

**IN THE TENNESSEE REGULATORY AUTHORITY
AT NASHVILLE, TENNESSEE**

IN RE:

**PETITION OF TENNESSEE AMERICAN
WATER COMPANY TO CHANGE AND
INCREASE CERTAIN RATES AND
CHARGES SO AS TO PERMIT IT TO
EARN A FAIR AND ADEQUATE
RATE OF RETURN ON ITS PROPERTY
USED AND USEFUL IN FURNISHING
WATER SERVICE TO ITS CUSTOMERS**

DOCKET NO. 10-00189

AFFIDAVIT

**I, John Hughes, Analyst, for the Consumer Advocate Division of the Attorney
General's Office, hereby certify that the attached Direct Testimony represents my opinion
in the above-referenced case and the opinion of the Consumer Advocate Division.**



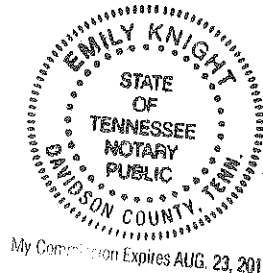
JOHN HUGHES

**Sworn to and subscribed before me
this 5th day of January, 2011.**



NOTARY PUBLIC

My commission expires: Aug. 23, 2011



DOCKET # 10-00189

Tennessee American Water Company

Direct Testimony of John Hughes

January 4, 2011

Q. Please state your name for the record.

A. My name is John Hughes.

Q. By whom are you employed and what is your position?

A. I am employed by the Consumer Advocate and Protection Division ("Consumer Advocate" or "CAPD") in the office of the Attorney General for the State Of Tennessee ("Office") as a Financial Regulatory Analyst.

Q. How long have you been employed in conjunction with the Financial accounting industry?

A. I have been a Certified Public Accountant for eighteen years, practicing in both Tennessee and Florida. Before my current employment with the Office, I was employed in many phases of Public Accounting. I have performed duties as a Staff Accountant, Auditor, Audit Manager, Accounting Manager, Financial Planner and Analyst, Corporate Controller, and Tax Consultant. My most in depth area of

1 concentration and experience over my career is corporate auditing and
2 taxation.

3
4 **Q. What is your educational background and what degrees do you**
5 **hold?**

6 A. I hold a Bachelors Degree in Business Administration from the
7 University of Pittsburgh, Pennsylvania, with a major in Accounting. I
8 also hold a Master of Business Administration Degree in Finance
9 from Dowling College, Oakdale, New York. I am a current, licensed
10 Tennessee Certified Public Accountant. Further, I hold a license as a
11 Certified Financial Planner, valid in all states.

12
13 **Q. Would you briefly describe your responsibilities as a Financial**
14 **Regulatory Analyst with the Consumer Advocate?**

15 A. I review tariffs filed by Tennessee public utilities that are subject
16 to the jurisdiction of the Tennessee Regulatory Authority ("TRA").
17 Additionally, I prepare testimony and financial exhibits in rate
18 proceedings as an employee with the Consumer Advocate.

19
20 **Q. What is the purpose of your testimony?**

21 A. The purpose of my testimony is to forecast the Operating
22 Revenues of Tennessee American Water Company ("TAWC") using

1 my work papers ("work papers of the CAPD") for the attrition year
2 ending December 31, 2011.

3
4 **SUMMARY OF RESULTS**

5 **Q. Please summarize the results of the CAPD forecast of TAWC**
6 **Revenues for the attrition year.**

7 A. Based on TAWC's **current water rates**, those tariffs set by the
8 TRA in Docket #08-00039, TAWC calculates its total attrition year
9 revenues at \$37,296,457.¹ The CAPD, however, calculates TWAC's
10 attrition year revenues, using **current water rates**, at \$38,399,479.²
11 This difference of \$1,103,022 represents an **increase** over TAWC's
12 revenue estimate, before even considering TAWC's requested rate
13 increase.

