,964,275	709,320	926,282	296,518	7,896,395
Col 2	Normalized Usage Therms Sch 16.1	36,863,282		Normalized Winter Usage Therm	Sch 16.1	53,902	Normalized Winter Usage- Therms	Sch 16.1	6,298,238	Normalized Winter Usage - Therms	Sch 16.1	16,356,787	1,945,155	2,540,328	813,062	21,655,332
Col 1	Residential R-1			Multi-Family R-4			Commercial C-1			Commercial C-2		0-3000	3,001-5,000	5,001-15,000	Over 15,000	Total C-2
Line		1				2			3			4		9	7	80

Chattanooga Gas Company Docket 21-00048 Schedule 16.3

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

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

\$22,888 \$29,82 \$378,89 Weather Normalization Weather Normalization Weather Normalization Weather Normalization Adjustment Col 2-Col 3 Col 2-Col 3t Col 2-Col 3t Adjustment Adjustment Adjustment Col 2-Col 3 Co 4 Weather Normalized Base Revenue Sch 16.2 \$1,479,330 Weather Normalized Base Weather Normalized Base \$4,867,059 Weather Normalized Base 5,671,839 Total Weather Normalization Revenue Adjustment (L1+L2+L3+L4) Revenue Sch 16.2 Revenue Sch 16.2 Revenue Sch 16.2 .5+L7-L9) X L10 <u>ဗ</u> L5+L7) X L9 (L5 X L6) \$1,449,510 \$5,292,946 5,250,244.69 Volumetric Revenue Volumetric Base Volumetric Base Volumetric Base Base Period Adjustment Forfeited Discount Revenue Revenue Revenue Revenue Forfeited Discount Factor Dkt 18-00017 Federal Income Tax Rate Dkt 18-00017 Col 2 cise Tax Rate Dkt 18-0001 Incollectible Adjustment Excise Tax Adjustment Multi-Family R-4 Commercial C-1 Commercial C-2 Residential R-1 R-1 Adjustment R-4 Adjustment C-1 Adjustment C-2 Adjustment <u>8</u>

Weather Normalization Adjustment L5 \$22,888

Theoretical Increase from 2017 Review 8/1/201 \$ - Increase Realized 8/1-12/31 2018 \$ - Increase Revenue from 8/1/2018 Rates

Total Weather Normalization and Rate increase Dkth 18-00017 \$22,888

NO. OF CUSTOMERS	59,410	2 2	6,655	1,424 185 267 101		8		4	7	8	68,157	. [.]	68,158
VOLUMES BILLED (DT) (651,592	1,182	130,612	283,953 283,658 37,378 51,328 15,410 387,774		14,063 50,835 66,987 113,192 14,907 16,913 247,920		5,396 6,220 21,000 21,265 77,8,584 135,158 8,753 265,588	9.072 22.381 26.678 27.974 36.712	4,447 13,152 7,396 22,345 20,043 3,123 62,906	1,861,749	. .	1 699 28 569 28 569 28 569 29 560
20											• •		
NO. OF CUSTOMERS	59,472	2 2	6,688	1,450 191 262 79 792 1,982		8 8		45	71	46	68,257	. [.]	
20 VOLUMES BILLED (DT)	535,307	926	107,183	33,799 280,271 31,914 43,297 10,141 345,624		14,063 51,333 68,414 125,057 19,517 13,765 284,320		5,389 6,117 21,000 32,099 80,545 136,945 3,705 270,589	8,839 23,736 30,466 90,434 60,434	4,351 12,912 7,344 23,235 22,537 968 86,028	1,735,314	. .	1889 28,221 28,221 28,221 1,763,535
NO. OF CUSTOMERS	59,248	2 2	6,684	1,491 183 248 58 58 1,990		36		4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 4 6	68,037	. .	69,000
	VOLUMES SOLD AND TRANSPORTED FOR FESSIBENTIAL GENERAL SERVICE) FOR Commodity Charge Total Re1	R-4 (Mult-Family Housing Svc.) PGA Commodity Charge R-4 (Alt Conditioning Service) Total R-4	C-1 (Commercial & Industrial Svc.) PGA Commodity Charge C-1 (All Conditioning Service) Total C-1	Car (Medum Commercial & Industrial General Sec.) PEAC Commercial Coasts Peac Commercial Coasts Peac Commercial Coasts Peac Commercial Coasts Peac Coas	1. I (Internation Secretary) Customer Beas Lac Cherges First (1500 The Mornin Mext 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt Ower 1500 Dt	For FTO (QLX, Victoria Film Service & Transportation (F.2) Controval (Black bits Changes Demand Uses bits Changes First 1500 Cit Per Month Next 1500 Cit Per Month Next 1500 Cit Per Month Cone 1500 C	F-1/T-2/T-1 (Lrg. Volume Firm Service & Transportation (T-2 & T - 1)	Customer Beach Ber Charges Demark Units Sealen Cascanor Cranses First 1,500 Der Month Mext 2,500 Dr Month Mext 1,500 Dr Month	Tr. (Internative Service & Internative Transportation) Common Steep to Compace Compa	T-3 (Low Volume Prim Service & Transportation) Cultimer Ease Use Changes First 300 for the Kenth Next 2000 for the Kenth Next 2000 for Mexico Cone 1,500 for Cone 1,500 for T-5 Supply Juricessed (DO) Total Volumes	REGULAR TARIFF SALES AND TRANSPORT	SS-1 Sales and Transportation SS-1 Customers Total SS-1	Special Contract Course Space Compare Course Special Contract Special Contract Space Special Contract Special Total Special Contract Total Special Contract Total Special Contract Total Special Contract Total Special Contract MANNING TOTAL

1,171,160	719,158	1,890,318
989,039	774,496	1,763,535
CYCLE BILLED	INDUSTRIAL BILLED	TOTAL

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

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	Rever Sche	Schedule Docket 20-00049	% of Total by Rate Schedule	Normalized Revenue Historic Base Period	% Increase	Target Equal % Increase
	Sales & Transportation Margin								
_	Residential (R-1)	\$ 14,746,292 a/	44.81%	ø	17,125,507	44.57%	17,413,018	29.35%	5,109,867
7	Multi-Family (R-4)	28,579 a/	%60.0	છ	32,829	%60.0	32,677	29.35%	6,589
က	Commercial (C-1)	3,648,001 a/	11.08%	s	4,067,059	10.58%	4,061,595	29.35%	1,191,879
4	Commercial (C-2)	8,592,933 a/	26.11%	છ	10,461,069	27.23%	10,603,404	29.35%	3,111,579
2	Industrial (F-1/T-2)	2,114,124 a/	6.42%	↔	2,640,164	%289	2,966,984	29.35%	870,664
9	Industrial (I-1)	36,274 a/	0.11%	ક્ર		%00.0	ı	29.35%	
7	Industrial (T-1)	1,082,153 a/	3.29%	ક્ક	1,175,368	3.06%	1,136,750	29.35%	333,580
œ	Industrial (F-1/T-2/T-1)	1,333,342 a/	4.05%	ક્ર	1,658,066	4.32%	1,855,065	29.35%	544,371
о	Industrial (T-3)	1,329,837 a/	4.04%	ક્ક	1,264,408	3.29%	1,274,177	29.35%	373,909
10	Special Contract	a/	%00.0						
7	Total Sales and Transport Margin	\$ 32,911,534 a/	100.00%	ક્ક	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 29.35%

