#### FILED ELECTRONICALLY IN DOCKET OFFICE ON 09/27/18



Archie R. Hickerson

Director-Rates and Tariff Administration

10 Peachtree Place Atlanta, GA, 30309 404 584 4570 tel 404 416 9975 cell ahickers@southernco.com

September 25, 2018

Chairman Robin Morrison Tennessee Public Utility Commission C/o Sharla Dillon, Docket Room 460 James Robertson Parkway Nashville, TN 37243-0505

DOCKET NO. 18-00102

Re: Chattanooga Gas Company's Actual Cost Adjustment filing for the period of July 1, 2017-June 30, 2018 in compliance with Tennessee Public Utility Commission Rule 1220-4-7-.03(2).

Dear Chairman Morrison,

Attached is an original and three copies of the Summary of the Transactions in Chattanooga Gas Company's Deferred Gas Cost Account for the twelve months ended June 30, 2018 and the computation of ACA factors effective November 1, 2018 (Attachment A) as required by Tennessee Public Utility Commission's Administrative Rule 1220-4-7-.03(2).

The resulting ACA factors are:

Rate Schedule	ACA Commodity Factor
R-1/R-4 C-1	(\$0.06423 / Therm) (\$0.06423 / Therm)
A/C	(\$0.02503 / Therm)
I-1	(\$0.2503 / Dth)

Services with two part (Demand and Commodity Rates)

	ACA Demand	ACA Commodity
Rate Schedule	Factor	Factor
C-2	(\$1.5137 / Dth)	(\$0.02503 / Therm)
F-1	(\$1.5137 / Dth)	(\$0.2503/ Dth)
T-2/T-3	(\$1.5137/ Dth)	

Also enclosed are an original and three copies of Chattanooga Gas Company Tariff No. 1 One Hundred Twelfth Revised Sheet No. 55 with the proposed ACA factors.

This filing includes the adjustment as recommended by the Commission Staff's WNA audit in Docket 18-00076.

Copies of the underlying detailed accounting documents needed for the audit of the PBR and the ACA filings have been provided to the Commission Staff in electronic format on CD and on paper. The supporting documentation is provided on a confidential basis.

If you or the Commission Staff have questions, please call me at 404 584 4570.

Sincerely,

Archie R. Hickerson, CPA, CGMA

Director-Rates and Tariff Administration



## CURRENT LEVEL OF SURCHARGES AND REFUND CREDITS

## AMOUNTS INDICATED BELOW APPLY TO THE BILLING DETERMINANTS OF EACH INDIVIDUAL RATE SCHEDULE

Ç	Commercial Air	Therm	0.0000	(0.02503)	(0.0026)		(0.0276) (0.0276)
(	Medium Commercial and Industrial Commodity	Therm	0.00000	(0.02503)	(0.0026)		(0.0276)
Ć	य व्य		(1.1580)	(1.5137)			(2.6717)
,	<u> </u>	Therm	(0.03164)	(0.06423)	(0.0026)	0.0091	(0.0985) (0.0894) (2.6717)
0	<u> </u>	Therm	(0.03164)	(0.06423)	(0.0026)		(0.0985)
7	<u></u>		(0.03164)	(0.06423)	(0.0026)	0.0077	(0.0908)
e H	Low Volume Transport	Demand DT	(1.1580)	(1.5137)			(2.6717)
c F	Interruptible Transportation Service With Firm Gas Supply Backup	Demand DT	(1.1580)	(1.5137)			(2.6717)
Σ	ial and rial tible rvice	Commodity DT	0.0000	(0.2503)	(0.0258)		(0.2761)
Ţ	Commercial and Industrial Large Volume Firm Sales Service	Commodity DT	0.0000	(0.2503)	(0.0258)		
7	Commercial and Industrial Large Volume Firm Sales Service	Demand DT	(1.1580)	(1.5137)		****	(2.6717) (0.2761)
	RATES \	Billing Unit:	IMCR Surcharge(Refund) 07-18*	ACA Surcharge(Refund) 11-18**	Chattanooga Franchise Adj Credit ***	Alignment and Usage Adjustment (AUA)****	TOTAL ==

I-1/T-1/T-2/T-3 Commodity DT

(0.0258)

Chattanooga Franchise Adj Credit

**EFFECTIVE: NOVEMBER 1, 2018** 

<sup>\*</sup> IMCR surcharge(

<sup>\*\*</sup> Effective November 1, 2018. ACA 10-17 Effective October 1, 2017 terminated October 31, 2018. \*\*\* Effective July 1, 2011

<sup>\*\*\*\*</sup>Effective August 1, 2018. AUA Effective August 1, 2017 terminated July 31, 2018

CHATTANOOGA GAS COMPANY GAS TARIFF TRA NO. 1

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One Hundred and Twelfth Revised Sheet No. 55

## AMOUNTS INDICATED BELOW APPLY TO THE BILLING DETERMINANTS OF EACH INDIVIDUAL RATE SCHEDULE

	F-1	F-	7	T-2	T-3	R-1	Я. 4	<u>-</u>	C-5	C-2	A/C
RATES	Commercial and Industrial Large Volume Firm Sales Service	Commercial and Industrial Large Volume Firm Sales Service	Commercial and Industrial Interruptible Sales Service	Interruptible Transportation Service With Firm Gas Supply Backup	Low Volume Transport	Residential	Multi-Family	Small Commercial and Industrial	Medium Commercial and Industrial Demand	Medium Commercial and Industrial Commodity	Commercial Air Conditioning
Billing Unit:	Demand DT	Commodity	Commodity	Demand DT	Demand DT	Therm	Therm	Therm	TO	Therm	Therm
IMCR Surcharge(Refund) 07-18*	(1.1580)	0.0000	0.0000	(1.1580)	(1.1580)	(0.03164)	(0.03164)	(0.03164)	(1.1580)	0.00000	0.00000
ACA Surcharge(Refund) 11-18**	(1.5137)	(0.2503)	(0.2503)	(1.5137)	(1.5137)	(0.06423)	(0.06423)	(0.06423)	(1.5137)	(0.02503)	(0.02503)
Chattanooga Franchise Adj Credit ***		(0.0258)	(0.0258)			(0.0026)	(0.0026)	(0.0026)		(0.0026)	(0.0026)
Alignment and Usage Adjustment (AUA)****	JA)****					0.0077		0.0091			
TOTAL	(2.6717)	(0.2761)	(0.2761)	(2.6717)	(2.6717)	(0.0908)	(0.0985)	(0.0894)	(2.6717)	(0.0276)	(0.0276)

I-1/T-1/T-2/T-3 Commodity DT

(0.0258)

Chattanooga Franchise Adj Credit

<sup>\*</sup> IMCR surcharge(

<sup>\*\*</sup> Effective November 1, 2018. ACA 10-17 Effective October 1, 2017 terminated October 31, 2018. \*\*\* Effective July 1, 2011

<sup>\*\*\*\*</sup>Effective August 1, 2018. AUA Effective August 1, 2017 terminated July 31, 2018

**EFFECTIVE : NOVEMBER 1, 2018** 

****Effective August 1, 2018.	
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ISSUED: SEPTEMBER 25, 2018 ISSUED BY: WENDELL DALLAS, VP

CURRENT LEVEL OF SURCHARGES AND REFUND CREDITS

CHATTANOOGA GAS COMPANY GAS TARIFF

TRA NO. 1

One Hundred and Twelfth Revised Sheet No. 55

AMOUNTS INDICATED BELOW APPLY TO THE BILLING DETERMINANTS OF EACH INDIVIDUAL RATE SCHEDULE

	7	7	Σ	T-2	£- <u>+</u>	- <del>7</del>	ጽ 4	<del>ا</del>	C-2	C-5	A/C
RATES	Commercial and Industrial Large Volume Firm Sales Service	Commercial and Industrial Large Volume Firm Sales Service	Commercial and Industrial Interruptible Sales Service	Interruptible Transportation Service With Firm Gas Supply Backup	Low Volume Transport	Residential	Small Commerois and Multi-Family Industrial	Small Commercial and Industrial	Medium Commercial and Industrial Demand	Medium Commercial and Industrial Commodity	Commercial Air Conditioning
Billing Unit:	Demand DT	Commodity DT	Commodity DT	Demand DT	Demand DT	Therm	Therm	Therm	TO	Therm	Therm
				*							
IMCR Surcharge(Refund) 07-18*	(1.1580)	0.0000	0.0000	(1.1580)	(1.1580)	(0.03164)	(0.03164)	(0.03164)	(1.1580)	0.00000	0.0000
ACA Surcharge(Refund) 11-18**	(1.5137)	(0.2503)	(0.2503)	(1.5137)	(1.5137)	(0.06423)	(0.06423)	(0.06423)	(1.5137)	(0.02503)	(0.02503)
Chattanooga Franchise Adj Credit ***	*	(0.0258)	(0.0258)			(0.0026)	(0.0026)	(0.0026)		(0.0026)	(0.0026)
Alignment and Usage Adjustment (AUA)****	UA)****				9	0.0077		0.0091			
TOTAL	(2.6717) (0.2761	(0.2761)	(0.2761)	(2.6717)	(2.6717)	(0.0908)	(0.0985)	(0.0894)	(2.6717)	(0.0276)	(0.0276)
Chattanooga Franchise Adj Credit			I-1/T-1/T-2/T-3 Commodity DT (0.0258)								

<sup>\*</sup> IMCR surcharge(

<sup>\*\*</sup> Effective November 1, 2018. ACA 10-17 Effective October 1, 2017 terminated October 31, 2018. \*\*\* Effective July 1, 2011

AUA Effective August 1, 2017 terminated July 31, 2018

CHATTANOOGA GAS COMPANY GAS TARIFF

TRA NO. 1

One Hundred and Twelfth Revised Sheet No. 55

# CURRENT LEVEL OF SURCHARGES AND REFUND CREDITS

## AMOUNTS INDICATED BELOW APPLY TO THE BILLING DETERMINANTS OF EACH INDIVIDUAL RATE SCHEDULE

8	Œ	Σ	7	T-2	5-	<del>7</del> -	А. 4	?	C-2	C-5	AC
RATES	Commercial and Industrial Large Volume Firm Sales Service	Commercial and Industrial Large Volume Firm Sales Service	Commercial and Industrial Interruptible Sales Service	Interruptible Transportation Service With Firm Gas Supply Backup	Low Volume Transport	Residential	Multi-Family	Small Commercial and Industrial	Medium Commercial and Industrial Demand	Medium Commercial and Industrial Commodity	Commercial Air Conditioning
Billing Unit:	Demand DT	Commodity DT	Commodity DT	Demand DT	Demand DT	Therm	Therm	Therm	TO	Therm	Therm
						258					
IMCR Surcharge(Refund) 07-18*	(1.1580)	0.000	0.0000	(1.1580)	(1.1580)	(0.03164)	(0.03164)	(0.03164)	(1.1580)	0.00000	0.0000
ACA Surcharge(Refund) 11-18**	(1.5137)	(0.2503)	(0.2503)	(1.5137)	(1.5137)	(0.06423)	(0.06423)	(0.06423)	(1.5137)	(0.02503)	(0.02503)
Chattanooga Franchise Adj Credit ***	*	(0.0258)	(0.0258)			(0.0026)	(0.0026)	(0.0026)		(0.0026)	(0.0026)
Alignment and Usage Adjustment (AUA)****	,UA)****					0.0077		0.0091			
TOTAL	(2.6717)	(0.2761)	(0.2761)	(2.6717)	(2.6717)	(0.0908)	(0.0985)	(0.0894)	(2.6717)	(0.0276)	(0.0276)
						ii .					

