- 1 Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS ADDRESS.
- 2 A. Archie R. Hickerson, Director of Rates and Tariff Administration for Southern
- 3 Company Gas ("SCG"), 10 Peachtree Place NE, Atlanta, Georgia 30309.
- 4 Q. ARE YOU THE SAME ARCHIE HICKERSON WHO PREVIOUSLY
- 5 FILED DIRECT TESTIMONY IN THIS PROCEEDING?
- 6 A. Yes, I am.

# 7 Q. WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL TESTIMONY?

- 8 A. My supplemental testimony is to address corrections of two tariff sheets that were
- 9 initially filed as pages 14 and 16 of Exhibit ARH-2 and the redlined versions of the
- tariff sheets filed as pages 14 and 16 of Exhibit ARH -3. In addition, Exhibit ARH-
- 7 has been revised to be consistent with Exhibit GT-4 a revised version of Exhibit GT-
- 12 1 that was attached to Mr. Tucker's direct testimony.

# 13 Q. WHAT ARE THE CHANGES TO THE TARIFF SHEETS?

- 14 A. These are corrections of typing errors. Tariff Sheet 25 (page 14 of Exhibit ARH 2)
- has the rates for Commercial and Industrial Interruptible Sales Service (Rate
- Schedule I-1). The Base Commodity Charge Rates for Rate Schedules F-1, I-1, T-
- 17 1, and T-2 are to be identical. As initially filed, on Tariff Sheet 25, the rates for the
- first two rate blocks were typed incorrectly. The rates as initially included in
- 19 Exhibit ARH-2 and as corrected are:

Tariff Sheet 25 and 30A	Initial Exhibit ARH-2	Revised Exhibit ARH-
		2
First 1,500 Dths	\$1.0810 Per Dth	\$1.0798 Per Dth
Next 2,500 Dths	\$.9234 Per Dth	\$.9222 Per Dth
Next 11,000 Dths	\$.5234 Per Dth	\$.5234 Per Dth
Over 15,000 Dths	\$.3223 Per Dth	\$.3223 Per Dth

- 2 Since there are no Customers provided service under Rate Schedule I-1, this
- 3 revision has no impact on CGC's revenues.
- 4 Tariff Sheet 30 A (page 16 of Exhibit ARH 2) has the rates for Interruptible
- 5 Transportation Service (Rate Schedule T-1). The same errors that were made or
- 6 Tariff Sheet 25 were made on Tariff Sheet 30 A. In both instances the corrected
- 7 rates are slightly lower that the rates reflected initially shown in Exhibit ARH-2.
- 8 Revised Redlines versions of Rate Sheets 25 and 30 A are provided as revised pages
- 9 14 and 16 respectively of Exhibit ARH-3.

# 10 Q. WHAT CHANGES WERE MADE TO EXHIBIT ARH-7?

- 11 A. As a result of discussions and negotiations with Consumer Advocate, revisions
- were made to Exhibit GT-1 resulting in Mr. Tucker's Exhibit GT-4. The changes
- to Exhibit GT-1 resulted in the requirement that Exhibit ARH-7 be revised to reflect
- the number of customers, volume, and current rates on Schedule 17 of exhibit GT-
- 4. The proposed rates used on Revised Exhibit ARH-7 are those initially proposed
- including the corrections to Tariff Sheets 25 and 30A. As shown, the proposed
- 17 rates will produce a \$6,773,168 increase in revenues that is approximately 0.4%
- below the \$6.8 M proposed cap on the rate increase.