\$ 11,545,438.84

Increase in Revenue Deficiency Schedule 1

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

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

								4	5013												S.	2020					
Line	Description	.lanuary	elanısıv Februarv March Anril Mav Junis Anus	March	Anril	M	aul	Ą		Sentember	October	November	November December	2019 Total	vienuel.	February	March	Anril	Na.	auli	Aut	Angust	Sentember	October	November	December	2020 Total
			1								1											1					
-	Forfeited Discounts	56,327	56,794	63,078	55,370	48,333	34,791		22,383	20,624	25,875	18,223	33,304	461,743	53,186	40,535	55,722	62,597		61,100	55,370 5	53,621	10,550	898	19,175	18,488	485,316
7	Returned Check Charges	1,060	1,120	1,080	1,620	900		720	840	720	1,080	860	860	11,620	1,180	1,040	940	840	440	099		260	099	540	920	1,020	9,380
က	Reconnect Charges	1,190	4,335	4,680		2,000	4,440	6,945	4,815	4,230	3,970	685	700	41,040	7,605	6,930	1,875	195			,		202	9,840	4,070	2,365	33,385
4	Seasonal Reconnect Charges	2,480	930	995		310	830	096	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
2	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		8,760	10,530	15,290	18,440	16,765	129,920
9	Meter Set Charges	3,200	2,975	2,150	1,675	2,250	1,925	2,400		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		1,709	1,949	1,652	2,072	21,330	1,988	1,826	1,954	1,895	1,829	1,857		1,805	1,919	1,887	1,792	1,681	22,292
00	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		25,315	28,638	15,740	86,604	21,964	326,869
6	Total	120,427	94,778	98,086	85,435		87,865 80,803 68,702	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 1	104,698 9	93,006	58,582	54,509	146,696	72,148	1,077,171
5 =	Allowance for Funds - Debt Allowance for Funds - Equity	26,512 55,802	24,227 51,144	8,715 24,814	18,467	14,940 31,751	9,335	22,901 48,216	22,713 47,806	25,282 53,217	(30,115)	15,024 31,130	14,194	172,195 369,038	17,702 37,260	16,353 34,340	13,328 28,053	(20,471) (43,085)	11,690	12,971	12,104 1 25,425 3	15,512 32,756	17,639 37,127	20,038	22,163 46,649	22,729 47,839	161,760 340,428
12	Total AFUDC	82,314	82,314 75,371 33,530 57,336 46,691 29,133 71,117 70,519	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 4	48,269	54,767	62,216	68,812	70,568	502,187

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Chattanooga Gas Company	Total Project Element	Total Project Element	Total Project Element	_		Total Project Element	Tota Project Eement					Total Project Element	
Annual Rate Review Mechanism (ARM)	Tota Pan	Total Plan	Total Plan	an		Tota Plan	Tota Pan					Total Plan	
Other Revenue	FY20	FY20	FY20			FY20	FY20					FY20	
Twelve Months Ending December 31, 2020	January	February	March	April	Mav	June	Aulv	August	September	October	November	December	
Schedule 18.1	Actua	Actua	Actua			Actua	Actua					Actua	
	Final	Final	Fina			Fina	Final					Fina	
	Chattanooga Gas Company	 Chattanooga Gas Compan 	hattanooga Gas Company Chattanooga Gas Company Chattanooga Gas Company	ny 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	1,98,	1,8	26 1,95	1,89.					1,919				22,292
407050 Late Payment Fees	53,184	.6 40,5	,535 55,72	722 62,597	37 54,106	001,100	0 55,370	53,621	10,550				485,319
407090 Returned Check -Marketer	1,18	0,1	40	140 84.					099				9,380
407100 Reconnect Charge - Firm	7,606	6,9	30 1,87	375 195	ž				202				33,385
407101 Seasonal Reconnect Change	1,51	1,3	20 75	.85 78.	0 44	10 295			2,930				31,225
407102 Turn-on Charge- Firm	9,645	5 8,640	40 8,100						10,530				129,920
407103 Meter Set Charge- Firm	4,30	3,490	3,0,5	175 2,45					2,850				38,780
670250 Damage Billing - Gas	40.	6	853 78	183 41					634				8,315
670251 Damage Billing - Non-Gas	16,452	52 20,943	43 24,723				.,	•••	28,004				318,554
446300 Allowance for Funds-Equity	37,260	34,340		153 (43,085)	34,605	27,280	25,425	32,756	37,127	42,177	46,649	47,839	340,428
Allowance for Funds - Debt	17,70,	72 16,3	53 13,328						17,639				161,760