<sup>(0.0258)</sup> I-1/T-1/T-2/T-3 Commodity DT

**EFFECTIVE : NOVEMBER 1, 2018** 

Chattanooga Franchise Adj Credit

<sup>\*</sup> IMCR surcharge(

<sup>\*\*</sup> Effective November 1, 2018. ACA 10-17 Effective October 1, 2017 terminated October 31, 2018. \*\*\* Effective July 1, 2011

<sup>\*\*\*\*</sup>Effective August 1, 2018. AUA Effective August 1, 2017 terminated July 31, 2018

	VALYSIS OF DEFERRED DAS COST	
HATTANOOGA GAS COMPANY	AS	The same of the sa
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A Line Commodity	2017	2017 AUGUST -2	2017 SEPTEMBER -3	2017 OCTOBER -4	2017 NOVEMBER -5	2017 DECEMBER -6	2018 JANUARY	2018 FEBRUARY -6	2018 MARCH	2018 APRII	2018	2018	
Beginning Balance     ACA Audit Findings     WNA Audit Findings	\$0.00 \$0.00 \$0.00	\$112,263.74 \$0.00 \$0.00	(\$27,253.80) \$0.00 \$0.00	(\$259,195.94) \$0.00 \$0.00	(\$331,\$31.21) \$0.00 \$0.00	(\$740,202.53) \$0.00 (\$4.582.73) A3-6	(\$1,047,744.33) \$0.00 \$0.00	(\$1,068,055.14) \$0.00 \$0.00	50.00 320.781	\$0.20	82.93) \$0.00 \$0.00	\$0.00	(\$23,189.14) \$0.00
B Invoiced Commodity Gas Costs	\$1,681,661.77 81	\$1,610,615.25 B2	\$1,661,765,45 03	\$2,775,329.18 84	\$886,964,74 85	52,486,304.26 86	\$4,527,258.44 B7	\$1,370,094.59 BB	51,785,985.36 89	53,384,013,35 810	110	\$1,782,440.15 812	\$26,159,672.51
Coat of Gas Recovered - Commodity Throughout Milmer - Sequent Other Supplier - For the service of Control Supplier - Coat Recover - Coat Reco	(\$16,692.31) C1-1 (\$588.68) C2-1 (\$752.483.41) C1-1 \$31,756.70 C4-1 \$0.00	(\$3,718.76) G1-2 \$4,819.52 G2-2 (\$78,88.88.05) G1-2 \$3,115.50 G4-2 \$0.00	\$1,146.50 CL-3 (\$77.65,11) CL-3 (\$77.545,08) CL-3 \$31,555,22 C4-3 \$0.00	\$5,675,49 CL-4 (\$58,431,18) C2-4 (\$986,115,11) CL-4 \$6,623.50 C4-4	[\$4,487,09] CLS \$13,424,96 CLS [\$1,795,540,97] CLS \$1,522.04 CLS \$0.00		(\$435.34151) C27 (\$435.34151) C27 (\$6,056,038,39) C27 \$6,2510 C47 \$000	(\$2,244,28) CL-8 (\$10,187.95) C2-8 (\$4,774,246,21) CL-8 \$5,055.38 C4-8 \$0.00	(\$6,442,64) CL9 \$34,288.56 C29 \$2,830.25 C49 \$0.00	\$596.38 Ct-10 \$6.454.10 C2-10 \$2.666.439.85 Ct-10 \$2.766.82 Ct-10 \$2.000			(\$45,641,43) (\$333,699,35) (\$26,762,068,28) \$126,315,22
D Cycle Billing 1 Current Month Deferred Gas Cost - Unbilled 2 Reversal of Prior Month Deferred Gas Cost - Unbilled	(\$150,887.48) <b>D1-1</b> \$269,464.14 <b>D1-0</b>	(\$98,906.31) D1.2 \$150,887.48 D1.1	(\$306,960,81) D1-3 \$98,906,31 D1-2	(\$742,493.21) D1-4 \$306,960.81 D1-3	(\$1.525,535,37) D1-5 \$742,493,21 D1-4	(\$2.8\$7.035.47) D1-6 \$1.525,535.37 D1-5	(53.708,648.06) D1.7 \$2.857.035.47 D1.6	(\$2,055,871,62) <b>D1.8</b> \$3,708,648.06 <b>D1.7</b>	(\$2,444,751,24) D1-9 \$2,055,871,62 D1-8	(\$1,550,942,39) D1-10 \$2,444,751,24 D1-9	(\$933,208,74) 11.10 (\$1,50,942.39	(\$451.338.85) <b>D1-12</b> \$933.208.74 <b>D1-11</b>	(\$16,826,579,55) \$16,644,704,84
Internative Adulytic     Internative Adulytic     Internative Adulytic     Statistication & Ethnia removal turbine (set)     Wildingstation are removal     Statistication     S	100 000 000 000 000 000 000 000 000 000	\$1,081,092,231 [12.2 \$0.00 \$11,02.92.78 [1.2 \$0.00 \$1.	(5804,770,48) (584,104,48) (584,104,48) (584,104,48) (584,104,18) (584,18) (5	FITT (CELL/CS) FOIL (	Setti (12, 257.528)  Otto Control Cont	9-110 (CZ 24/28) 00 00 9-21 (CT 24/208) 00 00 9-21 (CT 24/208) 00 00 9-21 (CT 24/208) 9-21 (CZ 24/28) 9-21 (CZ 24/28)	Full (Table) (S18)	158.007.082 158.007.082 158.007.082 158.007.082 158.007.082 158.007.082 158.007.082 158.007.082 159.0	6-111 (J. Joe (S) 6-01 (H NOCOLS) 6-01 (M NOCOLS) 6-01 (M NOCOLS) 6-01 (M NOCOLS)	1711 (87 % 69 %)  1711 (87 % 69 %)  1711 (87 % 69 %)  1711 (87 %)  171	1141 (00 LEVELTS) 1140 (00 LEVELTS) 1140 (00 LEVELTS) 1140 (00 LEVELTS) 1141 (00 LEVELTS)	21.27.21.9.27. (19.27.21.27.27.21.27.27.21.27.21.27.21.27.21.27.21.27.21.27.21.27.27.27.27.27.27.27.27.27.27.27.27.27.	(57.526.857.97) (58.62.127.77) (58.62.127.77) (58.62.127.77) (58.62.127.77) (58.62.127.77) (58.62.127.77) (58.62.127.77)
historianeau  1 processor of construction of c	\$10,702.11 R1-1 \$0.00 \$10.00 \$0.00 \$0.00 \$0.00	\$4.206.73 F1-2 \$0.00 (\$13.27) F3-2 \$0.00 \$0.00 \$50.00 \$586.10 F6-2	(\$3,667.16) F.P.3 \$0.00 (\$12.22) F.P.3 \$0.00 (\$150.00) F.P.3 \$0.00	50 00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	\$0.00 P.U.S \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	155,601,31) F1-6,500 5000 15002.97) F3-6,500 6002.97) F3-6	\$4,231.43 F1.7 \$0.00 \$0.00 \$0.00 \$0.00	\$1,447.85 Faul \$0.00 \$26.743 Faul \$0.00 \$0.00	\$2,040.83 Falsy \$0.00   \$5,000	0008 0008 0008 0008 0008 0008		\$16,100 16 \$1.12 \$0.00 \$11,100 \$5.12 \$0.00 \$0.00 \$0.00	\$55.168.55 \$0.00 \$
Commodity Ending Balance Before Interest	\$112,116.74	(\$27,393.80)	(\$258,723.94)	(\$330,497.21)	(\$738,325.53)	(\$1,044,613.33)	(\$1,064,315.14)	(\$2,143,590.36)	(\$2,343,873.20)	(\$2,345,334.93)	(\$2,431,190,01)	(\$1.932.520.53)	(\$1.891.248.53)
6 1 Average Monthly Balance 2 Interest Rate 3 Calculated Interest-Commodity	544,464,00 3,60%, 62.3 \$147,00 GJJ,	\$42,435.00 3.80% G2:2 \$140.00 G3-2	(\$142,989.00) 3.80% G2.3 (\$472.00) G3.3	(\$294.847.00) 4.21% G2-4 (\$1.034.00) G3-4	(\$1,877.00) G3.5	(\$892,408.00) 4.21% G2-6 (\$3,131.00) G3-6	(\$1,056,030,00) 4,25% 62:7 (\$3,740,00) 63-7	(\$1,605,823.00) 4.25% G2:6 (\$5,687.00) G3-6	(\$2.246,575.00) 4.25% G2-9 (\$7.957.00) G2-9	(\$2,348,583,00) 4,47% G2.10 (\$8,748,00) G3-10	(\$2.392.036.00) 4.47% G2-11 (\$6.013.00) G3-11	(\$2.186.312.00) 4.47% G2.12 (\$8.144.00) G3.12	(\$957,219.00)
Commodity Ending Balance Including Interest	\$112,263.74	(\$27,253.80)	(\$259,195.94)	(5331,531.21)	(\$740,202.53)	(\$1,047,744.33)	(\$1,068,055.14)	(\$2,149,277.36)	(\$2,351,830.20)	(\$2,354,082.93)	(\$2,440,103.01)	(\$1,940,664.53)	(\$1,940,664.53)
Line Demand	2017	2017 -2	2017 SEPTEMBER	2017	2017 NOVEMBER	2017	2018	2018	2018	2018	2018	100	
Beginning Balance     AcA Audit Findings     WNA Audit Findings	\$0.00 2-1 \$0.00 3-1	2.20) 50.00 50.00	(\$415,544.06) \$0.00 2-3 \$0.00 3-3	\$240,652.89 \$0.00 244 \$0.00 344	288	32	10.43) \$0.00 \$0.00	(\$3,591,216.10) 50.00 2.8 50.00 3.8	\$0.00 \$0.00	(\$4,528,347.84) \$0.00 2.10 \$0.00 3.10	(\$4,290,285.02) \$0.00 2-11 \$0.00 3-11	(\$3,531,753.16) \$0.00 \$12 \$0.00 \$12	(\$1,613,688.60) \$0.00
U Invoiced Demand Gas Costs	\$1,069,118.74 B1	\$1,253,491.24 82	\$1,247,543.74 83	\$1,253,501.34 B4	\$1,233,292.43 B5	\$1,238,764.13 86	\$1,238,764.13 67	\$1,222,349.03 BB	\$1,238,764,13 89	51,233,292,43 810	\$1,238,764,13 811		\$0.00
C Cost of Gas Recovered - Demand 3 Cost Recovery - Sales Cutomers 4 ACA Refund/Surchuse 5 Transportation Billings - Ppeline Refunds	(\$667,638.38) CD-1 \$24,238.81 C4-1 \$0.00 C5-1	(\$275,301,37) C3.2 \$23,830,92 C4.2 \$0,00 C5.2	(\$\$49,848.52)	(\$707.105.38) C3-4 \$70,862,72 C4-4 \$0.00 C5-4	(\$1.205,006,79) C3-5 \$129,760,58 C4-5 \$0.00 C5-5	(\$2,360,494,44) CD-6 \$232,524,23 C4-6 \$0.00 CS-6	(\$3,709,556,00) CD-7 (\$39),225,14 C4-7 (\$0.00 C5-7	(\$2.096,086,55) Ch8 \$329,492.43 C48 \$0.00 C5-8	(\$1,776,808,67) C3-9 \$196,218.22 C4-9 \$0.00 C5-9	(\$1.598,872.02) C3-10 \$191,397.38 C4-10 \$0.00 C5-10	(\$924,052.70) G3-11 \$111,733.78 G4-11 \$0.00 G5-11	(\$611,612,45) C3-12 \$71,245,13 C4-12 \$0.00 C5-12	(\$17,483,463,27) \$1,805,850.92 \$0.00
D Cycle Billing 1 Current Month Deferred Gas Cost - Unbilled 2 Reversal of Prior Month Deferred Gas Cost - Unbilled	(\$140,110,26) <b>D1-1</b> \$203,816,19 <b>D2-1</b>	(\$126,008,23) D1-2 \$140,110,26 D2-2	(\$190,368.79) DL-3 \$126,008.23 D2-3	(\$465,149,37) D1-4 \$190,368.79 D2-4	(\$876,554,85) D1-5 \$465,149,37 D2-5	(\$1,582,287,86) D1-6 \$876,554.85 D2-6	152,029,627,11) <b>D1-7</b> 51,582,287,86 <b>D2-7</b>	(\$1,029,561,99) D1-8 \$2,029,627,11 D2-8	(\$1,152,795,06) <b>D1-9</b> \$1,029,561,99 <b>D2-9</b>	(\$723,985,94) <b>D1-10</b> \$1,152,795,06 <b>D2-10</b>	(\$377,187.60) D1-11 \$722,985.94 D2-11	(\$228,822.07) <b>D1-12</b> \$377,187,60 <b>D2-12</b>	\$0.00 \$0.00 (\$6,922,459,13) \$8,897,453.25
H Miscellaneous 1 Sandby Charge 2 Adjustment for incorrect billing factors 3	\$0.00 S	(\$170.69) H1.2 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	(\$170,69) H1-5 \$0.00	(\$170.69) H1-6 \$0.00	\$170.69) H±7. \$0.00	\$170.69) H1-8 \$0.00	(\$170,69) <b>H1-9</b> \$0.00	02170,69) H1-10 50.02	(\$170,69) H1-11 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 (\$2.048.28)
Demand Ending Balance Before Interest	(\$1,124,434.20)	(\$413,000.06)	\$240,940.89	\$582,960.30	\$330,815.35	(\$1,062,629.43)	(\$3,582,987.10)	(\$4,036,446.76)	(\$4,513,183.84)	(\$4,273,891.02)	(\$3,517,212.16)	(\$2,690,833.21)	(\$2,617,417.21)
Average Monthly Balance     Interest Rate     Galculated Interest-Demand	(\$1,349,061,00) 3,96% G2-1 (\$4,518,00) G3-1	(\$770,876.00) 3.96% G2-2 (\$2,844.00) G3-2	(\$87,302.00) 3.96% G2.3 (\$288.00) G3.3	\$411.807.00 4.21% G2-4 \$1,445.00 G3-4	\$457,010.00 4.21% G2:5 \$1,005.00 G3:5	(\$385,105.00) 4.21%, G2-6 (\$1,281.00), G3-6	(\$2,323,449.00) 4,25% G2-7 (\$6,229.00) G3-7	(\$3,813,831.00) 4,25% <b>62.8</b> (\$13,607.00) <b>63-6</b>	(\$15.1569.00) 4.25% 62:9 (\$15.184.00) 63:9	(\$4.401.119.00) 4.47% G2-10 (\$19.394.00) G3-10	(\$3,803,748 00) 4 47% G2-11 (\$14,541 00) G3-11	(\$3,111,283.00) 4.47% G2-12 (\$11,590.00) G3-12	(\$2,116,663,00)
64 Demand Ending Balance Including Interest	(\$1,128,952.20)	(\$415,544.06)	\$240,652.89	\$584,405.30	\$332,420.35	(\$1,063,910.43)	(\$3,591,216.10)	(\$4,049,953.76)	(\$4,528,347.84)	(\$4,290,285.02)	(\$3,531,753.16)	(\$2,702,423.21)	(\$2,702,423.21)
Line Total ACA	2017 JULY	2017 AUGUST	2017 SEPTEMBER	2017 OCTOBER			2018 JANUARY	2018 FEBRUARY	2018 MARCH	2018 APRIL	2018 MAY	2018 JUNE TOTALS	9
65 Total ACA Ending Balance (including interest) 66 Total Current Month ACA interest	(\$1,016,688.46) (\$4,371.00)	(\$2,404.00)	(\$18,543.06) (\$760.00)	\$252,874.08 \$411.00	(\$407,782.18)	(\$2,111,654.76) (\$4,412.00)	(\$4,659,271.24) (\$11,969.00)	(\$6,199,231.12) (\$19,194.00)	(\$6,880,178.05)	(\$6,644,367.95) (\$25,142.00)	,454.00)	,734.00)	(\$4,643,087.74)