14
15 **Q. Please summarize the reasons why the CAPD projects \$1,103,022**
16 **more in operating revenues than TAWC, using current water**
17 **rates.**

18 A. There are two areas where the CAPD disagrees with TAWC's
19 calculations of operating revenue: First, TAWC includes in its
20 revenue forecast a Weather Normalization Adjustment ("WNA") that
21 the CAPD believes should be disregarded in calculating operating
22 revenue. The total WNA adjustment calculated for the year ending

¹ TAWC Docket 10-00189, Exhibit 4, Schedule 1, Page 1.

² CAPD R-Revenue Comparative Summary

1 December 31, 2011, is (\$318,523).³ TAWC reduces its operating
2 income by **subtracting** the WNA adjustment from its operating
3 revenue estimates, greatly reducing the company's calculation of
4 income. The CAPD disagrees with this treatment and objected to this
5 same issue during the previous TAWC rate case, #08-00039.⁴ As
6 explained by CAPD witness William Hal Novak, the WNA model
7 used by TAWC, is not appropriate because it does not reflect actual
8 water use. Please refer to Mr. Novak's testimony in order to view a
9 more detailed analysis of Mr. Novak's objections to TAWC's WNA
10 model.⁵

11 Second, the CAPD's revenue forecast includes approximately
12 \$784,499 due to an increased number of water meters and an increase
13 in water volumes during the attrition year ending December 31, 2011⁶,
14 derived by the CAPD's growth forecast. This growth forecast is
15 supported by nearly a decade of historical trends and a later test
16 period, neither of which is considered by TAWC in making their
17 forecast. The CAPD uses trend analysis, which is "a statistical
18 analysis method which refers to the concept of collecting information
19 and attempting to spot a pattern in the information. In statistics, trend
20 analysis often refers to techniques for extracting an underlying pattern
21 of behavior in a time series which would otherwise be partly or nearly
22 completely hidden by statistical noise."⁷ The Direct Testimony of

³ TRA-01-Q013-Revenues Page 2 of 55.

⁴ CAPD Buckner Direct Testimony, #08-00039, Page 23, Line 19.

⁵ CAPD Novak Direct Testimony, #10-00189, pages 6 through 14.

⁶ CAPD Work Paper R-Revenue Comparative Summary, Line 10.

⁷ Wordnetweb home page.Princeton.edu, glossary.

1 TAWC does not indicate what forecasting method is used to
2 determine Operating Revenues.

3
4 **OPERATING REVENUES**

5 **Q. Please describe the components of your forecast for Operating**
6 **Revenues.**

7 A. CAPD's formula for forecasting Operating Revenues is to
8 multiply monthly water rates by annualized volumes. The monthly
9 rates are established by the TRA as set forth in TAWC's present tariff,
10 as established in Docket #08-00039. The annualized volumes consist
11 of two components: the *number* of water meters and the *volume* of
12 water usage. Monthly water meter rates depend on the *size* of the
13 water meter. The size of the water meter is defined by the diameter of
14 the pipe supplying the meter, for example: 1.5 inches, 2.5 inches, etc.
15 The monthly rates for water usage depend on the billed volume of
16 cubic feet. There are several usage rates in the present tariff based on
17 cubic feet, such as: the first 400 cf, the next 800 cf. etc., which are
18 then applied to volumetric blocks as described above. These "billing
19 determinants" determine most of TAWC's operating revenue.
20 Additionally, there are six 'classes' of service: 1) residential, 2)
21 commercial, 3) industrial, 4) other public authority, 5) other water
22 utility, and 6) public and private fire service.

23 To add to the complexity of the calculations, within the
24 residential and commercial service areas, there are five different
25 locations: 1) Chattanooga, 2) Lookout Mountain, 3) Lakeview, 4)

1 Suck Creek, and 5) Lone Oak. The industrial class area is limited to
2 Chattanooga. The Other Public Authority includes the residential
3 locations, less the community of Lone Oak.

4 TAWC also sells water to four other Water Utilities: Fort
5 Oglethorpe (Georgia), Catoosa Utility District (Georgia), Signal
6 Mountain, and Walden's Ridge, both in Tennessee. The Fire Service
7 category is not broken down by location.