Chatterings San Company South of Millorin Sanual A. 10

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	88,022 48,022 548,231	6,15 6,15 30 50	MARS 9685 9685	96,563 96,563 334,224	15,600 15,600 264,600	2,509 2,509 363 665	28,572 28,572 38,217	\$1,136 \$1,136 30,006	7160 7160 17140	27,881 27,881 29,987	47,996 47,996 30,960	90,000 90,000 90,000 11,000 11,000 11,000
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	29.69 1896 11996	29.654 1.055 1.055	26 G24 1 7 G54 1 G56 1 G56 30 7 T56	20 SM 1 SM 1 SM	20304 1.000	29.894 1.895 1.995 19.294 19.294	28.654 1696 1696	20.604 1.005 1.008	36 507 1 506 1 008	27.4% 1 100 1 100 1 100 1 100 1 100	2/45 0.00 0.00	27.415 1006 1606
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	1 473 1 473 1 100 311	H 104 UTM	898 188 698 1168 1168			1203		2 Gall 2 Gall 2 Gall		1201	1200 17842	7100 7183 604 617 606
	473 1 478 1 000 391 4 300 at 669	11 1700 12700 14 1000 16 100	191	1204 6 1204 6 1206	90 41 17 30 3 865	1000 11700 11700 1000 1000	498 11 427 14 106 4 179 4 179 4 500 81 800 18 600	(40)	122	1967	17842 200 1814	4111
	79 500 3 800 3 800 30 616	100	20 TO SEE	15 000 5 000 6 000 47 001	1000	100	1000	67 Feb. 90 Gel 1007	17 KHZ 10 WH 10 WH 1 MH 10 MH	****		2 111 22 122 22 123 22 12 12 12 12 12 12 12 12 12 12 12 12 1
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	1 235 11 Gaz 27 Sept 14 603 (1 6 603)	1.888 6.733 87-686 6659 08-688	A 741 16.637	13 EN 14 F HE 14 F HE 19 F HE 10 F HE	1 565 5 435 12 533 0 6271 11 6 564 5 764 205 807	1745 1904 19771	13 ATS 1 AM 20 M2	26 GB	1 000 13 001 25 001	A2 167 68 447	114 114 48 447 11 601 11 7 10 00 8041	19.474 83.608
	79 845 79 845 7 970 178 868	21 H2 21 H2 16 H2	20 1220 20 182 5 182 187 1883	20 ME 20 ME A DAL	018711 114.564 2.764	(29.968 (6.775) 286.418 (3.865)	03 638 83 638 11 662 288 208	142 H3 142 H3 211 H1	100 MID 100 MID 1 MID 200 MID	711 7401 36 361 37 665	75 E10 12 E10	01438 4 143 17 006
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	4 534 300 537 200 537	295.625	5 554 30 558 30 558	136.291	13 80 13 80 13 80	196.60	1936	172.868 577.668	110 total 110 total	1981 136.0% 136.0%	286 03 53 103 59	204.528
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	2.215 1.000 m were 00.000 1.710	3 811 7 818 7 818 7 818 84 868	2.03 2.005 900-008	2 (0) 2 (0) 2 (0) 44 (0)	1200 1200 1600 1600	0 116 4 513 4 513 4 513 4 513 4 513 4 513	4 10 4 10 9 100 79 100	0.718 0.718 0.000 0.000	11 (25) 11 (45) 10 (45) 10 (45)	1 (44) 1 (44) 10 (47) 46 (47)	# /12 # 1 000 # 2 000 # 1 000	100 1075 100 100 100 100
	1.617 16.618 7.648	1 Tall 10 Miles 10 GCT 2 Feb.	7.598 34.598 70.686 7.034	1 803 11 103 0 807 8 704	1 815 11 845 88 816 5 886	1 954 1 1 805 1 1 805	1616 12 103 12 103	1.00 14.67 7.63 6.98	2 276 16 274 1 274 7 106	1 100 1 100 1 100 1 100	1 204	7.00 17.64 17.64 17.64
	4 017 3 017 3 19 3 19 3 19 3 19 3 19 4 19	4 1500 6 1600 6 1600 6 1600 7 1600 7 1600 7 1600 7 1700 7	4 202 A 504	1 122 123	3 (0.01) 1 (2 466 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 Color 4 Tipe 4	11 11 11 11 11 11 11 11 11 11 11 11 11	1 1 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 9 000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	655, 450, 450, 450, 450, 450, 450, 450, 4	# 100 and and and and and and and and and and
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	9.758 9.758 9.407 7.130	1 100 1 100 1 63a 1 67a	1794 2883 17665 1613	0 VH 2 M2 1 PH 4 FM	2 486 2 486 1 104 1 204	2.738 3.114 7.602	2 158 1 168 6 684	2 AP1 1 0 0 0 0 0 10 0	5 566 5 866 6 821	9.331 9.660 9.000	3414 1110 1111	6 Ma 6 60 h 11 80 B
	815 808 1136 1136	000 868 970 9122 924	146 904 736 1405	153 173 9 8 8 8	67 870 544 7 685 685	1 800 55 4 900 1764	963 162 748 718	10) 10) 10) 400 50)	1 894 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	85 85 88 88 88	100 806 104 8988 5 100	7388 2388 100 13107 1400
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picq prot sor	1000 1000 1000 1000 1000		200 200 1 Mars 1 1 Mars 1 1 Mars 1 1 Mars 1 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 1 Mars 2 M	15.50 1.00.50 0.00.	0.60 (7.65 187.55 195.00 0.05 (0.26 6.60 (1.60 (0.26) 0.05 (97.00 97.00 97.00 97.00 9.00 9.00 9.00 9	100 41.00 100.00 14.00 9.00 9.00 9.00 9.00 9.00 9.00 9.00	# 100 MA 1 (160 MA 150 MA 1 (160 MA (160 MA	0.00 0.00	0196 80 606 606	148 71.61 16.46 (6.46) (6.67) (6.67) (6.67) (6.76) (6.76) (6.76) (6.76) (6.76) (6.76) (6.76) (6.76)	5104 533 5453 5380	PART (SATE) 2001 (SATE) AMEL (SATE) (SATE) (SATE)
101 201 201 201 201	1040		0.75 0.85 0.75 0.75	0.04 0.05 0.03 0.03 0.03	(180) (180) (180) (180)	(1.00 (1.00 (1.00 (1.00 (1.00	7.50 2.00 75.00	7.45 7.45 7.46 7.46	0.000 0.000 0.000 0.000	(UR) (UR) (UR) (UR)	(30) (30) (30) (30) (30) (30) (30) (30)	9.760 (0.760 (0.760 9.660	7.00 2.00 4.00 1.00	0.000 p1.000 p1.000 pp.000 p1.000 p1.000 p1.000 p1.000 p1.000 p1.000
P11			10.00				1836 831 831						COST. UM UM	FUSC CRUSS. SUSC. SUSC. SUSC.
Station From (SDC) Station From (SDC)	17.60 17.60 17.60 17.60		4.00	100 100 100 100	100 100 100 127	100	1,00	- 60 1, 61 10,000 4,001	100 5,00 10,00 4,00	100	1,80	23 504 636 636	(36) (36) (40)	100 676 106 108 108 808 600 100
Acadian From ADIC Acadian From ADIC Acadian From ADIC Acadian From ADIC Acadian From ADIC	IT NO IT NO IT NO IT NO IT NO		1,00 20,04 6,04	128 H30 681	0.40 0.40 4.67	289 128 068	204 840 860	1,96 1,96 16,66	170 186 676 476	2,400 0,740 6,750	230 2149 139	136 6.68 8.36	11.762 16.867 6.809	100 1001 1040 2040 1040 2040
Analos Fon ASS Analos Fon ASS Analos Fon ASS	17.00 17.00 17.00 17.00		1,07 1,08 9,30 8,60	100 101 141 0.01 0.01	420 420 480 670 670	37 0 389 938)	123	6,94 6,94 6,95 1,75 16,09	4,90 4,90 4,70 6,304 6,304	35 W 35 W 35 W (33 W)	178 176 176 (00 100)	104 104 (60)	070 100 840 940	100 NOS 100 NOS 100 NOS 400 POO 100 PO
Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600 Audio For 600	50000 61.60 51		6,00 6,70 6,70 1,00	1366 1776 1136 11371 436	8,2% 6,000 1,000 1,000 10,000	100 100 100 100 100 100 100 100 100 100	6000 6000 100 100 100 100 100 100		33H 80 80 80 80 80 80 80 80 80 80 80 80 80	5 0.00 1 10 10 10 10 10 10 10 10 10 10 10 10 10	1886 688 697 A 697 A 1870 1870 1870 1870 1870 1870 1870 1870	5.751 6.64 6.98 4.98 5.757 5.757 6.754 6.757 6.7	1.00 (1
	tradi tras tras tras		676 676 676 676 676	6.60 8.60 8.60 8.60 8.60 1.60	6,00 6,00 9,74 1,50 1,50	0,68 0,68 0,60 1,70 1,68	0.85 650 6.04 6.04 1.14		CHI COM CHI CHI CHI			924	1,000 (6,000 (1,754 1,761	10.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00
Audio For ASS Andio For ASS Andio For ASS Andio For ASS Andio For ASS	17.00 17.00 17.00 17.00 17.01		6-60 6-65 1-66 1-66 1-66	1.60 1.60 1.60 1.60 1.60	3,50° 36,900 1,900 1,900 1,574	10 8 400 630 600 600 707 130 130 130 40 40 40 60 60 60 60 60 60 60 60 60 60 60 60 60	1.04 2001 1204 664 1004 1404 1404 1404 1404 1404 140	1,004 6,706 1,004	190 400 378 086 406 200 200 200 484 8 8 9 100 786 100	S2H S2H MI MI	3.34 8.36 1.36 0.98 3.39 3.65 1.65 1.66 1.66 1.66 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75	100 0.74 100 0.75 100 100 100 100 100 100 100 100 100 10	1.90 (0.40 (636 60% 835 8650 138 1030 108 1030 108 1030