CHATTANOOGA GAS COMPANY COMPUTATION OF ACA FACTORS BASED ON VOLUMES 12 MONTHS ENDED JUNE 30, 2018 EFFECTIVE NOVEMBER 1, 2018

TOTAL Per Commodity Unit DT		(\$0.6423)	
Commodity Per Unit DT	(\$0.2503) (\$0.2503) (\$0.2503)	100	
Demand Per Demand Per Commodity Commodity Unit DT Unit DT Unit DT		(\$0.3920)	S.
Demand Per Unit DT	(\$1.5137)	(\$1.5137)	
TOTAL		(\$2,883,114)	(\$4,643,088)
Commodity	(\$127,315) (\$11,778) (\$678,079)	(\$1,123,492)	(\$1,940,665) (\$4,643,088)
Demand	(\$320,165)	(\$90,541)	(\$2,702,423)
Annual Commodity DT Sales	508,669 47,058 2,709,162	4,488,738	7,753,627
Contract Con	17,626 29,293	4,984 96,870	148,773
RATE SCHEDULE	Firm Industrial (F-1&T-2) Interruptible Industrial ( I-1) Med Com & Ind (C-2)	T-3 ALL OTHER (R-1, R-4, C-1)	TOTAL

Design Day Demand

CHATTANOOGA GAS COMPANY
Dth SALES & TRANSPORTATION DEMAND AND VOLUMES BY RATE CLASS
TWELVE MONTHS ENDED:
June 30, 2018

																	Total	52,525	54,441	53,017	55,224	53,198	52,481	49,867	50,186	47,724	53,063	50,012	51,095	622,833
	% of Annual Sales	22.2%	18.1%	10.2%	86.6	5.4%	3.2%	2.8%	2.8%	2.8%	3.5%	6.4%	12.6%	100%		IITS	C-5	29,247	31,196	29,260	31,493	29,470	29,273	28,614	28,551	26,114	31,449	28,368	28,477	351,512
S		1.723.945	1,404,021	789,188	768,276	416,085	251,082	217,363	219,795	215,335	273,479	495,154	979,904	7,753,627		DEMAND UNITS	T-3	5,155	5,155	4,869	4,869	4,869	4,353	4,769	5,155	5,155	5,155	5,155	5,155	59,813
SALES	WINTER	1.723.945		789,188	768,276							495,154	979,904	6,160,488	78%		F - 1/T-2	18,123	18,090	18,887	18,863	18,859	18,855	16,484	16,480	16,456	16,458	16,489	17,464	211,508
×						416,085	251,082	217,363	219,795	215,335	273,479			1,593,139	22%			l											,	l.
•	% of Annual Throughput SUMMER	15.7%	13.6%	10.0%	9.4%	6.7%	5.3%	2.0%	5.3%	5.1%	2.7%	7.4%	10.7%	100%			T-3	76,622	58,943	60,350	49,131	33,471	27,049	31,380	34,888	36,672	45,468	56,450	65,554	575,977
	TOTAL SALES & TRANSPORTATION VOLUMES T	2,337,666	2,030,325	1,490,875	1,405,101	997,588	791,272	740,985	788,994	754,359	848,509	1,104,719	1,595,600	14,885,993		OLUMES	T-2	195,553	199,012	240,318	218,050	187,083	175,874	141,105	161,665	138,946	146,393	158,450	174,148	2,136,594
; ;	IOIAL TRANSPORTATION VOLUMES T-1, T-2 T & T-3	613,721	626,304	701,686	636,825	581,504	540,190	523,622	569,199	539,024	575,030	995'609	615,696	7,132,366	48%	TRANSPORTATION VOLUMES	*1-1	341,546	368,349	401,019	369,644	360,950	337,268	351,138	372,646	363,406	383,169	394,666	375,994	4,419,794
	TOTAL	1,723,945	1,404,021	789,188	768,276	416,085	251,082	217,363	219,795	215,335	273,479	495,154	979,904	7,753,627	92%		C-2	466,714	454,837	268,121	276,089	176,999	121,009	113,161	111,902	102,257	136,321	183,770	297,982	2,709,162
	All Other	1,605,871	1,362,458	754,695	734,661	383,179	209,784	191,850	185,901	179,328	231,413	457,335	901,424	7,197,900			C-1	221,009	183,512	87,655	77,749	31,557	13,248	9,841	9,842	9,469	12,402	37,005	97,860	791,148
	7	3,396	4,099	5,077	3,950	3,651	3,693	3,683	3,627	3,132	3,401	4,873	4,477	47,058		ES	R-4	1,419	1,367	779	813	268	353	240	222	246	253	397	765	7,421
	F-1	114,678	37,465	29,416	29,666	29,255	37,604	21,829	30,267	32,875	38,665	32,945	74,003	508,669		SALES VOLUMES	R-1	916,729	722,742	398,141	380,010	174,055	75,174	68,610	63,935	67,356	82,437	236,163	504,817	3,690,169
	Month	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL		Ś	Month	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	TOTAL

 $<sup>^{\</sup>star}$  SS-1 and Discounted Volumes are included in T-1 Transportation . Incremental gas included in I-1 sales

51,903

29,293

4,984

17,626

Average

#### CHATTANOOGA GAS COMPANY PURCHASED GAS REFUNDS DUE CUSTOMERS CALCULATION OF INTEREST FY 2018

E.B. INCLUDING INTEREST	(\$1,068,055.25) (\$2,149,277.36) (\$2,351,830.20) (\$2,354,082.93) (\$2,440,103.01) (\$1,940,664.53) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	E.B. INCLUDING INTEREST	(\$3,591,216.10) (\$4,049,953.76) (\$4,528,347.84) (\$4,290,285.02) (\$3,531,753.16) (\$2,702,423.21) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
Current Month Journal Entry ACCUMULATED ADJUSTMENT	(\$34,575.11) (\$35,561.11) (\$35,387.11) (\$35,726.11) (\$36,690.11) (\$36,948.11) (\$36,948.11) (\$36,948.11) (\$36,948.11) (\$36,948.11) (\$36,948.11) (\$36,948.11) (\$36,948.11)	Journal Entry ACCUMULATED ADJUSTMENT	\$4,094.00 \$4,127.00 \$4,159.00 \$4,192.00 \$4,235.00 \$4,311.00 \$4,311.00 \$4,311.00 \$4,311.00 \$4,311.00 \$4,311.00
AMOUNT	(\$2,520.00) (\$4,701.00) (\$8,131.00) (\$8,409.00) (\$7,949.00) (\$7,886.00) (\$7,886.00) \$0.00 \$0.00 \$0.00 \$0.00	AMOUNT RECORDED	(\$8,262.00) (\$13,540.00) (\$15,196.00) (\$16,427.00) (\$14,584.00) (\$11,666.00) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
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CURRENT MO. INT. TO RECORD	\$3,740.11) (\$5,687.00) (\$7,957.00) (\$8,748.00) (\$8,913.00) (\$8,144.00) \$0.00 \$0.00 \$0.00 \$0.00	CURRENT MO. INT. TO RECORD	\$8,229.00) (\$13,507.00) (\$15,164.00) (\$16,394.00) (\$14,541.00) (\$11,590.00) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
INTEREST RATE	0.3542% 0.3542% 0.3725% 0.3725% 0.0000% 0.0000% 0.0000% 0.0000%	INTEREST RATE	0.3542% 0.3542% 0.3725% 0.3725% 0.0000% 0.0000% 0.0000% 0.0000%
AVERAGE BALANCE	(\$1,056,030.00) (\$1,605,823.00) (\$2,246,575.00) (\$2,348,583.00) (\$2,392,636.00) (\$2,186,312.00) (\$2,186,312.00) (\$970,332.00) \$0.00 \$0.00 \$0.00	AVERAGE BALANCE	(\$2,323,449.00) (\$3,813,831.00) (\$4,281,569.00) (\$4,401,119.00) (\$3,903,749.00) (\$3,111,293.00) (\$1,351,212.00) \$0.00 \$0.00 \$0.00
E.B BEFORE INTEREST	(\$1,064,315.14) (\$2,143,590.36) (\$2,343,873.20) (\$2,345,334.93) (\$2,431,190.01) (\$1,932,520.53) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	E.B BEFORE INTEREST	(\$3,582,987.10) (\$4,036,446.76) (\$4,513,183.84) (\$4,273,891.02) (\$3,517,212.16) (\$2,690,833.21) (\$2,690,833.21) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
BEGINNING BALANCE 162-204	(\$1,047,744.33) (\$1,068,055.25) (\$2,149,277.36) (\$2,351,830.20) (\$2,354,082.93) (\$2,354,010.301) (\$1,940,664.53) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	BEGINNING BALANCE 162-205	(\$1,063,910,43) (\$3,591,216.10) (\$4,049,953.76) (\$4,290,285.02) (\$3,531,753.16) (\$2,702,423.21) (\$2,702,423.21) \$0.00 \$0.00 \$0.00 \$0.00
Commodity	JANUARY 18 FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	Demand	JANUARY 18 FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