8 The final revenue category, Other Operating Revenues, is
9 comprised of new service fees, late payment penalties, rent, sewer
10 revenues, connection fees, and other miscellaneous fees. The CAPD
11 has not calculated other miscellaneous revenues and, therefore, adopts
12 the TAWC attrition year estimates for Other Operating Revenues.

13
14 **Q. Please describe the forecasting methods for the category**
15 **Residential Operating Revenues.**

16 A. The CAPD has adopted the test period for the year ending
17 September 30, 2010 in order to forecast residential revenues and all
18 other revenue categories. Utilizing a more recent test period produces
19 less stale data and is more reflective of current trends. This is in
20 contrast to the test period chosen by TAWC, ending March 31, 2010.

21 In order to forecast residential operating revenues, billing
22 determinants were compiled monthly for the residential class. Then,
23 those billing determinants were combined with data from previous
24 TAWC rate cases filed in 2004 (04-00288), 2006 (06-00290), and

1 2008 (08-00039). This previous data provides an excellent continuum
2 of billing determinants for use in trend analysis. The residential billing
3 determinants were calculated by trending the number of meters and
4 water usage history from the twelve month period ending July 2004
5 through the twelve months ending September 2010. These billing
6 determinants were used for the locations of Chattanooga, Lookout
7 Mountain, Lakeview, and Suck Creek. For the community of Lone
8 Oak, billing determinants from the period August, 2006 through
9 September 2010 were used because earlier data was not available.
10 Then, the trended billing determinants for the past years ending with
11 the test year ending September 2010 were applied to present rates.
12 This calculation yielded the billing determinants for the attrition year
13 ending December 31, 2011. Those billing determinants were then
14 multiplied by current water rates to calculate an attrition year total of
15 \$16,166,827 in Residential Operating Revenue.

16
17 **Q. What is the difference in the calculation of Residential Operating**
18 **Revenues used by TAWC and the CAPD?**

19 A. TAWC adopted the test year ending March 31, 2010 in
20 forecasting its Residential Operating Revenues. As a result, TAWC is
21 forecasting Residential Operating Revenues of \$15,243,199 at present
22 rates for the attrition year. TAWC's attrition year Residential
23 Operating Revenues are restricted to minimal growth due to TAWC's
24 Weather Normalization Adjustment ("WNA"). TAWC uses the
25 WNA to **decrease** its attrition year Residential Operating Revenues

1 by \$318,523.⁸ As discussed previously, CAPD witness, Mr. Novak,
2 has concluded that TAWC's WNA is not appropriate and should be
3 disallowed. The CAPD, in contrast, does not use the WNA and
4 calculates that attrition year Residential Operating Revenues will be
5 \$16,111,079⁹. The resulting difference between TAWC and the
6 CAPD's Residential Operating Revenues is \$867,880.¹⁰

7
8 **Q. Please explain the CAPD's forecasting methods for the category**
9 **Commercial Operating Revenues.**

10 A. The CAPD adopted the test period ending September 30, 2010
11 for its forecast of Commercial Operating Revenues. The billing
12 determinants were calculated using trend analysis of the number of
13 water meters and volume usage from the twelve month period
14 beginning August 2003 through the twelve month period ending
15 September 2010, for the billing regions of Chattanooga, Lookout
16 Mountain, Lakeview and Suck Creek. The billing determinants were
17 calculated using trend analysis of the number of water meters and
18 volume usage from the twelve month period beginning August 2006
19 for the billing region of Lone Oak. The blended billing determinants
20 of the CAPD test year were used and trend analysis applied to the
21 attrition year using **current rates**, resulting in a CAPD calculation of
22 \$11,681,708¹¹ for Commercial Operating Revenues.

⁸ TRA-01-Q013-Revenues, Page 2 of 55.

⁹ CAPD Work Paper R-Revenue Comparative Summary, Line 1.

¹⁰ CAPD Work Paper R-Revenue Comparative Summary, Line 1.

¹¹ CAPD Work Paper R-Revenue Comparative Summary, line 2.