Audio For ASS Audio For ASS Audio For ASS Audio For ASS Audio For ASS	HERD HERD HERD HERD HERD HERD		1,794 1,607 1,600 (ed)	1,290 1,194 6,450 160 860	280 036 780 68	1.67 1.31 1.60 20 40	1.69 1.69 1.38 1.3 1.0	1.79 1.14 1.60 (60)	1,700 1,300 6,804 8	2,80 1,76 (E)	230 240 162 56 56	124 256 126 3	1,201 4,301 431 431	08 900 00 400 00 100 94 50 00 100
Author Free (42): Author Free (42):	ET MO ET MO ET MO ET MO ET MO ET		1	1	100 100	100	100	N (0)	140 140 150	10 10 10 10 10 10 10 10	120	104 04 21	198 1.90 1.00	136 E/6 130 E/6 100 H20 100 H20
			55.00 PLS0 15.00 95.00 17.00	97.60 97.70 97.70 97.70	10.00 10.00 10.00 10.00	1000 1000 1000 1000 1000 1000 1000 100	98.00 98.00 93.1 93.00 93.00 93.00	DAME DAME TURN CUMP DAME	00000000000000000000000000000000000000	95,86 83,50 10,50 10,50	100 100	100 172	### (### (### (### (### (### (### (###	90.96 LOUIS 90.96 LOUIS 10.75 (10.96 80.98 LOUIS 10.98 LOUIS 10.98 LOUIS
Andre Fee 4000 Andre Fee 4000	1100 1100 1100 1100 1100 1100 1100 110		100 10(10) 1,00 1,70	90.00 170 170	100 100 100 100	20,50 1,00 1,00	N/ 64	91.05 1.00 1.00	600 000 000 000	10°24 130 130	170	(32) (32)	90,00 1,00 1,00 1,00	184 436 90.00 100.00 5.84 10.00 5.84 10.04 5.00 10.04
Analise From AESC Analise From AESC Analise From AESC Analise From AESC	1740 1740 1550		130 130 100 100	1304 1361 1961	1/7 Lab part	180	10 10 10 10 10 10 10 10	10000000000000000000000000000000000000	430 430 830	400 100 100	100	100	130 130 16	630° E-60 620° B-60 950 B-60 070 - 630
			100	271 435 436 436	791 480 480 8140	144	(270 100 101 40.38	175 108 168 468	701 1/0 4/10	170 100 100 100 100	10.00	375 326 91.66 88.66	NUM HANG GALM	040 HP 1070 MAR 6770 MAR 6870 MAR
Amalia From SCI Senation From SCI Senation From SCI Senation From SCI Senation From SCI Senation From SCI	PC.00 PC.00		1.50 14 16,50 16	G.801 SH H/M	900 900 830	10 0.44	204 46 203 2034 4	100 100 10,211	10 430 60	90 60 80 10	65 65 69 89 89	121 65 66 66	130 68 6,64	100 400 36 530 800 406 36 046
Sealer From SCS Sealer From SCS Sealer From SCS Sealer From SCS Sealer From SCS	PURC PURC PURC PURC PURC PURC PURC PURC		215 628 16.94 4.01	600 600 600	423 138 385	128 846 186	600 630 630	5.00 (5.00 (5.00	4,00 130 130	530 Hain UK	989 20.86 165	1.00 H.00 1.60	4.00 H.3H U.00	136 1120 136 808 136 808
America From 904 America From 904 America From 904 America From 903 America From 903	10.00 10.00 10.00 10.00		200 0,000 10,000 10,000	476 1367 4360 10	1,00 1,00 1,00 1,00 1,40	90 190 190 123 143	1.00 1.00 4.00	100 1100 1170 174	(A/TH (C-MH) (C-MH) (C-MC) (C-MC)	100 1,000 1,000 1,000 100	1/4 1/4 0.81 128	100 100 475 34	(40 (40 (40) (40)	0.256 0.261 0.256 0.257 0.256 0.257
Amation From ICS Amation From ICS Amation From ICS Amation From ICS	10.60 10.61 10.66 10.59 10.79		H 61 7 70	100 410 M1	100 100 100	- 51 - 12 - 12	100	100	141	100	100 100 100	98 9.700 98	(7) (7) (8) (8)	60 7.00 6,00 16,00 90 0,00 90 1,00
2	999		01.00 91.00 91.00	96.6°		10.84 50.84 10.91 5.88	54.00 19.01 45.00	50.00 36.00	91.00 30.01	NUMBER OF THE PERSON NAMED IN COLUMN NAMED IN	10.65 10.65 10.66 7.65	10.00 10.00 1.01	03.78 53.78 34.80 24.80	76.50 1.00.50 76.50 1.00.50 76.50 6.00.50 56.70
			01.81 (0.01 6.00	00.40 00.40 6.00	70.79 30.90 37.30 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.	783 781 1020 639	78.00 27.01 10.23 6.04	96.00 96.00 96.00 9.00 9.00 98.00	30.90 20.00 83.00 6.00	200 1020 618	7/81 1020 634	2581 10.23 6.04	2071 85.01 6.01	7000 E3030 1001 7000 8130 1 8080 6130 0620
2	670 670 670 670 670		15,00 (15,00 (1,00 (1,00 (1,00 (1,00	636 908 108 038	0.78 71.79 0.79 0.79 0.89	3.04 04.0 04.0	2.65 21.64 6.65 9.14	0.60 0.00 0.00 0.00 0.00	209 209 209 209	2450 2450 2350 2350 2450	7 MF 2 MF 2 MF 2 MF 2 MF	2.24 0.66 2.24	3.79 3.79 4.39 3.47	200 200 200 200 200 200 200 200 200 200
		Service	100 to	100 AC 10	100.50 100.40 80.60	1007	75.00 (55.00	7156 7156 7156 7156 7156 7156 7156 7156	170 M 170 M 200 M	100.00 (30.00)	176.00 (16.00)	1948 1938	1314	1808 1808 1808 1808
41	410 400 400		10 104 7.36	19 - 01 108	138 138 230	53 139 (000)	19 19 20	(N (N (L))	1186 1186 31.40 21.40	19 19 19 10/18	## ## ###	61 617		2 118 140 408 430 940
41 41 41 44 44 44 44 44	#000 #000 #000 #000 #000 #000 #011 #011		100 130 130 130 130 130 130 130 130 130	686 4361 9436 8363 9460 97361 0366 1367	2.036 82.85 90.55 100.55 100.00 81.00 179 180 2.00 9.00 9.00 9.00 9.00 9.00 9.00 9.0	0.65 0.66 0.69 1.56	9.65 25.65 25.65 15.60 15.60	100 1, 100 25,000 16,000 16,000 16,000 1,000 1,000	20 (20) 20	0.90 0.90 0.90 0.90 0.90 0.90	90 7.07 9.07 9.05 0.96 0.96 1.96 1.34	69 139 6,07 6,07 6,69 7,69 1,69 1,69	01.000 41.000 14.001 17.407 17.407 0.000	15.60 (0.00) 15.60 (0.00) 15.60 (0.00) 15.60 (1.60)
		Service of Paris A land	10.00 20.00 20.00	MAN CANCEL CONTROL CON		544 343 940		91.00 94.00 (94.00	90.00 41.00 20.00		10.68 10.68 86.80	55.05 55.04 55.04		1014 10150 1014 10150 1010 11410 10140 11410
	470 470		54.06 64.06 6.00 6.00 6.00	04 Miles (0.20) (0.20) (0.20)	16156 16176 16176	1008 1008 1009 1009	66 50 18.00 18.00 19.00 10.00	01 (02 02 (03 02 (03 03 (03) 04 (03) 0	96 MI 26 MI 24 MI 24 MI 24 MI 24 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 25 MI 26 MI 27 MI 27 MI 28	10128 10128 1428 1429	10.48 0.47 0.50 0.50 0.50 1.50 1.50 1.50 1.50 1.50	140	173 MI 274 MI 175 MI 175 MI 175 MI 178 MI 17	100 C100 100 C100 100 C100 100 C100
41 41 41	600 600 600	The Real	6.41 1.97	1041 4351 536 536	1020 100 00 00	140	104 101 24	100 100 40 8.00	10/9 430 48	403 140 160	728 885 88	100 100 134 101 101 101	CHI CHI N	13P 8081 13H 1138 0 13D
		Branco to Beauti and Sook Entropy Stock Year SCEE Fraind Source So.	# 10 / 10 / 10 / 10 / 10 / 10 / 10 / 10	# 150 mm mm mm mm mm mm mm mm mm mm mm mm mm	12.05 10.12 10.12 10.13 10	\$125 \$152 \$152 \$152 \$152 \$152 \$152 \$152	(7.00) (7.00) (7.00) (7.00) (8.70) (8.70) (8.70) (8.70)	#1.000 #1.000 #1.000 #1.000 (01.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.000 (0.0000 (0.000 (0.000) (0.0000 (0.000) (0.0000 (0.000) (0.00	#1.000 #1.000 #1.000 #4.711 #4.000 #1.000 #1.000	10.00 10.00 20.00 10	(CAR) (CAR)		25 80 25 90 20 90 27 90	
654 654 654 654 655 655	6700 6760 6760 6710 6713 6713	6766 das burns for 6766 dassau P. Anna 6777 dassau P. Man 6777 dassau P. Man	6.70 9.90 9.00 4.00	670 670 670 670 670 670 670 670 670 670	(K,60) 67,69 11,00 630 630	0.00 0.00 0.00 0.00	(8.76) (8.76) (8.80) 4.24 (886)	(16,00) (1,00) (1,00) (1,00)	(4,00) (4,00) (6,00) (4,00)	1900 1900 1900 1900 1900	10,36 (126,86) 187 (128)	2003 21.66 (0.00 (14,75 27,98 (10,98) 74,75 2,755	(M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M) (M.M)
	THE BOOK	action forthway Spectrons	13030	1000	10.78	#2.451 #2.451	73.90	90.74	7130	FR.80	803TI	9.00	12604	LEUE LINUS