### CHATTANOOGA GAS COMPANY PURCHASED GAS REFUNDS DUE CUSTOMERS CALCULATION OF INTEREST

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E.B. INCLUDING INTEREST	(\$137,139.86) \$84,930.77 (\$79,099.77) (\$1,952.34) \$38,693.16 (\$23,189.14) \$112,263.74 (\$27,253.80) (\$259,195.94) (\$331,531.21) (\$740,202.53)	E.B. INCLUDING INTEREST	(\$1,508,758.97) (\$2,040,596.45) (\$2,633,865.29) (\$2,383,190.16) (\$2,039,236.73) (\$1,613,688.60) (\$1,128,952.20) (\$415,544.06) \$240,652.89 \$584,405.30 \$332,420.35 (\$1,063,910.43)
Current Month Journal Entry ACCUMULATED IN ADJUSTMENT	(\$32,478.00) (\$31,016.00) (\$29,364.00) (\$22,715.00) (\$26,715.00) (\$40,835.00) (\$47,171.00) (\$47,508.00) (\$48,048.00) (\$48,565.00) (\$48,565.00) (\$48,568.00) (\$48,568.00) (\$48,568.00)	Journal Entry ACCUMULATED IN ADJUSTMENT III	\$4,090.00 \$3,993.00 \$3,791.00 \$3,791.00 \$4,174.00 \$4,174.00 \$4,223.00 \$4,292.00 \$4,393.00 \$4,393.00 \$6,393.00 \$6,393.00
AMOUNT A	(\$1,324.00) (\$1,538.00) (\$1,644.00) (\$1,774.00) (\$943.00) \$14,144.00 \$6,483.00 \$6,483.00 \$477.00 \$68.00 (\$517.00) (\$1,458.00) (\$2,547.00)	AMOUNT A	(\$2,643.00) (\$5,072.00) (\$6,605.00) (\$7,529.00) (\$7,424.00) (\$7,424.00) (\$7,424.00) (\$7,424.00) (\$7,424.00) (\$7,424.00) (\$4,543.00) (\$2,577.00) (\$324.00) \$1,410.00 \$1,572.00 (\$1,314.00)
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CURRENT MO. INT. TO RECORD	(\$447.00) (\$76.00) \$8.00 (\$125.00) \$57.00 \$24.00 \$147.00 (\$472.00) (\$1,034.00) (\$1,377.00) (\$1,377.00)	CURRENT MO. INT. TO RECORD	(\$2,614.00) (\$5,169.00) (\$6,807.00) (\$7,744.00) (\$6,826.00) (\$6,826.00) (\$5,638.00) (\$4,518.00) (\$2,544.00) (\$2,544.00) (\$1,445.00) \$1,445.00 \$1,605.00
INTEREST RATE	0.2917% 0.2917% 0.3092% 0.3092% 0.3300% 0.3300% 0.3508% 0.3508%	INTEREST RATE	0.2917% 0.2917% 0.3092% 0.3092% 0.3300% 0.3300% 0.3508% 0.3508%
AVERAGE BALANCE	(\$153,129.00) (\$26,067.00) \$2,912.00 (\$40,464.00) \$18,342.00 \$7,740.00 \$7,740.00 \$44,464.00 \$42,435.00 (\$142,989.00) (\$534,928.00) (\$534,928.00) (\$534,928.00)	AVERAGE BALANCE	(\$896,147.00) (\$1,772,093.00) (\$2,333,827.00) (\$2,504,656.00) (\$2,207,800.00) (\$1,823,644.00) (\$1,369,061.00) (\$1,369,061.00) (\$770,976.00) (\$87,302.00) \$411,807.00 \$457,610.00 (\$365,105.00)
E.B BEFORE INTEREST	\$85,006.77 (\$79,107.77) (\$1,827.34) \$38,636.16 (\$23,213.14) \$112,116.74 (\$27,393.80) (\$258,723.94) (\$330,497.21) (\$738,325.53) (\$1,044,613.33)	E.B BEFORE INTEREST	\$1,506,144.97) (\$2,035,427.45) (\$2,627,058.29) (\$2,375,446.16) (\$2,032,410.73) (\$1,608,050.60) (\$1,124,434.20) (\$1,124,434.20) (\$41,124,434.20) (\$5413,000.06) \$540,940.89 \$582,960.30 \$582,960.30
BEGINNING BALANCE 162-204	(\$169,565.27) (\$137,139.86) \$84,930.77 (\$79,099.77) (\$1,952.34) \$38,693.16 (\$23,189.14) \$112,263.74 (\$27,253.80) (\$259,195.94) (\$331,531.21) (\$740,202.53)	BEGINNING BALANCE 162-205	(\$286,149.01) (\$1,508,758.97) (\$2,040,596.45) (\$2,633,865.29) (\$2,383,190.16) (\$2,383,190.16) (\$1,613,688.60) (\$1,128,952.20) (\$1,128,952.20) (\$415,544.06) \$240,652.89 \$584,405.30 \$584,405.30
Commodity	JANUARY 17 FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	Demand	JANUARY 17 FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

Effective: November 1, 2018

				Chattanooga Franchise		nement I Usage	ihA	usted Non-						Total Refunds and	Р	otal Gas GA+Total funds and	Adj G	otal Billed Rate = justed Non- as Rate + Total Gas
		BA	SE RATES	Adjustment		ler AUA		Sas Rate		PGA		ACA	IMCR	Adjustments		justments		Rate
R-1 Residential General Service Rate Codes 101, 103, 121, 123	WINTER (NOV - APR) Base Use Charge/Bill Commodity Charge/Therm	\$	16.00 0.11591	(0.00260)		0.00770	\$	16.00 0.12101		0.55670		(0.06423)	(0.03164)	(0.09587)		0.46083	\$	16.00 0.58184
	SUMMER (MAY - OCT) Base Use Charge/Bill Commodity Charge/Therm	\$	13.00 0.11591	(0.00260)	\$	0.00770	\$	13.00 0.12101	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	13.00 0.58184
Non-Metered Gas Light Rate Code 601	18 Therm per Light per Month	\$	0.11591	(0.00260)	\$	0.00770	\$	0.12101	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	0.58184
Air Conditioning Rate Code 102, 122	SUMMER (MAY - OCT) Over 50 Therms	\$	0.03948	(0.00260)	\$	0.00770	\$	0.04458	\$	0.33088		(0.02503)	0.00000	(0.02503)	\$	0.30585	\$	0.35043
Standby Service Demand Charge	Rate Per Therm of Input per Month	\$	0.55					0.55		0.83990		(0.09039)	(0.11580)	(0.20619)		0.63371		1.18371
R-4 Multi-Family Housing Service Rate Code 367	WINTER (NOV - APR) Base Use Charge/Unit Commodity Charge/Therm SUMMER (MAY - OCT)	\$	6.00 0.21768	(0.00260)	\$	-	\$ \$	6.00 0.21508	\$	0.55670	(a)	(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$ \$	6.00 0.67591
	Base Use Charge/Bill Commodity Charge/Therm	\$ \$	6.00 0.19350	(0.00260)	\$	-	\$	6.00 0.19090	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	6.00 0.65173
Air Conditioning Rate Code 365	SUMMER (MAY - OCT) Flat Rate / Therm	\$	0.03948	(0.00260)	\$	•	\$	0.03688	\$	0.33088		(0.02503)	0.00000	(0.02503)	\$	0.30585	\$	0.34273
Standby Service Demand Charge	Rate Per Therm of Input per Month	\$	0.55			:		0.55		0.83990		(0.09039)	(0.11580)	(0.20619)		0.63371		1.18371
C-1 Commercial & Industrial General Service Rate Codes 311, 313, 511, 513,571	WINTER (NOV - APR) Base Use Charge/Bill Flat Rate / Therms	\$	29.00 0.18581	(0.00260)	s	0.00910	\$	29.00 0.19231	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	29.00 0.65314
	SUMMER (MAY - OCT) Base Use Charge/Bill Flat Rate / Therms	\$ \$	25.00 0.14589	(0.00260)	\$	0.00910	\$	25.00 0.15239	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	25.00 0.61322
Non-Metered Gas Light Rate Code 602 (C-1 & C-2)	WINTER (NOV - APR) 18 Therm per Light per Month	\$	0.18581	(0.00260)	\$	0.00910	\$	0.19231	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	0.65314
	SUMMER (MAY - OCT)  18 Therm per Light per Month	\$	0.14589	(0.00260)	\$	0.00910	\$	0.15239	\$	0.55670		(0.06423)	(0.03164)	(0.09587)	\$	0.46083	\$	0.61322
Air Conditioning Rate C 312, 348, 548, 512	SUMMER (MAY - OCT) Flat Rate / Therm	\$	0.03968	(0.00260)	\$	0.00910	\$	0.04618	\$	0.33088		(0.02503)	0.00000	(0.02503)	\$	0.30585	\$	0.35203
Standby Service Demand Charge	Rate Per Therms of Input per Month	\$	0.55					0.55		0.83990		(0.09039)	(0.11580)	(0.20619)		0.63371		1.18371
C-2 Medium Commercial And Industrial General Service Rate Code 347, 547	WINTER (NOV - APR) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	\$ \$ \$ \$	75.00 0.18744 0.17109 0.16666 0.08623	(0.00260) (0.00260) (0.00260) (0.00260)	\$ \$		\$ \$ \$ \$ \$	75.000 0.18484 0.16849 0.16406 0.08363	\$ \$ \$ \$	0.33540 0.33540 0.33540 0.33540		(0.02503) (0.02503) (0.02503) (0.02503)	0.00000 0.00000 0.00000 0.00000	(0.02503) (0.02503) (0.02503) (0.02503)	\$ \$ \$ \$	0.31037 0.31037 0.31037 0.31037	\$ \$ \$ \$	75.00 0.49521 0.47886 0.47443 0.39400
	SUMMER (MAY - OCT) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	\$ \$ \$ \$	75.00 0.14717 0.11683 0.10892 0.08623	(0.00260) : (0.00260) : (0.00260) :	\$ \$		\$ \$ \$ \$	75.000 0.14457 0.11423 0.10632 0.08363	\$ \$ \$	0.33540 0.33540 0.33540 0.33540		(0.02503) (0.02503) (0.02503) (0.02503)	0.00000 0.00000 0.00000 0.00000	(0.02503) (0.02503) (0.02503) (0.02503)	\$ \$ \$ \$	0.31037 0.31037 0.31037 0.31037	\$ \$ \$ \$	75.00 0.45494 0.42460 0.41669 0.39400
Air Conditioning	SUMMER (MAY - OCT) Flat Rate / Therm	\$	0.03968	(0.00260)	\$	-	\$	0.03708	\$	0.33088		(0.02503)	0.00000	(0.02503)	\$	0.30585	\$	0.34293
Demand Charge	Rate per Unit of Billing Demand Per Dth	s	5.50				\$	5.50		8.3990		(1.5137)	(1.1580)	(2.6718)		5.7273		11.2273
F-1 Large Volume Firm Service	Base Use Charge Demand Charge / Demand Unit Commodity Charge / Dth	\$ \$	300.00 5.50				\$ \$	300.00 5.50		8.3990		(1.5137)	(1.1580)	(2.6718)		5.7273	\$	300.00 11.2273
3011100	First 1,500 Dths Next 2,500 Dths Next 11,000 Dths Over 15,000 Dths	\$ \$ \$	0.8064 0.6891 0.3908 0.2402	(0.0258) (0.0258) (0.0258) (0.0258)		0.0000 0.0000 0.0000 0.0000	\$ \$	0.7806 0.6633 0.3650 0.2144		3.3540 3.3540 3.3540 3.3540		(0.2503) (0.2503) (0.2503) (0.2503)	0.0000 0.0000 0.0000 0.0000	(0.2503) (0.2503) (0.2503) (0.2503)		3.1037 3.1037 3.1037 3.1037	\$ \$ \$	3.8843 3.7670 3.4687 3.3181