# 19 Q. DOES THIS CONCLUDE YOUR SUPPLEMENTAL TESTIMONY.

20 A. Yes.

21

CHAGGANOOGA GAS COMPANY GAS TARIFF TPUC NO. 1 CGC 2021 ARM DOCKET
CGC HICKERSON SUPPLEMENTAL
EXHIBIT ARH 2
Page 14 of 43 (REVISED)
TENTH REVISED SHEET NO.25

#### RATE SCHEDULE I-1

## Commercial and Industrial Interruptible Sales Service

#### **AVAILABILITY**

Gas sales service available on an interruptible basis to large volume Customers provided Chattanooga Gas Company (Company) has interruptible gas delivery capacity in excess of the then existing requirements of other Customers, and further subject to the following conditions:

- 1. Service shall be limited to Customers consistently using a minimum of 36,500 Dths annually at a daily rate of 100,000 cubic feet or 1,000 Therms or more. A Customer may also qualify for this rate schedule on a summer seasonal basis (May-October) provided the daily usage during this period consistently meets or exceeds 100 Dths.
- 2. The Company must have available to it a supply of natural gas adequate in the opinion of the Company to meet the Customer's requirements, and further provided the Customer's use under this rate shall not work a hardship on any other rate payers of the Company, nor adversely affect any other class of the Company's Customers. Further provided the Customer's use under this rate shall not adversely affect the Company's gas purchase plans and/or effective utilization of the daily demands under the Company's gas purchase contracts with its suppliers subject to review by the Tennessee Public Utility Commission when such review is requested by a Customer.
- 3. Customer must be on or adjacent to the Company's existing mains and the mains shall, in the Company's judgment, be adequate to serve the Customer's requirements without impairing service to other Customers unless the Customer pays all cost to provide required facilities. The cost of such facilities shall be adjusted by the applicable income tax gross-up factor.
- 4. The gas shall be sold through a single point of delivery and shall not be resold directly or indirectly without the approval of the Company. The Company is not authorized to give its approval if the purpose is to have two plants under common ownership, or separate ownership purchase gas through one meter.
- 5. Service taken under this rate shall be by contract for a term of one year. Once a qualified Customer elects service under this Rate Schedule, all service will be provided under the terms and conditions of this Rate Schedule for a term extending through the following May 31. A new Customer beginning service after May 31 shall contract for a term extending through the following May 31. Upon meeting the qualifications contained therein, a Customer may receive service under Rate Schedule SS-1 concurrent with this Rate Schedule. A Customer may elect to discontinue service under this Rate Schedule and receive service under Rate Schedule T-1 by giving written notice to the Company prior to March 1 of any year. Proper notice having been provided; the Customer shall discontinue service under this Rate Schedule effective the first June 1 following the notice.
- 6. Customer agrees to install and maintain in usable condition standby fuel burning facilities to enable Customer, in the event of a curtailment of gas, to continue operations on standby fuel, or to give satisfactory evidence of his ability and willingness to have the delivery of gas hereunder interrupted or curtailed by the Company in accordance with the special terms and conditions as hereinafter set forth.

7. <u>MONTHLY BASE RATE</u>

Customer Base Use Charge

Commodity Charge

First 1,500 Dths Per Month Next 2,500 Dths Per Month Next 11,000 Dths Per Month

Over 15,000 Dths Per Month

ISSUED BY: TIFFANY CALLAWAY-FERRELL, VP

ISSUED: AUGUST 9, 2021

Net Rate

\$400.80

1



\$0.9222 Per Dth \$0.5234 Per Dth

\$0.3223 Per Dth

EFFECTIVE: SEPTEMBER 1, 2021

\$1.0798 Per Dth

11

CGC 2021 ARM DOCKET CGC HICKERSON SUPPLEMENTAL EXHIBIT ARH 2 Page 16 of 43 (REVISED)

CHATTANOOGA GAS COMANY GAS TARIFF TPUC NO. 1

TENTH REVISED SHEET NO.30 A

\*Net Rate

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\$400.80

# RATE SCHEDULE T-1 Interruptible Transportation Service (Continued)

6. Customer agrees to install and maintain standby fuel burning facilities to enable Customer, in the event of curtailment of service, to continue operations on standby fuel, or to give satisfactory evidence of the ability and willingness to have the service hereunder interrupted or curtailed by the Company in accordance with the terms and conditions set forth herein.