Chattanooga Gas Company Annual Review Mechanism ("ARM") Chattanooga Gas Company - Income Statement - FERC vs Actual Twelve Months Ending December 31, 2020 Schedule 19.1a

Sc	hed	ulo	19

Statement of Income

Net Income (Loss)

Statement of In 2020-12-31	ncome	Column F	Column G
Chattanooga C			
FERC vs ACTU	JAL	GL8 2020-12-31	GL8 2020-12-31
	_	FERC	ACTUAL
Utility Operatin			
480 481	Residential Sales Commercial & Industrial Sales	31,602,019.40 25,957,154.11	31,602,019.40 25,957,154.11
482	Other Sales to Public Authorities	25,557,154.11	25,557,154.11
483	Sales for Resale	-	-
484	Interdepartmental Sales Total Gas Service Revenues	57,559,173.51	57,559,173.51
487 488	Forfeited Discounts Misc. Service Revenues	485,319.29 2,561,239.97	485,319.29 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	-	-
493 495	Rent from Gas Property Other Gas Revenues	:	:
	Total Other Operating Revenues	12,072,641.80	12,072,641.80
400	TOTAL Gas Operating Revenues	70,086,069.80	70,086,069.80
Utility Operatin			
401 402	Operation Expenses Maintenance Expenses	47,814,448.07 3,020,334.41	41,043,770.27 2,927,054.86
402	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	-
407.1	Regulatory Study Costs	anu	
407.2	Amort. of Conversion Expenses	-	-
407.3 407.4	Regulatory Debits (Less) Regulatory Credits	•	-
408.1	Taxes Other Than Income Taxes	3,976,308.42	3,781,027.30
409.1	Income Taxes - Federal	758,011.00	758,011.00
409.2 409.1	Income taxes on other income-Fec Income Taxes - Federal	(453,146.51) 304,864.49	(458,519.27) 299,491.73
409.1	Income Taxes - Other	316,043.00	316,043.00
409.2 409.1	Income taxes on other income-oth Income Taxes - Other	(128,047.68) 187,995.32	(129,565.88) 186,477.12
410.1	Provision for Deferred Income Taxes	(1,273,215.00)	(1,273,215.00)
411.1	(Less) Provision for Deferred Income Taxes-Cr		
411.4 411.6	Investment Tax Credit Adj Net (Less) Gains from Disp. of Utility Plant	-	•
411.7	Losses from Disp. of Utility Plant		
411.8 411.9	(Less) Gains from Disposition of Allowances Losses from Disposition of Allowances		
411.5	Total Utility Operating Expenses	63,079,825.65	55,426,937.76
	Allocated Costs		7,662,865.87
	Allocated Costs	-	7,002,003.07
Net Opera	ting Income (Loss)	7,006,244.15	6,996,266.17
Other Income			
415	Nonutility Operating Income Mdsing, jobb Revenues From Merchandising, J		
416	Costs & Exp. (Less) Costs and Exp. of Merchar	-	-
417 417.1	Revenues From Nonutility Operations (Less) Expenses of Nonutility Operati		
418	Nonoperating Nonoperating Rental Income (418	-	-
418.1	Equity earnin Equity in Earnings of Subsidiary C		
419 419.1	Interest and Dividend Income (419) Allowance for Other Funds Used During Constr	9,792.02 340,427.83	9,792.02 340,427.83
421	Miscellaneous Nonoperating Income (421)	1,089,401.09	1,089,401.09
421.1 415-421.1	Gain on Disposition of Property (421.1) Other Income	(16,805.96) 1,422,814.98	1,439,620.94
415-421.1	Other deductions	1,422,0 14.30	1,435,620.54
	Loss on Disposition of Property (421.2)		
425 426.1-426.5	Miscellaneous Amortization Miscellaneous Income Deductions	(62.98)	_
420.1-420.0	Total Other Income Deductions	(62.98)	-
	Taxes Applic. to Other Income and Deductions Total basis for income tax	1,422,752.00	1 420 620 04
	Total basis for income tax	1,422,752.00	1,439,620.94
408.2 409.2	Taxes Other Than Income Taxes Income Taxes Fed Other Inc. and Ded.(409.2)	-	-
409.2	Income Taxes Fed Other Inc. and Ded (409.2) Income Taxes-Federal (409.2)	(453,146.51)	(458,519.27)
409.2	Total Income Taxes-Federal (409.2)	(453,146.51)	(458,519.27)
409.2	Income Taxes-Other (409.2) Provision for Deferred Inc. Taxes (410.2)	(128,047.68)	(129,565.88)
	(Less) Provision for Deferred Income Taxes-Cr. (41	1.2)	
	Investment Tax Credit AdjNet (411.5)		
409.2	(Less) Investment Tax Credits (420) Total Taxes on Other Inc. and Ded.	(581,194.19)	(588,085.15)
	Net Other Income (Deductions)	841,557.81	851,535.79
Interest Charg	es		
427	Interest on Long-Term Debt	-	-
428 428.1	Amort. of Debt Disc. and Expense Amortization of Loss on Reacquired Debt		-
429	(Less) Amort, of Premium on Debt-Credit (429)	•	•
429.1	(Less) Amortization of Gain on Reacquired Debi	2 022 007 00	2 022 227 25
430 431	Interest on Debt to Assoc. Companies Other Interest Expense	3,933,387.06 217,223.03	3,933,387.06 217.223.03
432	(Less) Allow. for Borrowed Funds Used Duri	(161,759.57)	(161,759.57)
	Net Interest Charges	3,988,850.52	3,988,850.52
	Income Before Extraordinary Items		
	Extraordinary Income (434)	tems	
	(Less) Extraordinary Deductions (435)		
	Net Extraordinary Items Income Taxes-Federal and Other (409.3)		
	Extraordinary Items After Taxes		
N-41 (I -			