										212							
I-1	Base Use Charge	\$	300.00			\$	300.00									\$	300.00
Interruptible Service	Commodity Charge/Dth																
	First 1,500 Dths	\$	0.8064	(0.0258)	0.0000	\$	0.7806		3.3088		(0.2503)	0.0000	(0.2503)	3.0	0585	\$	3.8391
	Next 2,500 Dths	\$	0.6891	(0.0258)	0.0000	\$	0.6633		3.3088		(0.2503)	0.0000	(0.2503)	3.0	0585	\$	3.7218
	Next 11,000 Dths	\$	0.3908	(0.0258)	0.0000	\$	0.3650		3.3088		(0.2503)	0.0000	(0.2503)	3.0	0585	\$	3.4235
	Over 15,000 Dths	\$	0.2402	(0.0258)	0.0000	\$	0.2144		3.3088		(0.2503)	0.0000	(0.2503)	3.0	0585	\$	3.2729
	•••••					-					******					-	
T-1	Customer Charge	\$	300.00	0.00000	0.0000	\$	300.00									\$	300.00
Interruptible Transportation	Transportation Charge/Dth																
Service	First 1,500 Dths	\$	0.8064	(0.0258)	0.0000		0.7806									\$	0.7806
\$ -	Next 2,500 Dths	\$	0.6891	(0.0258)	0.0000		0.6633									\$	0.6633
\$ - \$ -	Next 11,000 Dths Over 15,000 Dths	\$ \$	0.3908	(0.0258) (0.0258)	0.0000		0.3650 0.2144									\$ \$	0.3650 0.2144
•	Over 15,000 Dills	٠	0.2402	(0.0230)	0.0000	٩	0.2144									٠	0.2 (44
	System Capacity Charge/Dth	s	1.3500			\$	1.3500									\$	1.3500
																-	
T-2	Customer Charge	\$	300.00			\$	300.00									\$	300.00
Interruptible Transportation	Demand Charge/Demand Unit	\$	5.5000			\$	5.50		8.3990		(1.5137)	(1.1580)	(2.6717)	5.7	7273	\$ 1	1.227300
Service with Firm Backup	Transportation Charge/Dth																
	First 1,500 Dths	\$	0.8064	(0.0258)	0.0000		0.7806								0000	\$	0.7806
	Next 2,500 Dths	\$	0.6891	(0.0258)	0.0000		0.6633								0000	\$	0.6633
	Next 11,000 Dths	\$	0.3908	(0.0258)	0.0000		0.3650								0000	\$	0.3650
	Over 15,000 Dths	\$	0.2402	(0.0258)	0.0000	\$	0.2144							0.0	0000	\$	0.2144
T 0	MANTED MOVE ADD																
T-3 Low Volume Transport	WINTER (NOV - APR)	•	75.00			s	75.00							0.4	0000	•	75.00
General Service	Base Use Charge/Bill First 3,000 Therms	\$	75.00 0.18744	(0.00258)	0.00000	٠	0.18486								0000	\$	75.00 0.18486
Content Convice	Next 2,000 Therms	\$	0.17109	(0.00258)	0.00000		0.16851								0000		0.16851
	Next 10,000 Therms	s	0.17109	(0.00258)	0.00000		0.16408								0000		0.16408
	Over 15,000 Therms	s	0.08623	(0.00258)	0.00000		0.08365								0000		0.08365
	SUMMER (MAY - OCT)																
	Base Use Charge/Bill	\$	75.00			\$	75.00							0.0	0000	\$	75.00
	First 3,000 Therms	\$	0.14717	(0.00258)	0.00000		0.14459								0000		0.14459
	Next 2,000 Therms	\$	0.11683	(0.00258)	0.00000		0.11425								0000		0.11425
	Next 10,000 Therms	\$	0.10892	(0.00258)	0.00000		0.10634								0000		0.10634
	Over 15,000 Therms	\$	0.08623	(0.00258)	0.00000		0.08365							0.00	0000		0.08365
Damand Charas	Date and Unit of Billing Domand																
Demand Charge	Rate per Unit of Billing Demand Per Dth	\$	5.50			\$	5.50		8.3990		(1.5137)	(1.1580)	(2.6718)	5.7	7273	s	11.2273
												(1.1000)	(2.07.10)	0.1	12.0		TT.LLTO
Economic Development Ta	riff																
C-2	Year 3 Discount		20%														
Economic Discount Coke																	
Medium Commercial	WINTER (NOV - APR)																
And Industrial General	Base Use Charge/Bill	\$	75.000			\$	75.000									\$	75.000
Service	First 3,000 Therms	\$	0.14995	(0.00208)		\$	0.14787	\$	0.35136		(0.02503)	0.00000	(0.02503)		2633		0.47420
Rate Code 371	Next 2,000 Therms	\$	0.13687	(0.00208)		\$	0.13479	\$	0.35136		(0.02503)	0.00000	(0.02503)		2633		0.46112
	Next 10,000 Therms	\$	0.13333	(0.00208)		\$	0.13125	\$	0.35136		(0.02503)	0.00000	(0.02503)		2633		0.45758
	Over 15,000 Therms	\$	0.06898	(0.00208)		\$	0.06690	\$	0.35136		(0.02503)	0.00000	(0.02503)	0.32	2633		0.39323
	SUMMER (MAY - OCT)																
	Base Use Charge/Bill	\$	75.00			\$	75.00									\$	75.000
	First 3,000 Therms	\$	0.11774	(0.00208)		\$	0.11566	\$	0.35136		(0.02503)	0.00000	(0.02503)	\$ 0.32	2633	\$	0.44199
	Next 2,000 Therms	\$	0.09346	(0.00208)		\$	0.09138	\$	0.35136		(0.02503)	0.00000	(0.02503)	\$ 0.32	2633	\$	0.41771
	Next 10,000 Therms	\$	0.08714	(0.00208)		\$	0.08506	\$	0.35136		(0.02503)	0.00000			2633	\$	0.41139
	Over 15,000 Therms	\$	0.06898	(0.00208)		\$	0.06690	\$	0.35136		(0.02503)	0.00000	(0.02503)	\$ 0.32	2633	\$	0.39323
Demand Charge	Rate per Unit of Billing Demand																
Domaina Ghaige	Per Dth	\$	4.40000			\$	4.40000	\$	8.3990		(1.5137)	(1.1580)	(2.6717)	5.7	7273	\$	10.1273
T 2 in Diba																	
T-3 in Dths	WINTER ALON																
T-3	WINTER (NOV - APR)	•	75.00			s	75.00										75.00
Low Volume Transport General Service	Base Use Charge/Bill First 300 Dth	\$ \$	75.00 1.8744	(0.0258) \$	2,	\$	1.8486	\$	12	\$	- # S			\$		<b>\$</b> \$	1.8486
General Gervice	Next 200 Dth	\$	1.7109	(0.0258) \$		\$	1.6851	\$		\$	- # S			\$		\$	1.6851
	Next 1,000 Dth	\$	1.6666	(0.0258) \$		\$	1.6408	\$		\$	- #\$			\$	-	\$	1.6408
	Over 1,500 Dth	S	0.8623	(0.0258) \$		\$	0.8365	s	-	\$	- # \$	-		\$		s	0.8365
		. **				607	percolitions:	100		er.	1000 - 30					1550	**************************************
	SUMMER (MAY - OCT)																
	Base Use Charge/Bill	\$	75.00			\$	75.00									\$	75.00
	First 300 Dth	\$	1.4717	(0.0258) \$	-	\$	1.4459	\$	12	\$	- \$	-		\$	-	\$	1.4459
	Next 200 Dth	\$	1.1683	(0.0258) \$		\$	1.1425	\$	-	\$	- \$	-		\$	-	\$	1.1425
	Next 1,000 Dth	\$	1.0892	(0.0258) \$	-	\$	1.0634	\$	-	\$	- \$			\$	-	\$	1.0634
	Over 1,500 Dth	\$	0.8623	(0.0258) \$	-	\$	0.8365	\$	-	\$	- \$			\$	٥,	\$	0.8365
74.1	Rate per Unit of Billing Demand Per Dth	s	5.50			\$	5.50		8.3990		(1.5137) ##	(1.1580)	(2.6717)	67	7273	\$	11.2273