1 **Q. What is the difference in the calculation of Commercial Operating**
2 **Revenue used by TAWC and the CAPD?**

3 A. TAWC again adopted the older test year ending March 31,
4 2010 and has forecasted Commercial Operating Revenues for the
5 attrition year at \$11,534,347.¹² Again, as in Residential calculations,
6 TAWC Commercial Operating Revenues are reduced mainly by
7 TAWC's Weather Normalization Adjustment (WNA). In contrast,
8 the CAPD calculates the attrition year Commercial Operating
9 Revenues to be \$11,681,708¹³, resulting in a difference of \$147,361.

10
11 **Q. Please describe the forecasting methods for the category**
12 **Industrial Operating Revenues.**

13 A3 This revenue category includes only the Chattanooga billing
14 region. As with the residential and commercial categories in
15 Chattanooga, billing determinants were available as far back as
16 January 2004, detailing a significant history. Those determinants
17 were trended through the CAPD test year ending September 30, 2010.
18 Then those trended billing determinants were multiplied by **current**
19 industrial class water rates and the result was the attrition year
20 calculated Industrial Operating Revenues of \$3,520,697.¹⁴ TAWC's
21 use of the older, more stale, test year data ending March 31, 2010,
22 results in a calculation of Industrial Operating Revenue of

¹² CAPD Work Paper R-Revenue Comparative Summary, Line 2.

¹³ CAPD Work Paper R-Revenue Comparative Summary, Line 2.

¹⁴ CAPD Work Paper R-Revenue Comparative Summary, line 3.

1 \$3,401,964¹⁵. TAWC's calculation is a **Zero Percent** increase over
2 its test year.

3 Per CAPD calculations, volume increased by 11% percent in
4 just the six month period between April 1, 2010 and September 30,
5 2010, the most recent monthly data available. Again, this six month
6 period was not included in TAWC's test year. Since industrial use is
7 dependent on volume and not the number of meters for growth,
8 TAWC has not captured the increasing growth of this class. TAWC's
9 calculation of Industrial Operating Revenue for their test period was
10 \$3,401,964.¹⁶ Using updated test year data, CAPD revenue estimates
11 exceed TAWC's estimates by \$118,733.¹⁷

12
13 **Q. Please describe the forecast methods for the category Other**
14 **Public Authority Operating Revenues.**

15 A. The CAPD used the updated test year billing determinants
16 ending September 30, 2010. When applied to current rates, the
17 CAPD's forecast of Other Public Authority Operating Revenues is
18 \$2,549,888.¹⁸ TAWC factored in **no increase** to their older test year
19 projection for the attrition year, resulting in \$2,556,253¹⁹ in Other
20 Public Authority Operating Revenues. Using trend analysis statistical
21 techniques, CAPD estimates that this category's revenues will decline

¹⁵ CAPD Work Paper R-Revenue Comparative Summary, line 3.

¹⁶ TAWC, Exhibit 4, Schedule 2, Page 7 of 13

¹⁷ CAPD Work Paper R-Revenue Comparative Summary, line 3.

¹⁸ CAPD Work Paper R-Revenue Comparative Summary, Line 4.

¹⁹ TRA-01-Q013-Revenues.

1 by \$6,365.²⁰ For example, Other Public Authority Operating
2 Revenues volumetric billing determinants for the Chattanooga billing
3 district have declined by calendar year beginning in 2004 from
4 1,216,889 cubic feet to 1,025,432 cubic feet in 2009.²¹ This decline
5 has been steady over the full calendar years 2004 through 2009. By
6 using trend analysis on the historical billing determinants, the CAPD
7 was able to detect a probable decline in volumes and a resulting
8 decline in revenues.

9
10 **Q. Please describe the forecasting methods for the category Other**
11 **Water Utility Operating Revenues.**

12 A. The CAPD again used the more recent test year data from the
13 year ending September 30, 2010. The class Other Water Utility
14 Operating Revenues includes the utility districts of Fort Oglethorpe,
15 Catoosa, Signal Mountain, and Walden's Ridge.

16 TAWC predicts that revenues in this class will remain constant
17 from the older test year through the attrition year at \$1,308,493.²² The
18 CAPD, however, in contrast, predicts a decline in revenues during the
19 attrition year to \$1,293,805.²³

20 Once again, as in the previous example of Other Public
21 Authority Operating Revenues, a sharp decline in volumetric usage by

²⁰ CAPD Work Paper R-Revenue Comparative Summary, Line 4.