System Capacity Charge Per Unit of Billing Capacity	\$1.80 Per Dth	I
Commodity Charge First 1,500 Dths Per Month Next 2,500 Dths Per Month Next 11,000 Dths Per Month	\$1.0798 Per Dth \$0.9222 Per Dth \$0.5234 Per Dth	I
Over 15,000 Dths Per Month	\$0.3234 Fei Dill \$0.3223 Per Dth	

Other adjustments, charges and/or credits as determined in accordance with the Tennessee Public Utility Commission's Rules and Regulations and applicable taxes and fees shall be added to the above rates.

\*Company's Transportation Service Rate is in addition to all other applicable Pipeline Transportation Rates and Charges.

#### **BILLING CAPACITY**

The billing capacity shall be the greater of (a) or (b) below:

MONTHLY BASE RATE

Customer Base Use Charge

- (a) The capacity for the current month is always the highest use per day in any of the previous 11 billing months plus the current billing month - bearing in mind that demand days are established only during the billing months of November, December, January, February and March
- (b) The capacity will be 65% of the average daily consumption for the preceding months of April through October.

Whenever a Customer commences taking service under this rate between April 1, and October 31 of any year, the billing capacity for each billing month prior to the November billing shall be 6% of the monthly consumption in each such month. Commencing with the billing month of November, the billing capacity shall be determined either under (a) or (b) above.

#### DETERMINATION OF CAPACITY DAY

The capacity day shall be determined at the option of the Company by one of the following methods:

- 1. By measuring the maximum volume of gas taken by the Customer in any one day through theuse of volume and pressure recording and measuring equipment installed by the Company.
- 2. When gas is delivered to a Customer through a positive displacement meter without the use of daily recording and measuring equipment, the maximum volume of gas taken in any one day during the billing month shall be 6% of the total volume of gas used by the Customer during such billing month.

ISSUED: AUGUST 9, 2021 EFFECTIVE: SEPTEMBER 1, 2021

ISSUED BY: TIFFANY CALLAWAY-FERRELL, VP

CGC 2021 ARM DOCKET CGC HICKERSON DIRECT EXHIBIT ARH-3 PAGE 14 OF 44 (REVISED)

CHATTANOOGA GAS COMPANY GAS TARIFF TPUC NO. 1

**TENTH NINTH-REVISED SHEET NO.25** 

### RATE SCHEDULE I-1 Commercial and Industrial Interruptible Sales Service

#### **AVAILABILITY**

Gas sales service available on an interruptible basis to large volume Customers provided Chattanooga Gas Company (Company) has interruptible gas delivery capacity in excess of the then existing requirements of other Customers, and further subject to the following conditions:

- 1. Service shall be limited to Customers consistently using a minimum of 36,500 Dths annually at a daily rate of 100,000 cubic feet or 1,000 Therms or more. A Customer may also qualify for this rate schedule on a summer seasonal basis (May-October) provided the daily usage during this period consistently meets or exceeds 100 Dths.
- 2. The Company must have available to it a supply of natural gas adequate in the opinion of the Company to meet the Customer's requirements, and further provided the Customer's use under this rate shall not work a hardship on any other rate payers of the Company, nor adversely affect any other class of the Company's Customers. Further provided the Customer's use under this rate shall not adversely affect the Company's gas purchase plans and/or effective utilization of the daily demands under the Company's gas purchase contracts with its suppliers subject to review by the Tennessee Public Utility Commission when such review is requested by a Customer.
- 3. Customer must be on or adjacent to the Company's existing mains and the mains shall, in the Company's judgment, be adequate to serve the Customer's requirements without impairing service to other Customers unless the Customer pays all cost to provide required facilities. The cost of such facilities shall be adjusted by the applicable income tax gross-up factor.
- 4. The gas shall be sold through a single point of delivery and shall not be resold directly or indirectly without the approval of the Company. The Company is not authorized to give its approval if the purpose is to have two plants under common ownership, or separate ownership purchase gas through one meter.
- 5. Service taken under this rate shall be by contract for a term of one year. Once a qualified Customer elects service under this Rate Schedule, all service will be provided under the terms and conditions of this Rate Schedule for a term extending through the following May 31. A new Customer beginning service after May 31 shall contract for a term extending through the following May 31. Upon meeting the qualifications contained therein, a Customer may receive service under Rate Schedule SS-1 concurrent with this Rate Schedule. A Customer may elect to discontinue service under this Rate Schedule and receive service under Rate Schedule T-1 by giving written notice to the Company prior to March 1 of any year. Proper notice having been provided; the Customer shall discontinue service under this Rate Schedule effective the first June 1 following the notice.
- 6. Customer agrees to install and maintain in usable condition standby fuel burning facilities to enable Customer, in the event of a curtailment of gas, to continue operations on standby fuel, or to give satisfactory evidence of his ability and willingness to have the delivery of gas hereunder interrupted or curtailed by the Company in accordance with the special terms and conditions as hereinafter set forth.