Rates Fileston				Pa Pa	se Rate Adjustme		1								
Effective	: November 1, 2018		CUMULATIVE PGA/Refund Credits &	Chattanooga Franchise	Alignment and Usage Adjustment	Total Franchise Credit and		Total PGA		Billing Rate		%	Total PGA		%
R-1	WINTER (NOV - APR)	BASE RATE	Surcharges	Credit	(AUA) Rider	AUA Riders	RATE	Factor	=	8/01/2018	Change	Change	08/01/2018	Change	Change
Residential General Service Rate Codes 101, 103, 121, 123	Base Use Charge/Bill Commodity Charge/Therm	\$16.00 \$0.11591	0.46083	(0.00260)	0.00770	0.00510	\$16.00 0.58184	0.46593	s		\$0.00 (0.03299)	0.00% -5.37%	\$ 0.49892	(0 03299)	-6.61%
	SUMMER (MAY - OCT) Base Use Charge/Bill Commodity Charge/Therm	\$13.00 \$0.11591	0.46083	(0 00260)	0.00770	0.00510	\$13.00 0.58184	0.46593	\$		\$0.00 (0.03299)	0.00% -5.37%	\$ 0.49892	(0.03299)	-6.61%
Non-Metered Gas Light Rate Code 601	18 Therm per Light per Month	\$0.11591	0.46083	(0.00260)	0.00770	0.00510	0.58184	0.46593	\$	0.61483	(0.03299)	-5.37%	\$ 0.49892	(0.03299)	-6.61%
Air Conditioning Rate Code 102, 122	SUMMER (MAY - OCT) Over 50 Therms	\$0.03948	0.30585	(0.00260)	0.00770	0.00510	0.35043	0.31095	s	0.37510	(0.02467)	-6.58%	\$ 0.33562	(0.02467)	-7.35%
Standby Service Demand Charge	Rate Per Therm of Input per Month	\$0.55	0.63371	0.00000	0.00000	0.00000	1.18371	0.63371		4 40074					
R-4	WINTER (NOV - APR)	\$0.55	0.63371	0.0000	0.0000		1.18371	0.63371	\$	1.18371	0.00000	0.00%	\$ 0.63371	0.00000	0.00%
Multi-Family Housing Service Rate Code 367	Base Use Charge/Unit Commodity Charge/Therm SUMMER (MAY - OCT)	\$6.00 \$0.21768	0.46083	(0 00260)	0.00000	(0.00260)	\$6.00 0.67591	0.45823	\$	6.00 0.70890	\$0.00 (0.03299)	0.00% -4.65%	\$ 0.49122	(0.03299)	-6.72%
	Base Use Charge/Bill Commodity Charge/Therm	\$6.00 \$0.19350	0.46083	(0.00260)	0.00000	(0.00260)	\$6.00 0.65173	0.45823	\$	6.00 0.68472	\$0.00 (0.03299)	0.00% -4.82%	\$ 0.49122	(0.03299)	-6.72%
Air Conditioning Rate Code 365	SUMMER (MAY - OCT) Flat Rate / Therm	\$0 03948	0.30585	(0 00260)	0.00000	(0.00260)	0.34273	0.30325	\$	0.36740	(0.02467)	-6.71%	\$ 0.32792	(0.02467)	-7.52%
Standby Service Demand Charge	Rate Per Therm of Input per Month	\$0.55	0.63371	0.00000	0.00000	0.00000	1.18371	0.63371	\$	1.18371	0.00000	0.00%	\$ 0.63371	0.00000	0.00%
C-1 Commercial & Industrial General Service Rate Codes 311, 313, 511,513,571	WINTER (NOV - APR) Base Use Charge/Bill Flat Rate / Therms	\$29.00 \$0.18581	0.46083	(0.00260)	0.00910	0.00650	\$29.00 0.65314	0.46733	s s	29.00 0.68613	\$0.00 (0.03299)	0.00%	\$ 0.50032	(0.03299)	-6.59%
Non-Metered Gas Light Rate Code 602	SUMMER (MAY - OCT) Base Use Charge/Bill Flat Rate / Therms	\$25.00 \$0.14589	0.46083	(0.00260)	0.00910	0.00650	\$25.00 0.61322	0.46733	\$	25.00 0.64621	\$0.00 (0.03299)	0.00% -5.11%	\$ 0.50032	(0 03299)	-6.59%
(C-1 & C-2)	WINTER (NOV - APR) 18 Therm per Light per Month	\$0.18581	0.46083	(0.00260)	0.00910	0.00650	0.65314	0.46733	\$	0.68613	(0.03299)	-4.81%	\$ 0.50032	(0.03299)	-6.59%
	SUMMER (MAY - OCT) 18 Therm per Light per Month	\$0.14589	0.46083	(0.00260)	0.00910	0.00650	0.61322	0.46733	\$	0.64621	(0.03299)	-5.11%	\$ 0.50032	(0.03299)	-6.59%
Air Conditioning Rate C 312, 348, 548, 512	SUMMER (MAY - OCT) Flat Rate / Therm	\$0.03968	0.30585	(0.00260)	0.00910	0.00650	0.35203	0.31235	\$	0.37670	(0.02467)	-6.55%	\$ 0.33702	(0.02467)	-7.32%
Standby Service Demand Charge	Rate Per Therms of Input per Month	\$0.55	0.63371	0.00000	0.00000	0.00000	1.18371	0.63371	\$	1.18371	0.00000	0.00%	\$ 0.63371	0.00000	0.00%
C-2 Medium Commercial And Industrial General Service Rate Code 347, 547	WINTER (NOV - APR) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	\$75.00 \$0.18744 \$0.17109 \$0.16666 \$0.08623	0.31037 0.31037 0.31037 0.31037	(0.00260) (0.00260) (0.00260) (0.00260)	0.00000 0.00000 0.00000 0.00000	(0.00260) (0.00260) (0.00260) (0.00260)	\$75.00 0.49521 0.47886 0.47443 0.39400	0.30777 0.30777 0.30777 0.30777	\$ \$ \$ \$	75.00 0.51988 0.50353 0.49910 0.41867	\$0.00 (0.02467) (0.02467) (0.02467) (0.02467)	0.00% -4.75% -4.90% -4.94% -5.89%	\$ 0.33244 \$ 0.33244 \$ 0.33244 \$ 0.33244	(0.02467) (0.02467) (0.02467) (0.02467)	-7.42% -7.42% -7.42% -7.42%
	SUMMER (MAY - OCT) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	\$75.00 \$0.14717 \$0.11683 \$0.10892 \$0.08623	0.31037 0.31037 0.31037 0.31037	(0.00260) (0.00260) (0.00260) (0.00260)	0.00000 0.00000 0.00000 0.00000	(0.00260) (0.00260) (0.00260) (0.00260)	\$75.00 0.45494 0.42460 0.41669 0.39400	0.30777 0.30777 0.30777 0.30777	\$ \$ \$ \$	75.00 0.47961 0.44927 0.44136 0.41867	\$0.00 (0.02467) (0.02467) (0.02467) (0.02467)	0.00% -5.14% -5.49% -5.59%	\$ 0.33244 \$ 0.33244 \$ 0.33244 \$ 0.33244	(0.02467) (0.02467) (0.02467) (0.02467)	-7.42% -7.42% -7.42% -7.42%
Air Conditioning	SUMMER (MAY - OCT) Flat Rate / Therm	\$ 0.03968	0.30585	(0.00260)	0.00000	(0.00260)	0.34293	0.30325	s	0.36760	(0.02467)				
	Rate per Unit of Billing Demand Per Dth	\$5.50	5.72725	0.0000	0.0000	0.0000	11.2273	5.7273		11.83705	(0.60980)	-6.71% -5.15%	\$ 0.32792 \$ 6.33705	(0.02467)	-7.52% -9.62%
	Base Use Charge	\$300.00					\$300.00		\$	300.00	\$0.00	0.00%			
	Demand Charge / Demand Unit Commodity Charge / Dth First 1,500 Dths	\$5.50 \$0.8064	5.7273 3.1037	(0.0258)	0.0000	(0.0258)	11.2273 3.8843	5.7273 3.0779	\$	11.83710 4.13100	(0.60985)	-5.15% -5.97%	\$ 6.33710 \$ 3.32460	(0.60985)	-9.62% -7.42%
	Next 2,500 Dths Next 11,000 Dths	\$0.6891 \$0.3908	3.1037 3.1037	(0.0258) (0.0258)	0.0000	(0.0258) (0.0258)	3.7670 3.4687	3.0779 3.0779	\$ \$	4.01370 3.71540	(0.24670) (0.24670)	-6.15% -6.64%	\$ 3.32460 \$ 3.32460	(0.24670)	-7.42% -7.42%
	Over 15,000 Dths  Base Use Charge	\$0.2402  \$300.00	3.1037	(0.0258)	0.0000	(0.0258)	\$300.00	3.0779	\$	3.56480	(0.24670) \$0.00	-6.92%	\$ 3.32460	(0.24670)	-7.42%
	Commodity Charge/Dth First 1,500 Dths	\$0.8064	3.0585	(0.0258)	0.0000	(0.0258)	3.8391	3.0327	\$	4.08580	(0.24670)	-6.04%	\$ 3.27940	(0.24670)	-7.52%
	Next 2,500 Dths Next 11,000 Dths	\$0.6891 \$0.3908	3.0585 3.0585	(0.0258) (0.0258)	0.0000	(0.0258) (0.0258)	3.7218 3.4235	3.0327 3.0327	\$	3.96850 3.67020	(0.24670) (0.24670)	-6.22% -6.72%	\$ 3.27940 \$ 3.27940	(0.24670) (0.24670)	-7.52% -7.52%
	Over 15,000 Dths	\$0.2402	3.0585	(0.0258)	0.0000	(0.0258)	3.2729 \$300.00	3.0327	\$	3.51960	(0.24670) \$0.00	-7.01% 0.00%	\$ 3.27940	(0.24670)	-7.52%
Interruptible Transportation Service	Transportation Charge/Dth First 1,500 Dths	\$0.8064	0.0000	(0.0258)	0.0000	(0.0258)	0.7806	(0.0258)	\$	0.78060	0.00000	0.00%	\$ (0.02580)	0.00000	0.00%
	Next 2,500 Dths Next 11,000 Dths Over 15,000 Dths	\$0.6891 \$0.3908 \$0.2402	0.0000 0.0000 0.0000	(0.0258) (0.0258) (0.0258)	0.0000 0.0000 0.0000	(0.0258) (0.0258) (0.0258)	0.6633 0.3650 0.2144	(0.0258) (0.0258) (0.0258)	\$ \$ \$	0.66330 0.36500 0.21440	0.00000 0.00000 0.00000	0.00% 0.00% 0.00%	\$ (0.02580) \$ (0.02580) \$ (0.02580)	0.00000 0.00000	0.00%
	System Capacity Charge/Dth	\$1.35	0.0000	0.0000	0.0000	0.0000	1.3500	0.0000	\$	1.35000	0.00000	0.00%	\$ -		#DIV/0!
	Customer Charge Demand Charge/Demand Unit	\$300.00 \$5.50	5.7273	0.0000	0.0000	0.0000	\$300.00 11.2273	5.7273	\$	300.00 11.83710	\$0.00 (0.60985)	0.00%	\$ 6.33710	(0.60985)	-9 62%
	Transportation Charge/Dth First 1,500 Dths	\$0 8064	0.0000	(0.0258)	0.0000	(0.0258)	0.7806	(0.0258)	\$	0.78060	0.00000	0.00%	\$ (0.02580)	0.00000	0.00%
	Next 2,500 Dths Next 11,000 Dths Over 15,000 Dths	\$0.6891 \$0.3908 \$0.2402	0.0000 0.0000 0.0000	(0.0258) (0.0258) (0.0258)	0.0000 0.0000 0.0000	(0.0258) (0.0258) (0.0258)	0.6633 0.3650 0.2144	(0.0258) (0.0258) (0.0258)	\$ \$ \$	0.66330 0.36500 0.21440	0.00000 0.00000 0.00000	0.00% 0.00% 0.00%	\$ (0.02580) \$ (0.02580) \$ (0.02580)	0.00000 0.00000 0.00000	0.00% 0.00% 0.00%
T-3 Low Volume Transport General Service	WINTER (NOV - APR) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	\$75.00 \$0.18744 \$0.17109 \$0.16666 \$0.08623	0.0000 0.0000 0.0000 0.0000	(0.0026) (0.0026) (0.0026) (0.0026)	0.0000 0.0000 0.0000 0.0000	(0.0026) (0.0026) (0.0026) (0.0026)	\$75.00 0.18486 0.16851 0.16408 0.08365	(0.0026) (0.0026) (0.0026) (0.0026)	\$ \$ \$ \$	75.00 0.18486 0.16851 0.16408 0.08365	\$0.00 0.00000 0.00000 0.00000 0.00000	0.00% 0.00% 0.00% 0.00% 0.00%	\$ (0.00258) \$ (0.00258) \$ (0.00258) \$ (0.00258)	0.00000 0.00000 0.00000 0.00000	0.00% 0.00% 0.00% 0.00%
	SUMMER (MAY - OCT) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Over 15,000 Therms Over 15,000 Therms	\$75.00 \$0.14717 \$0.11683 \$0.10892 \$0.08623	0.0000 0.0000 0.0000 0.0000	(0.0026) (0.0026) (0.0026) (0.0026)	0.0000 0.0000 0.0000 0.0000	(0.0026) (0.0026) (0.0026) (0.0026)	\$75.00 0.14459 0.11425 0.10634 0.08365	(0.0026) (0.0026) (0.0026) (0.0026)	\$ \$ \$ \$	75.00 0.14459 0.11425 0.10634 0.08365	\$0.00 0.00000 0.00000 0.00000 0.00000	0.00% 0.00% 0.00% 0.00%	\$ (0.00258) \$ (0.00258) \$ (0.00258) \$ (0.00258)	0.00000 0.00000 0.00000 0.00000	0.00% 0.00% 0.00%
	Rate per Unit of Billing Demand Per Dth	\$5.50	5.7273	0.0000	0.0000	0.0000	11.2273	5.7273	\$	11.83710	(0.60985)	-5.15%	\$ 6.33710	(0.60985)	-9.62%