²¹ CAPD Work Paper R-Public Authority History; CAPD Work Paper R-OPA Trend.

²² CAPD Work Paper R-Revenue Comparative Summary, Line 5.

²³ CAPD Work Paper R-Revenue Comparative Summary, Line 5.

1 Catoosa County during the CAPD newer test year ending September
2 30, 2010, reveals that revenues will decline by at least \$14,688²⁴
3 during the attrition year. The loss of business from Catoosa County,
4 Georgia, is cited in testimony by TAWC witness John S. Watson.²⁵
5 Catoosa Utility District Authority stopped purchasing water from
6 TAWC in 2008 when it's contract expired. Catoosa's current water
7 source is a spring. It is not known at this time if a subsequent contract
8 will be negotiated due to drought conditions in the future.

9 Since Catoosa Utility District Authority had been purchasing
10 416,111 cubic feet of water annually, as recently as 2008, it's loss
11 may exceed that predicted by the CAPD's trend analysis. On the
12 opposite side of the equation, this loss frees up that much more
13 existing capacity for TAWC to resell, without expanding production
14 and its ensuing associated costs.

15
16 **Q. Please describe the forecasting methods for the category Private**
17 **Fire Service Operating Revenues.**

18 A. The CAPD used the historical billing determinants, as with
19 other classes of service. In this particular class, the CAPD used the
20 trend analysis technique on each meter pipe size to determine if any
21 attrition year estimates should be changed. As a result, the CAPD
22 determined that, although the **total** billing determinants were the same
23 as the TAWC's forecast, different meter pipe sizes produced different

²⁴ CAPD Work Paper R-Revenue Comparative Summary, Line 5.

²⁵ TAWC Direct Testimony of witness John S. Watson, Q 33, Page 36, Line 25.

1 forecast revenues. TAWC calculates that Private Fire Service
2 Operating Revenues will total \$1,735,066.²⁶ The CAPD calculates the
3 amount to be \$1,719,717.²⁷ Therefore, the CAPD's trend analysis of
4 Private Fire Service Operating Revenues is lower than that of TAWC
5 by \$14,688.²⁸ Again, this demonstrates the forward looking value of
6 trend analysis.

7
8 **SUMMARY**

9 **Q. Please summarize the CAPD's overall forecasts of comparative**
10 **Operating Revenues.**

11 A. The CAPD's forecast of overall Operating Revenues totals
12 \$38,399,479²⁹, which is \$1,103,022³⁰ greater than TAWC's forecast
13 of \$37,296,457³¹.

14 Based on what is reported in TAWC's exhibits, there are
15 several obvious differences between the CAPD and TAWC forecasts.
16 First, when forecasting Residential Revenues, TAWC has only used
17 growth/shrinkage factors on one meter size per revenue class. This
18 does not capture what has historically occurred with the other meter
19 sizes. The CAPD, in comparison, applied growth and/or shrinkage
20 factors to **all** meter sizes in the residential class. This same difference
21 continued in the volumetric calculations in the residential class where

²⁶ CAPD Work Paper R-Revenue Comparative Summary, Line 6.

²⁷ CAPD Work Paper R-Revenue Comparative Summary, Line 6.

²⁸ CAPD Work Paper R-Revenue Comparative Summary, Line 6.

²⁹ CAPD Work Paper R-Revenue Comparative Summary, Line 10.

³⁰ CAPD Work Paper R-Revenue Comparative Summary, Line 10.

³¹ CAPD Work Paper R-Revenue Comparative Summary, Line 10

1 TAWC considered only two categories, whereas the CAPD
2 considered **all** cubic feet calculations in the volumetric calculations.

3 The CAPD has examined the 'bill analysis' referred to by
4 TAWC witness Sheila A. Miller³² and cannot determine any statistical
5 method that was used to calculate future billing determinants, other
6 than those few that were just discussed above.

7 Second, as discussed by CAPD expert witness William H. (Hal)
8 Novak, TAWC's Weather Normalization Adjustment, unrealistically
9 reduces TAWC's revenues. The CAPD holds that this reduction is
10 not correct.