7.	MONTHLY BASE RATE	Net Rate	
	Customer Base Use Charge	<u>\$400.80</u> <del>341.70</del>	

Commodity Charge

 First 1,500 Dths Per Month
 \$1.0798 .9190 Per Dth

 Next 2,500 Dths Per Month
 \$0.9222 .7850 Per Dth

 Next 11,000 Dths Per Month
 \$0.5234 .4450 Per Dth

 Over 15,000 Dths Per Month
 \$0.3223 .2740 Per Dth

ISSUED: APRIL 20AUGUST 9, 2021 EFFECTIVE: SEPTEMBER

1, 2021

CGC 2021 ARM DOCKET CGC HICKERSON DIRECT EXHIBIT ARH-3 PAGE 14 OF 44 (REVISED)

CHATTANOOGA GAS COMPANY GAS TARIFF

ISSUED BY: TIFFANY CALLAWAY-FERRELL, VP

# CGC 2021 ARM DOCKET CGC HICKERSON SUPPLEMENTAL EXHIBIT ARH-3 PAGE 16 of 44 (REVISED)

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CHATTANOOGA GAS COMPANY GAS TARIFF TPUC NO. 1

TENTH NINTH REVISED SHEET NO.30 A

# RATE SCHEDULE T-1 Interruptible Transportation Service (Continued)

6. Customer agrees to install and maintain standby fuel burning facilities to enable Customer, in the event of curtailment of service, to continue operations on standby fuel, or to give satisfactory evidence of the ability and willingness to have the service hereunder interrupted or curtailed by the Company in accordance with the terms and conditions set forth herein.

MONTHLY BASE RATE	*Net Rate
Customer Base Use Charge	\$ <u>400.80</u> 341.70
System Capacity Charge Per Unit of Billing Capacity Demand	\$ <u>1.80</u> <u>1.50</u> Per Dth
Commodity Charge First 1,500 Dths Per Month Next 2,500 Dths Per Month Next 11,000 Dths Per Month Over 15,000 Dths Per Month	\$\frac{1.0798}{0.9222} \text{.7850Per Dth} \\ \frac{0.5234}{0.5234} \text{.4450 Per Dth} \\ \frac{0.3223}{0.3223} \text{.2740Per Dth}
Other adjustments, charges and/or credits as determined in accorda	nce with the Tennessee Public Utility

Commission's Rules and Regulations and applicable taxes and fees shall be added to the above rates.

\*Commental Transportation Service Peteris in addition to all other applicable Pireline Transportation

\*Company's Transportation Service Rate is in addition to all other applicable Pipeline Transportation Rates and Charges.

#### **BILLING CAPACITY DEMAND**

The billing <u>capacity</u> <u>demand</u> shall be the greater of (a) or (b) below:

- (a) The <u>capacity demand</u> for the current month is always the highest use per day in any of the previous 11 billing months plus the current billing month - bearing in mind that demand days are established only during the billing months of November, December, January, February and March
- (b) The <u>capacity</u> demand will be 65% of the average daily consumption for the preceding months of April through October.