3,858,951.44 3,858,951.44

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	200 PM	2 mm mm 2 mm mm 2 mm mm 2 mm mm 2 mm 2	100 Marian 100 Marian	10000	1000	1100	1 100 100 1 100 100 1 100 100 1 100 100 1 100 100	1.000 1.000.100 1.000.100 1.000.100	400	1100	2 000 100 2 000 100 10 000 000 10 000 000 10 000 00	200000 2000000 2000000 200000
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	100		1000 1000 1000 1000 1000 1000 1000 100	7 000 7 000 7 000 7 000 7 000 8 000 8 000	10 TO	- 000 000 000 000 000 000 000 000 000 000	10 Miles 10	27 mm	70 MIN		100 Mg	- 100 mm
			17.000 10.100 10.100 10.100					All dates	70 FF	10 M		14 100 100 100 100 100 100 100 100 100 100 100
	1 1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 100 mm mm mm mm mm mm mm mm mm mm mm mm m	100 MI	700 mm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100	1000	and the second s		100 mm		775-001 000-000 000 000-000 000 000-000 000 000-000 00
	==	41 VIII 41 VIII 41 VIII 70 VIII						2.00			W1.000 W1.000	
		200 200 200 200	100		10 May 10	- 20	100 Mar.		-=		900 Marie 100 Ma	100
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Chattanooga Gas Company Annual Review Mechanism ("ARM") Capital Expenditures by Category Twelve Months Ending December 31, 2020 Schedule 22

<u> </u>	e Description	January	February	March	April	Мау	June	July	August	September	October	November	December	Total
	Capital Expenditures Classified as:													
_	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	Ī	215,000.00	540,000.00	555,000,00	530,000.00	193,107.00	00,000,09	30,000.00	20,000.00	15,000.00	133,107.00	2,320,130
က	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
9	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	795 814 28 769 140 24 2 061 383 27 3 368 855 48 4 677 023 03	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

 $^{^{\}star}$ Please see Schedule 14.1 for monthly plant additions by plant account for the historic base period.

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

Š.	i		January	February	March	April	Мау	June	July	August	September	October	November	December	Total
<i>← ∨</i>	AGSC Allocated Factor Allocated Costs 447011 Non-Service Cost Pension Allocated	<i>5</i> 5	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
1 W	COCA editoral A editorial Character A letter			560,288.58	739,007.02	566,524.73	531,636.80	604,322.50		547,223.77	680,282.87	614,053.90	652,283.11	775,133.32	7,418,384
4 5	Total Amount Subject to Amocation AGSC Allocated Costs 447011 Non-Service Cost Pension Allocated) A	27,366,612 (1,099,983)	23,801,092 (1,858,759)	36,068,906 (365,119)	23,860,502 (1,419,703)	21,409,843 (1,424,898)	25,962,855 (1,424,124)	24,144,265 (1,414,591)	21,857,151 (1,414,591)	29,880,550 (1,414,591)	25,437,658 (1,421,917)	27,332,985 (1,421,917)	33,657,702 (1,421,917)	320,780,122 (16,102,110)
9		1				22,440,800				20,442,560		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%
ထတ	AGSC Incentive Compensation Adjustment Allocated Expense - AGSC AIP LTI	66	(73,617) (5,527)	(78,050) (9,325)	(40,303) (164,004)	(31,750)	(27,884) (10,032)	(45,778) (8,988)	(33,764) (7,143)	(30,400)	(91,819) (13,725)	(47,630) (8,843)	(80,279)	(93,990) (17,920)	(675,265) (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)
7 7	Allocated Expense - SCS AIP LTI	€ €	(13,796) (2,782)	(10,936) (2,721)	(8,050) (60,362)	(7,703) (7,039)	(10,730) (1,327)	(9,841) (3,619)	(15,315) (3,846)	(10,677) (3,985)	(23,434) (8,759)	(11,401) (4,194)	(12,279) (3,951)	(21,388) (8,688)	(155,551) (111,272)
13	AIP/LTI Payroll Tax	σ	(828)	(720)	(1,772)	(704)	(681)	(627)	(1,452)	(1,344)	(2,750)	(917)	(1,053)	(3,063)	(15,942)
4	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)
15 16 71	AGSC Pension/OPEB Adjustment Total Pension Expense Pension Payments Total Pension Adjustment	/p	(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) 268,442 35,685
8 6 8	670503 Other Post Retirement Benefits OPEB Payments	 6 6	(585)	(680)	(428) 2,624	(622)	(656) 3,219	(607)	(618)	(660) (473)	(589)	(630)	(620)	(593) 6,844	(7,288)
2 2	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
22	AGSC Lobbying Expense, Charitable Contributions & Social Club Mem a. Lobbying Expense	utions &	& Social Club ((19,795)	Membership A (15,766)	nbership Adjustment (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 c. Social Club Membership 	⁄э 'ө													
25	d. Athletic Events) (e			-					- 1					
56	l otal Adjustment	I	(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)
27	AGSC Advertising Expense Adjustment Allocated Advertising and Outreach Adjustment	/4	(244)	(1,846)	(567)	(1,303)	(633)	(3,003)	(849)	(801)	(1,409)	(884)	(3,467)	(1,761)	(16,767)
28	AGSC Fines & Penalties Adjustment Fines and Penalties	/6	ı	(15)	(24)	ı	•	•	(13)	į	(2)	1	•	1	(54)
<i>a</i> 2	Chattanooga Gas Company detailed Income Statement Schedule 19	ment Sc	hedule 19												(1,437,866)