11 Third, the CAPD's use of trend analysis captures the likelihood
12 of increases and decreases to billing determinants better than other
13 statistical analysis techniques that *do not use past data*. Averaging, as
14 is often used, does not foresee *future* changes. Trend analysis is a
15 method that uses the benefit of historical information (which exists
16 since 2003 to present for most of TAWC's billing determinate data) to
17 spot future outcomes. The CAPD feels that this statistical technique is
18 the best one suited to this docket and calculating attrition year values.

19
20 **Q. Does this conclude your testimony on Operating Revenues?**

21 **A.** Yes it does.
22
23

³² TAWC Docket 10-00189 Direct testimony of Sheila A. Miller, page 5, Q. 12.

**OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
TENNESSEE - AMERICAN WATER COMPANY
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CONSUMER ADVOCATE AND PROTECTION DIVISION
TENNESSEE - AMERICAN WATER COMPANY
TRA DOCKET #10-00189
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OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
SUMMARY ATTRITION YEAR REVENUE COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-REVENUE COMPARATIVE SUMMARY

Line No.	Class of Service	3/31/2010	3/31/2010	Tennessee American Water Company		Consumer Advocate and Protection Division		Over (Under)
		Per Book Total Revenues	Normalized Total Revenues	Attrition Year @ Present Rates		Attrition Year @ Present Rates		CAPD Forecast Revenues
				12/31/2011 Total Revenues	Percent Increase Over 3/31/2010	12/31/2011 Total Revenues	Percent Increase Over 3/31/2010	
1	Residential	\$ 15,613,436	\$ 15,159,653	\$ 15,243,199	0.55% A/	\$ 16,111,079	6.28%	\$ (867,880)
2	Commercial	11,512,840	11,403,023	11,534,347	1.15% B/	11,681,708	2.44%	(147,361)
3	Industrial	3,400,242	3,401,964	3,401,964	0.00% C/	3,520,697	3.49%	(118,733)
4	Other Public Authority	2,556,475	2,556,253	2,556,253	0.00% D/	2,549,888	-0.25%	6,365
5	Other Water Utility	1,248,931	1,308,493	1,308,493	0.00% E/	1,293,805	-1.12%	14,688
6	Private Fire Service	1,721,772	1,721,772	1,735,066	0.77% F/	1,719,717	-0.12%	15,349
7	Public Fire Service	(66)	-	-		40		(40)
8	Subtotal	\$ 36,053,630	\$ 35,551,158	\$ 35,779,322	0.64%	\$ 36,876,934	3.73%	\$ (1,097,612)
9	Other Operating Revenues	1,517,219	1,512,788	1,517,135	0.29% G/	1,522,545	0.64%	(5,410)
10	Total Revenue	\$ 37,570,849	\$ 37,063,946	\$ 37,296,457	0.63%	\$ 38,399,479		\$ (1,103,022)
A/ CAPD Work Paper R-RES SUMMARY								
B/ CAPD Work Paper R-COMM SUMMARY								
C/ CAPD Work Paper R-IND SUMMARY								
D/ CAPD Work Paper R-OPA SUMMARY								
E/ CAPD Work Paper R-OTHER UTIL SUMMARY								
F/ TRA Exhibit 4, Sch 1, Page 1 of 1, Line 6..								
G/ TRA Exhibit 4, Sch 1, Page 1 of 1, Line 9.								

A/ CAPD Work Paper R-RES SUMMARY
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OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RES SUMMARY

	TAWC	CAPD	Difference
Chattanooga	\$ 13,538,616 A/	\$ 14,161,972 A/	\$ (623,356)
Lookout Mountain	942,636 A/	1,065,011 A/	(122,375)
Lakeview	715,044 A/	720,212 A/	(5,168)
Lone Oak	64,618 A/	67,113 A/	(2,495)
Suck Creek	95,003 A/	96,771 A/	(1,768)
Total Residential	\$ 15,355,918	\$ 16,111,079	\$ (755,162)
Corrections and Allowances	(113,625)		(113,625)
Tolerance Factor/Rounding	906		906
Total Net Residential Revenues	\$ 15,243,199 B/	\$ 16,111,079	\$ (867,881)