Whenever a Customer commences taking service under this rate between April 1, and October 31 of any year, the billing <u>capacity-demand</u> for each billing month prior to the November billing shall be 6% of the monthly consumption in each such month. Commencing with the billing month of November, the billing <u>capacity demand</u> shall be determined either under (a) or (b) above.

#### DETERMINATION OF CAPACITY DEMAND DAY

The <u>capacity</u> demand day shall be determined at the option of the Company by one of the following methods:

- 1. By measuring the maximum volume of gas taken by the Customer in any one day through theuse of volume and pressure recording and measuring equipment installed by the Company.
- 2. When gas is delivered to a Customer through a positive displacement meter without the use of daily recording and measuring equipment, the maximum volume of gas taken in any one day during the billing month shall be 6% of the total volume of gas used by the Customer during such billing month.

ISSUED: AUGUST 9, 2021 EFFECTIVE: SEPTEMBER 1, 2021

ISSUED BY: TIFFANY CALLAWAY-FERRELL, VP

Description	Winter	oric Base Period		Current Winter Nov-Apr		Current Summ May-Oc	t	Present To	tal Revenue		Proposed Winte Nov-Apr	er Rates		Proposed Summer May-Oct	Rates	Pro	posed Total
Residential R-1	Nov-Apr	Apr-Oct		10/1/2020	Revenue	10/1/2020	evenue		40.545.050		Rates	Revenue	Rates	Revenue	6.618.154		44.070.454
Number of Bills  Volumes Therms Weather Normalized	356,637	353,912	710,549 a/ \$ 36.863.282 b/ \$	19.40 \$ 0.13203	6,918,758	\$ 15.90 \$ ! \$0.13203	5,627,201	s s	12,545,959 4.867.059.1	s s	22.60 \$ 0.15465	8,059,996	s s	18.70 \$ 0.15465	6,618,154	\$	14,678,15° 5,700,906,58
Total Revenue								\$	17,413,018	_			_			\$	20,379,05
increase																\$	2,966,03
% increase																	17.03
Multi-Family R-4 Number of Units	1,110	1,095	2,205 a/ \$	7.10 \$	7,881.00	\$ 7.10 \$	7,777.15	\$	15,658	\$	8.30 \$	9,213	\$	8.30 \$	9,092	\$	18,305
Volumes Therms Weather Normalized	53,902	16,573	70,475 b/ \$	0.24796 \$	13,365.44	\$ 0.22042 \$	3,653.02	\$	17,018	\$	0.29085	15,677	\$	0.25855 \$	4,285		19,962
Total Revenue Increase								\$	32,677							\$	38,267 5,590
% increase																9	17.119
Commercial C-1	20.722	20.000	70.440 -/ 6	25.20 4	4 400 404		4 470 000		0.500.005	_	44.00.0	4 050 700		25.00 6	4.004.054		0.007.57
Number of Bills Volumes Therms Weather Normalized	39,729 6,298,238	38,683 880,038	78,412 a/ \$ 7,178,277 b/ \$	35.30 \$ 0.21166 \$	1,402,434	\$ 30.50 \$ ' \$ 0.16618 \$		s s	2,582,265 1,479,330	s s	41.60 \$ 0.24807 \$	1,652,726 1,562,404	s s	35.80 \$ 0.19477 \$	1,384,851 171,405.05	s s	3,037,57 1,733,80
Total Revenue				\$	2,735,519	- 8	1,326,076	\$	4,061,595	_	\$	3,215,130	_	\$	1,556,256	\$	4,771,38
Increase																\$ as	709,79
% increase																	17.48
Commercial C-2 Number of Bills	11,913	11,734	23,647 a/ \$	85.43 \$	1,017,728	\$ 85.43 \$	1,002,436	\$	2,020,163	\$	100.20 \$	1,193,683	\$	100.20 \$	1,175,747	\$	2,369,429
DDDC Frim Demand Dths	203,824	200,537	404,361 b/ \$	7.20		\$ 7.20		\$	2,911,402	\$	8.40		\$	8.40		\$	3,396,635