Chattanooga Gas Company detailed Income Statement Schedule 19
AGL Services Company Income Statement Schedule 20
Incentive Compensation Adjustment Schedule 27
Pension and Other Post-Employment Benefits Adjustment Schedule 25
Lobbying Expense, charitable contribution, social dub membership Adjustment Schedule 24
Advertising Expense Adjustment Schedule 28
Fine and Penalties Schedule 35.9 g/ # c/ c/ v/ g/

Chattanooga Gas Company Docket 21-00048 Schedule 24

Tucker Exhibit GT-4 Exhibit GT-1 (ARM Model (Updated 6-30-2021 per Settlement) 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 Februa	February	March	April	Мау	June	July	August	September	October	October November	December	Total
- 0 m	Direct Incurred Total Charges a. Lobbying Expense b. Charitable Contributions c. Association Membership	. a . 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	g I	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
တ လ	Charges Excluded from Cost of Service a. Lobbying Expense b. Charitathe Contributions	<i>6</i> 6													
, ~ ∞	c. Association Membership	<i>6</i> 6	1 1	(391)	1 1	(351)				(391)				(391)	(1,525)
)		3		(391)	1	(351)				(391)	ı		ı	(391)	(1,525)
	Allocated from Service Company Total Charges				!					:					
9 2	 a. Lobbying Expense b. Charitable Contributions 	а́ а́	19,795	15,766 -	15,477	12,432	12,821	14,032	15,328	14,742	19,246	4	15,676	33,999	203,792
17 7	c. Association Membershipd. Athletic Events	<i>ā ā</i>	2,558	1,908	1,063	2,336	1,397	1,344	731	1,324	1,873	617	749	1,733	17,634
		l	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
13	Charges Excluded from Cost of Service 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)
4 5	 b. Charitable Contributions c. Association Membership 	б б													
16	d. Athletic Events	a o	- (19.795)	(15 766)	(15 477)	(12,432)	(12,821)	- (14.032)	- (15 328)	(14.742)	(19.246)	- (14 479)	(15.676)	- (33 889)	- (203 792)
	Total Adjustment	1 11	(19,795)	(16,157)	(15,477)	(12,783)	(12,821)	1 1	(15,328)	(15,133)	(19,246)	(14,479)	(15,676)	(34,390)	(205,317)

a/ Lobbying WP Schedule 24.1

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

Exhibit GT-1

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

Line No.	Description	Jan	January	February	March	April	Мау	June	July	August	September	October	November	December	Total
	Direct Incurred														
-	lotal Criatges a. Lobbvina Expense			,	,	,	,	,		•	·	٠	•	•	1
7	 b. Charitable Contributions 										i		•	,	
ი -	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 ռ	670805 Association and Club Dues-Comp 670805 AssociationandClub Dues-Employee	ń m	250	5,283	2,243	2,024	2,024	2,024	2,024	4,212	2,243	2,168	2,243	2,168 1,095	30,835
ာဖ	670806 General Dues and Subscriptions	g g	257			613		15.105	3 .			9 '		20.	15.718
> ~	d. Athletic Events	ъ́т				<u>}</u> ,		2		٠	į		•		2 -
	Charges Excluded from Cost of Service														
œ	a. Lobbving Expense			,	,	,		,	,	•	ı	٠	٠		
0	b. Charitable Contributions									٠	ı				,
10	c. Association Membership		i	391	•	351				391	ij			391	1,525
Ξ	American Gas Association	/q	1	6,314	ı	5,657				6,314				6,314	24,597
12	% lobbying	/q	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	6.2%	
5 3	Total Dues to Associations - Lobby related activities	ies	ı	391	ı	351				391	ı			391	1,525
<u> </u>	u. Auneuc Everus Direct Charges Adjustment		. .	391		351				391			. .	391	1,525
	Allocated from Service Company														
ç	Total Charges		101	100	,	007	700	000		9	0,000			000	000
9 7	a. Lobbying Expense Government Affairs (AGI C-CGC)		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
. 60	Fixed Compensation	o o	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	ં	,		,	,	,	,	,			,	,		,
8 8	670590 AIP Bonus	ં ઇ	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
5 2	6/0594 Other/Sales Bonuses Benefits	ັ ບົ	3 570	- 6	1 777	1 701	- 0 556	0.770	2 0 08	- 000 6	2 5.08	- 2308	. c 185	13,063	13,063
3 1	Office Administration and Supply	σ τ)))) - -			1	1,1,1) 1) 1				2
24	Development and Training	ે	,	,	,	,	,	,	,				,		
52	Dues and Subscriptions	ζ'	,	,	,	,	,	,	,	2,800	,	,	,	,	2,800
50	Travel and Entertainment	ં ઇ	335	81	712	64	, r	ı	124	ı	119	74			1,509
72	Miscellaneous Operation Exp ه۲۵۸۵۵ ۸طسته (مورندوره ماریدوره)	ົ ບົ	(1 010)	(4 740)	(1 007)	(1 054)	505	(1 054)	1,500	- (4 86.5)	(1 954)	(1 05.4)	94	- (0)	2,099
29 62	Benefits Capitalized	र्छ छ	(1.102)	(987)	(1.146)	(1.122)	(1,071)	(1.122)	(1.173)	(1,023)	(1.122)	(1.122)	(1,023)	(1.173)	(13.279)
30	Taxes Other Than Income	o'	886	510	202	535	512	515	857	522	515	210	(10)	232	5,791
33	672552 Allocated Ext Relations - SCS	\o	244	227	712	314	256	275	428	265	736	594	336	575	4,961
3 33	b. Charitable Contributions	δ	- 4	. 0	- 7	9000	1 207	- 6	- 22	- 6	1 073	- 0	7.40	1 7 2 3	17 634
3 8	670800 Association and Club Dues-Comp	φ	62.945	26.270	28.440	23.787	3.500	11.006	2 1	28.237	7.720	7.061	11.600	37.144	247.709
35	670805 AssociationandClub Dues-Employee	/o'	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	70	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	7	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
၀ ဇ	Allocation Factor Total Allocated Costs	Ď	2.558	1 908	1.063	2.32%	1.397	1.344	731	1 324	1.873	617	7.32.70	1 733	17 634
8 4	d. Athletic Events		ì))) •	- - - -)	; , •	. •)
			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														
4 5	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
7 4	b. Charitable Contributions Accordation Membership														
3	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/ Lobbing WP - Dept 1637 - Schedule 24.1
d/ AGL Services Company Income Statement Schedule 20
e/ Allocated Cost Adjustment Schedule 23.1

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

Exhibit GT-1
Chatanooga Gas Company
Annual Review Mechanism ("ARM")
Department 1637 Government Affairs
Twelve Months Ending December 31, 2020
Schedule 24.2