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Effective	Effective: November 1, 2018					REFUND AND SURCHARGES	URCHARGES			BASE RA	BASE RATE SURCHARGES	RGES	
4		I		PGA		IMCR	ACA	4					
		BASE RATE	Demand	Commodity	PGA Total	Demand Commodity	one me C	Sipomaco	CUMULATIVE PGA/Refund Credits &	Chattanooga a	Alignment and Usage Adjustment	Total Franchise Credit and	BILLING
R-1 Residential General Service Rate Codes 101, 103, 121, 123	WINTER (NOV - APR) Base Use Charge/Bill Commodity Charge/Therm	\$16.00	2130	\$0.33540	\$0.55670	3	6	(0.02503)	\$0.4608	(0.00260)		0.0051	\$16.00
	SUMMER (MAY - OCT) Base Use Charge/Bill Commodity Charge/Therm	\$13.00	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00770	0.0051	\$13.00
Non-Metered Gas Light Rate Code 601	18 Therm per Light per Month	\$0.11591	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00770	0.0051	\$0.58184
Air Conditioning Rate Code 102, 122 Standby Service	SUMMER (MAY - OCT) Over 50 Therms	\$0.03948		\$0.33088	\$0.33088			(0.02503)	\$0.3059	(0.00260)	0.00770	0.0051	\$0.35043
Demand Charge	Rate Per Therm of Input per Month	\$0.55000	\$0.83990		\$0.83990	(0.11580)	(0.09039)		\$0.6337	0.00000	0.0000	0.0000	\$1.18371
R-4 Multi-Family Housing Service	WINTER (NOV - APR) Base Use Charge/Unit Commodity Charge/Therm	\$6.00	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.0000	(0.0026)	\$6.00
	SUMMER (MAY - OCT) Base Use Charge/Bill Commodity Charge/Therm	\$6.00 \$0.19350	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00000	(0.0026)	\$6.00 \$0.65173
Air Conditioning Rate Code 365	SUMMER (MAY - OCT) Flat Rate / Therm	\$0.03948		\$0.33088	\$0.33088			(0.02503)	\$0.3059	(0.00260)	0.00000	(0.0026)	\$0.34273
Standby Service Demand Charge	Rate Per Therm of Input per Month	\$0.55000	\$0.83990		\$0.83990	(0.11580)	(0.09039)		\$0.6337	0.00000	0.00000	0.0000	\$1.18371
C-1 Commercial & Industrial General Service Rate Codes 311, 313, 511,	WINTER (NOV - APR.) Base Use Charge/Bill Flat Rate / Therms	\$29.00	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00910	0.0065	\$29.00
	SUMMER (MAY - OCT) Base Use Charge/Bill Flat Rate / Therms	\$25.00	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00910	0.0065	\$25.00
Non-Metered Gas Light Rate Code 602 (C-1 & C-2) WINTER (NOV - APR) 18 Therm per Light per	2) WINTER (NOV - APR) 18 Therm per Light per Month	\$0.18581	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00910	0.0065	\$0.65314
	SUMMER (MAY - OCT) 18 Therm per Light per Month	\$0.14589	\$0.22130	\$0.33540	\$0.55670	(0.03164)	(0.03920)	(0.02503)	\$0.4608	(0.00260)	0.00910	0.0065	\$0.61322
Air Conditioning Rate C 312, 348, 548, 512	SUMMER (MAY - OCT) Flat Rate / Therm	\$0.03968		\$0.33088	\$0.33088			(0.02503)	\$0.3059	(0.00260)	0.00910	0.0065	\$0.35203
Standby Service Demand Charge	Rate Per Therms of Input per Month	\$0.55000	\$0.83990	\$0.00000	\$0.83990	(0.11580)	(0.09039)	0.0000	\$0.6337	0.00000	0.00000	0.0000	\$1.18371
C-2 Medium Commercial And Industrial General Service	WINTER (NOV - APR) Base Use Charge/Bill First 3,000 Therms	\$75.00	\$0.00000	\$0.33540	\$0.33540			(0.02503)	\$0.3104	(0.00260)	0.0000	(0.0026) Page 9 of 13	\$75.00 \$0.49521 of 13

\$0.47886 \$0.47443 \$0.39400	\$75.00 \$0.45494 \$0.42460 \$0.41669 \$0.39400	\$0.34293	\$11.8371	\$300.00 \$11.2273 \$3.88430 \$3.76700 \$3.46870	\$300.00 \$3.83910 \$3.72180 \$3.42350 \$3.27290	\$300.00 \$0.78060 \$0.66330 \$0.28500 \$0.21440 \$1.35000	\$300.00 \$11.2273 \$0.78060 \$0.66330 \$0.36500 \$0.21440	\$75.00 \$0.18486 \$0.16851 \$0.16408 \$0.08365	\$75.00 \$0.14459 \$0.11425 \$0.10634 \$0.08365	\$11.2273
(0.0026) (0.0026) (0.0026)	(0.0026) (0.0026) (0.0026) (0.0026)	(0.0026)	0.0000	0.0000 (0.0258) (0.0258) (0.0258)	(0.0258) (0.0258) (0.0258) (0.0258)	(0.0258) (0.0258) (0.0258) (0.0258) 0.0000	0.0000 (0.0258) (0.0258) (0.0258)	(0.0026) (0.0026) (0.0026) (0.0026)	(0.0026) (0.0026) (0.0026)	0.0000
0.00000	0.00000	0.0000	0.00000	0.00000	0.00000	0.000000	0.000000	0.00000	0.00000 0.00000 0.00000	0.0000.0
(0.00260) (0.00260) (0.00260)	(0.00260) (0.00260) (0.00260) (0.00260)	(0.00260)	0.00000	0.00000 (0.02580) (0.02580) (0.02580)	(0.02580) (0.02580) (0.02580) (0.02580)	(0.02580) (0.02580) (0.02580) (0.02580) 0.00000	0.00000 (0.02580) (0.02580) (0.02580)	(0.00258) (0.00258) (0.00258) (0.00258)	(0.00258) (0.00258) (0.00258)	0.00000
\$0.3104 \$0.3104 \$0.3104	\$0.3104 \$0.3104 \$0.3104 \$0.3104	\$0.3059	\$5.7273	\$5.7273 \$3.1037 \$3.1037 \$3.1037 \$3.1037	\$3.0585 \$3.0585 \$3.0585 \$3.0585	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$5.7273 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000	\$5.7273
(0.02503) (0.02503) (0.02503)	(0.02503) (0.02503) (0.02503) (0.02503)	(0.02503)	14	(0.25030) (0.25030) (0.25030) (0.25030)	(0.25030) (0.25030) (0.25030) (0.25030)					
			(1.51370)	(1.51370)			(1.51370)			(1.51370)
			(1.15805)	(1.15805)		4	(1.15805)			(1.15805)
\$0.33540 \$0.33540 \$0.33540	\$0.33540 \$0.33540 \$0.33540 \$0.33540	\$0.33088	\$8.39900	\$8.39900 \$3.35400 \$3.35400 \$3.35400 \$3.35400	\$3.30880 \$3.30880 \$3.30880 \$3.30880	\$0.00000 \$0.00000 \$0.00000 \$0.00000	\$8.39900 \$0.00000 \$0.00000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000 \$0.00000	\$0.00000	\$8.39900
\$0.33540 \$0.33540 \$0.33540	\$0.33540 \$0.33540 \$0.33540 \$0.33540	\$0.33088	\$0.00000	\$0.00000 \$3.35400 \$3.35400 \$3.35400	\$3.30880 \$3.30880 \$3.30880	00000000000000000000000000000000000000	\$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000 \$0.00000	\$0.0000
\$0.00000 \$0.00000 \$0.00000	\$0.00000 \$0.00000 \$0.00000 \$0.00000	\$0.00000	\$8.39900	\$8.39900	\$0.00000 \$0.00000 \$0.00000	00000'0\$ 00000'0\$ 00000'0\$	00000 0\$ 00000 0\$ 00000 0\$	00000 0\$	\$0.00000 \$0.00000 \$0.00000 \$0.00000	\$8.39900
\$0.17109 \$0.16666 \$0.08623	\$75.00 \$0.14717 \$0.11683 \$0.10892 \$0.08623	\$0.03968	\$5.50000	\$300.00 \$5.50000 \$0.80640 \$0.68910 \$0.39080 \$0.24020	\$300.00 \$0.80640 \$0.68910 \$0.39080 \$0.24020	\$300.00 \$0.80640 \$0.68910 \$0.39080 \$0.24020 \$1,35000	\$300.00 \$5.50000 \$0.80640 \$0.68910 \$0.39080	\$75.00 \$0.18744 \$0.17109 \$0.16666 \$0.08623	\$75.00 \$0.14717 \$0.11683 \$0.10892 \$0.08623	\$5.50000
Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	SUMMER (MAY - OCT) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	SUMMER (MAY - OCT) Flat Rate / Therm	Rate per Unit of Billing Demand Per Dth	Base Use Charge Demand Charge / Demand Unit Commodity Charge / Dth First 1,500 Dths Next 12,500 Dths Next 11,000 Dths Over 15,000 Dths	Base Use Charge Commodity Charge/Dth First 1,500 Dths Next 2,500 Dths Next 11,000 Dths Over 15,000 Dths	Customer Charge Transportation Charge/Dth First 1,500 Dths Next 1,500 Dths Next 11,000 Dths Over 15,000 Dths System Capacity Charge/Dth	Customer Charge Demand Charge/Demand Unit Transportation Charge/Dth First 1,500 Dths Next 2,500 Dths Next 11,000 Dths Over 15,000 Dths	WINTER (NOV - APR.) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	SUMMER (MAY - OCT) Base Use Charge/Bill First 3,000 Therms Next 2,000 Therms Next 10,000 Therms Over 15,000 Therms	Rate per Unit of Billing Demand Per Dth
Rate Code 347, 547		Air Conditioning	Demand Charge	F-1 Large Volume Firm Service	I-1 Interruptible Service	T-1 Interruptible Transportation Service	T-2 Interruptible Transportation Service with Firm Backup	T-3 Low Volume Transport General Service		Demand Charge