Volumes Therms Weather Normalized 0-3,000 Therms	16,356,787		22 224 022 6/ 6	0.21351 \$	2 402 228		999,851	\$	4,492,189		0.25114 \$	4,107,844		0.19719 \$	1 176 005 26	\$	5,283,939
3,001-5,000 Therms 5,001-15,000 Therms	1,945,155 2,540,328	5,964,275 709,320 926,282	22,321,062 b/ \$ 2,654,475 b/ \$ 3,466,610 b/ \$	0.19489 \$ 0.18984 \$	3,492,338 379,091 482,256	\$ 0.13308 \$ \$ 0.12407 \$	94,396 114,924	\$ \$	473,488 597,180	S S	0.22924 \$ 0.22330 \$	445,907 567,255	\$ \$ \$	0.15654 \$ 0.14594 \$	1,176,095.36 111,037.00 135,181.59	\$ \$	556,944 702,433
Over 15,000 Therms Total Therms	813,062 21,871,069	296,518 8,108,667	1,109,580 b/ \$ 29,979,736	0.09822 \$	79,859	\$ 0.09822 \$	29,124	\$	108,983	s	0.11553 \$	93,933	š	0.11551 \$	34,250.81	Š	128,18
Total Revenue					5,451,271		2,240,731		10,603,404	-					2,632,312		12,437,56
Increase																\$	1,834,16
% increase														6,408,622			17.30
Commercial T-3 Number of Bills	285	294	579 c/ \$	85.43 \$	24,348	\$ 85.43 \$	25,116	\$	49,464	s	100.20 \$	28,557	s	100.20 \$	29,459	\$	58,016
	28.622	28,791	57,413 d \$	7.20		\$ 7.20		s	413.374	s	8.40		s	8.40		s	482,269
DDDC Frim Demand Dths Volumes Therms																	
0-3,000 Therms 3,001-5,000 Therms	755,704 395,287	639,622 270,458	1,395,326 c/ \$ 665,745 c/ \$	0.2135 \$ 0.1949 \$	161,343 77,041	\$ 0.1676 \$ \$ 0.1331 \$	107,201 35,998	\$ \$	268,543 113,039	s s	0.25114 \$ 0.22924 \$	189,788 90,616	\$	0.19719 0.15654	126,127 42,337	\$ \$	315,91 132,95
5,001-15,000 Therms Over 15,000 Therms	1,236,446 937,900	685,350 181,775	1,921,796 c/ \$ 1,119,675 c/ \$	0.1898 \$ 0.0982 \$	234,677 92,102	\$ 0.1241 \$ \$ 0.0982 \$	85,052 17,850	\$	319,729 109,952	\$	0.22330 \$ 0.11553 \$	276,098 108,356	\$	0.14594 0.11551	100,020 20,997	\$ \$	376,118 129,352
Total Revenue			5,102,542					\$	1,274,102	_						\$	1,494,623
Increase																\$	220,522
% increase																	17.319
Industrial F-1/T-2																	
Number of Bills	214	213	427 c/ \$	341.70 \$	73,124	\$ 341.70 \$	72,782	\$	145,906	\$	400.80 \$	85,771	\$	400.80 \$	85,370	\$	171,142
DDDC Frim Demand Dths	83,209	81,842	165,051 c/ \$	7.20		\$ 7.20		\$	1,188,365	\$	8.40		\$	8.40		\$	1,386,426
Volumes Therms 0-15,000 Therms 15,000-40,000Therms	2,994,809 3,899,543	2,627,335 3.164.130	5,622,144 c/ \$ 7.063.673 c/ \$	0.09190 \$ 0.07850 \$	275,223 306.114	\$ 0.09190 \$ \$ 0.07850 \$	241,452 248.384	\$	516,675 554.498	s s	0.10798 \$ 0.09222 \$	323,379 359,616	s	0.10798 \$ 0.09222 \$	283,699.63 291,796.07	s s	607,079 651,412
40,001-150,000 Therms Over 150,000 Therms	6,475,799 895.180	5,009,270 966,716	11,485,069 c/ \$ 1.861.896 c/ \$	0.07450 \$ 0.04450 \$ 0.02740 \$	288,173 24,528	\$ 0.07650 \$ \$ 0.04450 \$ \$ 0.02740 \$	222,913 26.488	s s	511,086 51.016	S	0.05234 \$ 0.03223 \$	338,943 28.852	\$ \$	0.05234 \$ 0.03223 \$	262,185.19 31.157.26	s s	601,129 60.009
								S	2.967.546	_							
Total Revenue Increase								\$	2,967,546							\$	3,477,196 509,650
% increase									0							•	17.179
Industrial(F=1/T=2+T=1)																	
Number of Bills	84	84	168 c/ \$	341.70 \$	28,703	\$ 341.70 \$	28,703	\$	57,406	\$	400.80 \$	33,667	\$	400.80 \$	33,667	\$	67,334