Schedule 24.2	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	Total Project	
	Total Dian	Total Plan	Total Dlan	Total Dlan	Total Dlan	Total Plan	Total Plan	Total Dlan	Total Dian	Total Dlan	Total Plan	Total Plan	
	FY20	FY20	EV20	EV20	FY20	FY20	FY20	FY20	EV20	EV20	FY20	FV20	
	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
	January	February	March	April	May	June	July	August	September	October	November	December	
600119 Vacation Pay Accrual	(152)	(142)	(152)	(147)	(152)	(147)	(152)	(152)	(147)	(152)	(147)	71	(1,571)
Fixed Compensation	9,027	9,658	9.852	9.857	966 6	9.857	10,439	966 6	9.857	9,004	9,330	10,459	116,213
670590 AIP Bonus	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
670594 Other/Sales Bonuses	. :	. ;	. }	. :	. }		. :		. ;	. !		13,063	13,063
Bonus Variable Comparention	8,098	7,086	5,061	3,037	2,531	4,188	3,229	2,691	8,588	4,427	6,624	22,056	77,616
Payroll Expenses	17,773	15,744	14,914	12,894	11.928	14,045	13,536	12,089	18,445	14,280	16,027	32,586	194,260
670551 Cell Phone	. '	. •	. "	. •	. •	. •	. •	. •	. 55	. "	. "	. •	. 55
Facilities	. !	. :	. :	. :	. !	. :	. ;	. :	55	. :	. !	. ;	55
670530 Retirement Savings Plus Plan	673	449	460	464	464	464	969	464	464	464	464	969	6,220
670509 Health - Distributed	1.911	436	729	305	1.161	865	468	623	692	883	755	1.671	10.672
Health Benefits	1,911	436	729	302	1,161	865	468	623	692	983	755	1,671	10,672
670601 COVID Telework Reimbursemer	•		•		•	•	•		245			105	350
Other Benefits	. 0	- 4	. 0	. 0	. 0	. 0	. 0	. 3	245	. 0	. 3	105	350
670459 Pension - Distributed Pension Benefits	982	1,025	2000	935	931	943	934	915	973 973	026	946	1,349	11,485
Benefits	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
670800 Association and Club Dues-Comp			,				,	2,800					2,800
Dues and Subscriptions	•	•	•	•	•	•		2,800	į	•	•	•	2,800
670855 Travel Expense	322	69	675	40		1	84	Ē	92	74	•		1,343
6/0856 Meals and Entertainment Traval and Entertainment	13 335	12	36	24			124		040	, 22			1509
670120 Civic Participation-Other	66 -	5 ,	1 '	.			±7.		- 1	• ,	. 84		26.
670122 Civic Participation-Commun Dev	•		•		•	•	1,500		•			•	1,500
670840 Miscellaneous Expense	•				505								505
Miscellaneous Operation Exp	. :	• ;	. :	. :	205	. !	1,500	• :	• !	• !	94	. !	2,099
Operation Expenses	21,687	17,734	17,402	14,659	14,989	16,317	17,259	16,891	21,070	16,751	18,286	36,407	229,450
Operations and maniferrance Exp. 670150 Admin&Gen Salaries-Capitalized	(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)
Admin & Gen Exp Capitalized	(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)
670174 LTI Awards Capitalized	(267)	(239)	(278)	(272)	(260)	(272)	(285)	(260)	(272)	(272)	(260)	(285)	(3,223)
670511 EmployeeBenefitsCaptilized	(331)	(296)	(344)	(337)	(321)	(337)	(352)	(321)	(337)	(337)	(321)	(352)	(3,985)
670512 Pensions-Capitalized	(128)	(115)	(134)	(131)	(125)	(131)	(137)	(125)	(131)	(131)	(125)	(137)	(1,549)
670513 ATPI Capitalized	(374)	(332)	(388)	(381)	(364)	(381)	(398)	(364)	(381)	(381)	(364)	(388)	(4,511)
Benefits Capitalized	(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)
Capitalized Expenses 671004 Allocated Ext Relations-Dis Op	(19.552)	(15.538)	(14.765)	(12.118)	(12.565)	(13.757)	(14.900)	(14.477)	(18.510)	(13.885)	(15.340)	(33.424)	(198.830)
Allocated Distribution Ops	(19,552)	(15,538)	(14,765)	(12,118)	(12,565)	(13,757)	(14,900)	(14,477)	(18,510)	(13,885)	(15,340)	(33,424)	(198,830)
AGSC Allocated	(19,552)	(15,538)	(14,765)	(12,118)	(12,565)	(13,757)	(14,900)	(14,477)	(18,510)	(13,885)	(15,340)	(33,424)	(198,830)
AGSC Allocated Costs Allocated Costs	(19,552)	(15,538)	(14,765)	(12,118)	(12,565)	(13,757)	(14,900)	(14,477)	(18,510)	(13,885)	(15,340)	(33,424)	(198,830)
427100 General Tax Expense-Payroll	1,024	634	651	676	646	656	1,004	929	656	351	124	380	7,460
427111 GeneralTaxExpensePayroll-Capit	(138)	(124)	(144)	(141)	(135)	(141)	(147)	(135)	(141)	(141)	(135)	(147)	(1,669)
Payroll Taxes	886	510	202	535	512	515	857	522	515	210	(10)	232	5,791
Taxes Other Than Income	886	510	204	535	512	515	857	522	515	210	(10)	232	5,791
Operating Expenses	9 6		600				9 6	9	9		0 6	9	9
440082 Lobbying-State-Non-PR		(2,000)	(2,000)	(10,000)	(2,000)	(2,000)	(2,000)	(2,000)	(2,000)	•	(2,000)	(2,000)	(22,000)
449600 Government Affairs	(8)	(1,225)	(957)	(493)	. ;	. :	(18,500)	• !	(28)	(15)	. ;	. !	(21,226)
Other Income - Net	(e) (e)	(6,225)	(5,957)	(10,493)	(5,000)	(5,000)	(23,500)	(5,000)	(5,028)	(15)	(5,000)	(2,000)	(76,226)
Farnings b/f Interest & Taxes	e (8)	(6,225)	(5,957)	(10,493)	(5,000)	(5,000)	(23.500)	(5,000)	(5,028)	(15)	(5,000)	(5,000)	(76.226)
Earnings Before Taxes	() () ()	(6,225)	(5,957)	(10,493)	(5,000)	(5,000)	(23,500)	(5,000)	(5,028)	(15)	(5,000)	(2,000)	(76,226)
Net Income from Continuing Operations	(8)	(6,225)	(5,957)	(10,493)	(2,000)	(2,000)	(23,500)	(2,000)	(5,028)	(15)	(2,000)	(2,000)	(76,226)

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

2020	_							
占	Account	Transaction/Expense Description	Payee	Amount	Amount Date paid	Purpose for the Expense	Lobbying %	
GL8	670800	670800 MEMBERSHIP	SOUTHERN GAS ASSOCIATION	260	2/1/2020	2/1/2020 Membership Dues		
GL8	670800	Blanket Request for AGA 2019	AMERICAN GAS ASSOCIATION	6,314	2/1/2020	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	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	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	12/1/2020 Dues for 2020 Membership year - 2020Q4	6.20%	391
				25,357		Lobbying Portion of Organization Dues	Oues	1,525

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