R-1	00 84 \$0.46593 84 \$0.46593
Residential Base Use Charge/Bill \$16.00 \$16. General Service Commodity Charge/Therm \$0.11591 \$0.55670 (0.09077) \$0.581 Rate Codes 101, 103, 121, 123 SUMMER (MAY - OCT) Base Use Charge/Bill \$13.00 \$0.55670 (0.09077) \$0.581 Non-Metered Gas Light Rate Code 601 18 Therm per Light per Month 0.11591 \$0.55670 (0.09077) \$0.581 Air Conditioning Rate Code 102, 122 Over 50 Therms \$0.03948 \$0.33088 (0.01993) \$0.350 Standby Service Demand Charge Rate Per Therm of Input per Month \$0.55 \$0.83990 (0.20619) \$1.183 R-4 WINTER (NOV - APR) Base Use Charge/Bill \$0.09471 \$0.675 Rate Code 365 Flat Rate / Therm \$0.03948 \$0.33088 (0.09847) \$0.675 Rate Code 365 Flat Rate / Therm \$0.03948 \$0.33088 (0.09847) \$0.675 Rate Code 365 Flat Rate / Therm \$0.03948 \$0.33088 (0.09847) \$0.675 Rate Code 365 Flat Rate / Therm \$0.03948 \$0.33088 (0.02763) \$0.651 Air Conditioning Rate Code 365 Flat Rate / Therm \$0.03948 \$0.33088 (0.02763) \$0.342 Standby Service Demand Charge Rate Per Therm of Input per Month \$0.55 \$0.83990 (0.20619) \$1.183 C-1 WINTER (NOV - APR) Base Use Charge/Bill \$29.00 General Service Demand Charge Rate Per Therm of Input per Month \$0.55 \$0.83990 (0.20619) \$1.183 C-1 WINTER (NOV - APR) Base Use Charge/Bill \$29.00 General Service Rate Codes 311, 313, 511, 513, 571 SUMMER (MAY - OCT) Base Use Charge/Bill \$29.00 General Service Rate Codes 311, 313, 511, 513, 571	00 84 \$0.46593 84 \$0.46593
Base Use Charge/Bill	84 \$0.46593 84 \$0.46593
Summer   S	
Rate Code 102, 122	43 \$0.31095
Demand Charge   Rate Per Therm of Input per Month   \$0.55   \$0.83990   (0.20619)   \$1.183	
Multi-Family         Base Use Charge/Unit         \$6.00         \$6.           Housing Service         Commodity Charge/Therm         \$0.21768         \$0.55670         (0.09847)         \$0.675           Rate Code 367         SUMMER (MAY - OCT) Base Use Charge/Bill         \$6.00         \$6.00         \$6.00           Commodity Charge/Therm         \$0.19350         \$0.55670         (0.09847)         \$0.651           Air Conditioning Rate Code 365         SUMMER (MAY - OCT) Flat Rate / Therm         \$0.03948         \$0.33088         (0.02763)         \$0.342           Standby Service Demand Charge         Rate Per Therm of Input per Month         \$0.55         \$0.83990         (0.20619)         \$1.183           C-1         WINTER (NOV - APR)         Base Use Charge/Bill         \$29.00         \$29.0         \$29.0           General Service         Flat Rate / Therms         \$0.18581         \$0.55670         (0.08937)         \$0.653           311, 313,, 511, 513, 571         SUMMER (MAY - OCT) Base Use Charge/Bill         \$25.00         \$25.00	71 \$0.63371
Base Use Charge/Bill	
Rate Code 365 Flat Rate / Therm \$0.03948 \$0.33088 (0.02763) \$0.342  Standby Service Demand Charge Rate Per Therm of Input per Month \$0.55 \$0.83990 (0.20619) \$1.183  C-1 WINTER (NOV - APR) Commercial & Industrial General Service Rate Codes Rate Codes Rate Codes 311, 313,, 511, 513, 571  SUMMER (MAY - OCT) Base Use Charge/Bill \$25.00 \$25.00	
Demand Charge   Rate Per Therm of Input per Month   \$0.55   \$0.83990   (0.20619)   \$1.183	73 \$0.30325
Summer   Section   Summer	71 \$0.63371
Base Use Charge/Bill \$25.00 \$25.	
Non-Metered Gas Light Rate  Code 602 (C-1 & C-2) WINTER (NOV - APR)  18 Therm per Light per Month \$0.18581 \$0.55670 (0.08937) \$0.653	14 \$0.46733
SUMMER (MAY - OCT) 18 Therm per Light per Month \$0.14589 \$0.55670 (0.08937) \$0.6133	22 \$0.46733
Air Conditioning SUMMER (MAY - OCT)  Rate C 312, 348, 548, 512 Flat Rate / Therm \$0.03968 \$0.33088 (0.01853) \$0.3520	03 \$0.31235
Standby Service Demand Charge Rate Per Therms of Input per Month \$0.55 \$0.83990 (0.20619) \$1.183	71 \$0.63371
C-2 Medium Commercial WINTER (NOV - APR) And Industrial General Base Use Charge/Bill \$75.00 \$75.0 Service First 3,000 Therms \$0.18744 \$0.33540 (0.02763) \$0.495: Rate Code 347, 547 Next 2,000 Therms \$0.17109 \$0.33540 (0.02763) \$0.478: Next 10,000 Therms \$0.16666 \$0.33540 (0.02763) \$0.474: Over 15,000 Therms \$0.08623 \$0.33540 (0.02763) \$0.3940	\$0.30777 36 \$0.30777 43 \$0.30777
SUMMER (MAY - OCT)         Base Use Charge/Bill       \$75.00       \$75.0         First 3,000 Therms       \$0.14717       \$0.33540       (0.02763)       \$0.4549         Next 2,000 Therms       \$0.11683       \$0.33540       (0.02763)       \$0.4249         Next 10,000 Therms       \$0.10892       \$0.33540       (0.02763)       \$0.4160         Over 15,000 Therms       \$0.08623       \$0.33540       (0.02763)       \$0.3940	\$0.30777 \$0 \$0.30777 \$9 \$0.30777
Air Conditioning SUMMER (MAY - OCT) Flat Rate / Therm \$ 0.03968 \$0.33088 (0.02763) \$0.3425	00 \$0.30777
Demand Charge Rate per Unit of Billing Demand Per Dth \$5.50 \$8.39900 (2.6718) \$11.227	

F-1	Base Use Charge	\$300.00			\$300.00	
Large Volume	Demand Charge / Demand Unit	\$5.50	\$8.39900	(2.6718)	\$11.2273	\$5.7273
Firm Service	Commodity Charge / Dth					
	First 1,500 Dths	\$0.8064	\$3.35400	(0.2761)	\$3.8843	\$3.0779
	Next 2,500 Dths	\$0.6891	\$3.35400	(0.2761)	\$3.7670	\$3.0779
	Next 11,000 Dths	\$0.3908	\$3.35400	(0.2761)	\$3.4687	\$3.0779
	Over 15,000 Dths	 \$0.2402	\$3.35400	(0.2761)	\$3.3181	\$3.0779
I-1 Interruptible Service	Base Use Charge Commodity Charge/Dth	\$300.00			\$300.00	
	First 1,500 Dths	\$0.8064	\$3.30880	(0.2761)	\$3.8391	\$3.0327
	Next 2,500 Dths	\$0.6891	\$3.30880	(0.2761)	\$3.7218	\$3.0327
	Next 11,000 Dths	\$0.3908	\$3.30880	(0.2761)	\$3.4235	\$3.0327
	Over 15,000 Dths	\$0.2402	\$3.30880	(0.2761)	\$3.2729	\$3.0327
T-1	Customer Charge	 \$300.00			\$300.00	
Interruptible Transportation Service	Transportation Charge/Dth	\$0.8064		(0.0259)	¢0.7006	(0.0050)
Service	First 1,500 Dths Next 2,500 Dths	\$0.6891		(0.0258)	\$0.7806 \$0.6633	(0.0258)
	Next 11,000 Dths	\$0.3908		(0.0258)	\$0.3650	(0.0258) (0.0258)
	Over 15,000 Dths	\$0.2402		(0.0258)	\$0.2144	(0.0258)
	System Capacity Charge/Dth	\$1.35			\$1.35	\$0.0000
T-2		 \$300.00			\$300.00	
Interruptible Transportation	Demand Charge/Demand Unit	\$5.50	\$8.39900	(2.6717)	\$11.22730	\$5.7273
Service with Firm Backup	Transportation Charge/Dth	<b>\$</b> 0.00	40.00000	(2.0711)	V11.22700	40.7270
	First 1,500 Dths	\$0.8064		(0.0258)	\$0.7806	(0.0258)
	Next 2,500 Dths	\$0.6891		(0.0258)	\$0.6633	(0.0258)
	Next 11,000 Dths	\$0.3908		(0.0258)	\$0.3650	(0.0258)
	Over 15,000 Dths	\$0.2402		(0.0258)	\$0.2144	(0.0258)
T-3	WINTER (NOV - APR)					
Low Volume Transport	Base Use Charge/Bill	\$75.00		17219/01/21	\$75.00	1.27272790
General Service	First 3,000 Therms	\$0.18744		(0.0026)	\$0.18486	(0.0026)
	Next 2,000 Therms	\$0.17109		(0.0026)	\$0.16851	(0.0026)
	Next 10,000 Therms	\$0.16666		(0.0026)	\$0.16408	(0.0026)
	Over 15,000 Therms	\$0.08623		(0.0026)	\$0.08365	(0.0026)
	SUMMER (MAY - OCT)					
	Base Use Charge/Bill	\$75.00			\$75.00	
	First 3,000 Therms	\$0.14717		(0.0026)	\$0.14459	(0.0026)
	Next 2,000 Therms	\$0.11683		(0.0026)	\$0.11425	(0.0026)
	Next 10,000 Therms	\$0.10892		(0.0026)	\$0.10634	(0.0026)
	Over 15,000 Therms	\$0.08623		(0.0026)	\$0.08365	(0.0026)
Demand Charge	Rate per Unit of Billing Demand	25.50	** ***	(0.0740)	***	
	Per Dth	 \$5.50 	\$8.39900	(2.6718)	\$11.2273 	\$5.7273 
Economic Development T		2007				
C-2 Economic Discount Coke	Year 3 Discount	20%				
Medium Commercial	WINTER (NOV - APR)					
And Industrial General	Base Use Charge/Bill	\$75.00			\$75.00	
Service	First 3,000 Therms	\$0.14995	\$0.35136	(0.02711)	\$0.47420	\$0.32425
Rate Code 371	Next 2,000 Therms	\$0.13687	\$0.35136	(0.02711)	\$0.46112	\$0.32425
	Next 10,000 Therms	\$0.13333	\$0.35136	(0.02711)	\$0.45758	\$0.32425
	Over 15,000 Therms	\$0.06898	\$0.35136	(0.02711)	\$0.39323	\$0.32425
	SUMMER (MAY - OCT)					
	Base Use Charge/Bill	\$75.00	\$0.00	\$0.00	\$75.00	\$0.00
	First 3,000 Therms	\$0.11774	\$0.35136	(0.02711)	\$0.44199	\$0.32425
	Next 2,000 Therms	\$0.09346	\$0.35136	(0.02711)	\$0.41771	\$0.32425
	Next 10,000 Therms	0.087136	\$0.35136	(0.02711)	\$0.41139	\$0.3243
	Over 15,000 Therms	\$ 0.06898	\$0.35136	(0.02711)	\$0.39323	\$0.3243
Demand Charge	Rate per Unit of Billing Demand					
	Per Dth	\$4.400	\$8.39900	(2.6717)	\$10.12725	\$5.72725

a/The C-2 PGA is applicable to all gas consumed by a T-3 Customer in excess of the gas that the Customer has delived to the Company's City Gate.

Maximum	Daily Deliveries		
Southern Natural Gas			
		Contract #	Daily Dth
	FT	FSNG130	5,105
	FT	FSNG130	1,246
	FT	FSNG130	2,124
	FT FT	FSNG130 FSNG130	3,788
	FT	FSNG130	523 436
Total		1 3113130	13,222
			10,222
	FTNN	FSNG130	14,346
Total SNG			27,568
Tennessee Gas Pipeline			
•		Contract #	Daily Dth
	FT-A	48082	
	FT-A	48082	
	FT-A	48082	
	FT-A FT-A	48082 48082	5.50
	FT-A FT-A	48082	
	FT-A	48082	
	FT-A	48082	0.50
	FT-A	48082	
	FT-A	48082	
	FT-A	48082	22
	FT-A	48082	3.50
	FT-A	48082	
	FT-A	48082	
			37,819
East Tennessee Natural Gas Co.			
	FT-A	410203	
	FT-A	410203	10,528
	FT-A FT-A	410203	20,439
	FT-A	410203 410203	3,012
	1 1 73	410203	4,899
(Capacity Release from Oglethorpe Power	FT-A (Murry)	410455	
	,		66,350
Total Pipeline			131,737
Total Pipeline to City Gate			Dth
East Tennessee			66,350
Southern Natural			27,568
INO Many Variation			93,918
LNG Max Vaporization			70,000
Design Day Capacity Needed			163,918
Design Day Capacity Needed			148,773