DDDC Frim Demand Dths	32,394	32,394	64,788 c/ \$	7.20		\$ 7.20 \$ 1.50		s	466,474	s	8.40		s	8.40		\$ S	544,219
Capacity (Non_Firm) Demand (T-1) Volumes Therms	36,695	36,647	73,342 c/ \$	1.50				\$	110,013	s	1.80		\$	1.80		\$	132,015
Volumes Therms 0-15,000 Therms 15,000-40,000Therms	1,249,014 1,804,759	1,199,993 1,610,270	2,449,007 c/ \$ 3,415,029 c/ \$	0.09190 \$ 0.07850 \$	114,784 141,674	\$ 0.09190 \$ \$ 0.07850 \$	110,279 126,406	\$ \$	225,064 268,080	s s	0.10798 \$ 0.09222 \$	134,869 166,435	\$	0.10798 \$ 0.09222 \$	129,575.24 148,499.10	\$ \$	264,444 314,934
40,001-150,000 Over 150,000 Therms	4,481,114 7,211,891	3,846,554 5,833,665	8,327,668 c/ \$ 13,045,556 c/ \$	0.04450 \$ 0.02740 \$	199,410 197,606	\$ 0.04450 \$ \$ 0.02740 \$	171,172 159,842	\$	370,581 357,448	s s	0.05234 \$ 0.03223 \$	234,542 232,439	\$	0.05234 \$ 0.03223 \$	201,328.64 188,019.02	\$ \$	435,870 420,458
Total Revenue		_				-		\$	1,855,065	_						\$	2,179,275
Increase																\$	324,210
% increase																	17.489
Interruptible Sales (I-1)										_							
Number of Bills			- d \$	341.70 \$		\$ 341.70 \$		\$		\$	400.80 \$		\$	400.80 \$		\$	
Volumes Therms 0-15,000 Therms			- 4 5	0.00100 \$		\$ 0.00100 \$		\$		s	0.10798 \$		s	0.10798 \$		\$	
15,000-40,000Therms 40,001-150,000			- d \$ - d \$ - d \$	0.09190 \$ 0.07850 \$ 0.04450 \$		\$ 0.09190 \$ \$ 0.07850 \$ \$ 0.04450 \$	- :	\$ \$ \$	- 1	s	0.09222 \$ 0.05234 \$		\$	0.10798 \$ 0.09222 \$ 0.05234 \$		\$ \$ \$	- :
Over 150,000 Therms			- \$	0.02740 \$		\$ 0.02740 \$	-	\$	-	\$	0.03223 \$	-	\$	0.03223 \$		\$	-
Total Revenue						-		\$	-	_			_			\$	
Increase								s								\$	
% increase								\$	-								
Interruptible Industrial Transportation (T-1) Number of Bills	102	102	204 c/ \$	341.70 \$	34,853	\$ 341.70 \$	34,853	\$	69,707	s	400.80 \$	40,882	s	400.80 \$	40,882	\$	81,763
Capacity (Non_Firm) Demand (T-1)	54,184	54,065	108,248 c/ \$	1.50		\$ 1.50		\$	162,373	\$	1.80		\$	1.80		\$	194,847
Volumes Therms 0-15,000 Therms	1,439,735	1,493,060	2,932,795 c/ \$	0.09190 \$	132,312	\$ 0.09190 \$	137,212	\$	269,524	s	0.10798 \$	155,463	\$	0.10798 \$	161,221	\$	316,683
15,000-40,000Therms 40,001-150,000 Over 150,000 Therms	1,809,905 1,783,332 3,420,254	1,899,124 1,757,602 3,383,265	3,709,029 c/ \$ 3,540,934 c/ \$ 6,803,519 c/ \$	0.07850 \$ 0.04450 \$ 0.02740 \$	142,078 79,358 93,715	\$ 0.07850 \$ \$ 0.04450 \$ \$ 0.02740 \$	149,081 78,213 92,701	\$ \$ \$	291,159 157,572 186,416	S S	0.09222 \$ 0.05234 \$ 0.03223 \$	166,909 93,340 110,235	S S	0.09222 \$ 0.05234 \$ 0.03223 \$	175,137 91,992.89 109.042.63	\$ \$ \$	342,047 185,332 219,277
	3,420,234	5,303,203		U.UZF#U \$	93,710	9 ULIVAU 3	uz,rUl			٠	0.00223 3	110,235	•	0.00220 \$	105,042.03	7	
Total Revenue			16,986,277					\$	1,136,750							\$	1,339,950
increase % increase																\$	203,200
			Total	Sales and Transpor				_								\$	46,117,324
					t Margin-All Kates	Schedules		\$	39,344,156					\$	6,773,168		
Ion Gas Revenue Schedule 15 Veather Normalized Usage Schedule 16.1 Justomers, Volume, & Base Revenue Schedule 16.			Total	cucs and manapor	t Margin-All Rates	Schedules		5	39,344,156					\$	6,773,168		Margin Increase

CGC 2021 ARM Docket CGC Hickerson Supplemental Exhibit ARH-7 Revised Schedule 17.1 Exhibit ARH-7 REVISED

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

Line No.	Description			% of Total by Rate Schedule	venue Per Rate nedule Docket 20-00049	% of Total by Rate Schedule	Normalized Revenue Historic Base Period	% Increase	Target Equal % Increase	
	Sales & Transportation Margin									
1	Residential (R-1)	\$	14,746,292	a/	44.81%	\$ 17,125,507	44.57%	17.413.018	17.28%	3,009,558
2	Multi-Family (R-4)	•	28,579		0.09%	\$ 32,829	0.09%	32,677	17.28%	5,648
3	Commercial (C-1)		3,648,001	a/	11.08%	\$ 4,067,059	10.58%	4,061,595	17.28%	701,981
4	Commercial (C-2)		8,592,933	a/	26.11%	\$ 10,461,069	27.23%	10,603,404	17.28%	1,832,627
5	Industrial (F-1/T-2)		2,114,124	a/	6.42%	\$ 2,640,164	6.87%	2,967,546	17.28%	512,892
6	Industrial (I-1)		36,274	a/	0.11%	\$ -	0.00%	-	17.28%	-
7	Industrial (T-1)		1,082,153	a/	3.29%	\$ 1,175,368	3.06%	1,136,750	17.28%	196,469
8	Industrial (F-1/T-2/T-1)		1,333,342	a/	4.05%	\$ 1,658,066	4.32%	1,855,065	17.28%	320,618
9	Industrial (T-3)		1,329,837	a/	4.04%	\$ 1,264,408	3.29%	1,274,102	17.28%	220,208
10	Special Contract			a/	0.00%		-			-
11	Total Sales and Transport Margin	\$	32,911,534	a/	100.00%	\$ 38,424,471	100.00%	39,344,156	•	6,800,000
12	Other Revenue		687,351	b/		745,199		1,003,751		-
13	Total Margin	\$	33,598,885	a/		\$ 39,169,670		40,347,907		6,800,000
14	Increase in Revenue Deficiency Schedule 1							\$ 6,800,000.00		% Increase 17.28%

Linked to Schedule 5 p4 Linked to Schedule 1 K25