A/ CAPD Work Papers, R-RES COMPARATIVE
 B/ TAWC Exhibit No. 4, Schedule 1, Page 1 of 1, Line 5

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

Meter Charges	Meter Size	Chatanooga				R-RES COMPARATIVE			
		Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
	5/8"	\$ 10.88	724,498	\$ 7,882,538	728,218	\$ 7,923,007	\$ (40,469)		
	3/4"	18.28	1,089	19,907	1,183	21,629	(1,722)		
	1"	30.41	1,949	59,269	2,055	62,490	(3,221)		
	1 1/2"	60.85	207	12,596	224	13,633	(1,037)		
	2"	97.35	114	11,098	89	8,694	2,404		
	3"	182.53	1	183	1	183	-		
	4"	-	-	-	-	-	-		
	6"	-	-	-	-	-	-		
	8"	-	-	-	-	-	-		
	Total		727,858	\$ 7,985,591	735,700	\$ 8,029,635	\$ (44,044)		
Volumetric Rates									
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast			
First 400 Cubic Feet	\$ 0.202	2,294,987	\$ 463,587	2,299,841	\$ 464,568	\$ (981)			
Next 6,100 Cubic Feet	3.207	1,546,547	4,959,776	1,717,398	5,507,696	(547,919)			
Next 43,500 Cubic Feet	2.015	62,450	125,837	75,019	151,163	(25,326)			
Next 450,000 Cubic Feet	1.506	2,540	3,825	5,917	8,911	(5,086)			
Next 1,000,000 Cubic Feet	1.151	-	-	-	-	-			
All Over 1,500,000 Cubic Feet	0.684	-	-	-	-	-			
Total Residential		3,906,524	\$ 5,553,026	4,098,175	\$ 6,132,337	\$ (579,312)			
			\$ 13,538,616		\$ 14,161,972	\$ (623,356)			

A/ TAWC Exhibit No. 4, Schedule 2, Page 1 of 13, Lines 15 and 24.
B/ CAPD Work Paper, R-RESIDENTIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

Meter Changes	Meter Size	Lookout Mtn.		R-RES COMPARATIVE		TAWC Over (Under) CAPD Revenue Forecast
		Present Rates	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates
				A/		B/
	5/8"	\$ 10.88	\$ 12.21	20,853	\$ 254,615	21,362
	3/4"	18.28	18.28	501	9,158	558
	1"	30.41	30.41	1,403	42,665	1,516
	1 1/2"	60.85	60.85	24	1,460	24
	2"	97.35	97.35	31	3,018	29
	3"	182.53	-	-	-	-
	4"	-	-	-	-	-
	6"	-	-	-	-	-
	8"	-	-	-	-	-
	Total			22,812	\$ 310,917	23,490
					\$ 321,427	\$ (10,510)
Volumetric Rates						
		Present Rates	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates
	First 400 Cubic Feet	\$ 0.202	\$ 0.753	74,197	\$ 55,870	76,114
	Next 6,100 Cubic Feet	3.207	4.131	128,124	529,280	149,742
	Next 43,500 Cubic Feet	2.015	2.939	15,806	46,454	22,881
	Next 450,000 Cubic Feet	1.506	2.055	56	115	214
	Next 1,000,000 Cubic Feet	1.151	-	-	-	-
	All Over 1,500,000 Cubic Feet	0.684	-	-	-	-
	Total Residential			218,183	\$ 631,719	248,950
					\$ 942,636	\$ 743,584
						\$ (111,865)
						\$ (122,375)

A/ TAWC Exhibit A/ TAWC Exhibit No. 4, Schedule 2, Page 1 of 13, Lines 36 and 45.
B/ CAPD Work B/ CAPD Work Paper, R-RESIDENTIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RES COMPARATIVE									
Meter Charges	Meter Size	Lakeview							
		Present Rates	Present Rates	TAWC Billing A/ Determinates	TAWC Revenue Forecast	CAPD Billing B/ Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
	5/8"	\$ 10.88	\$12.21	33,672	\$ 411,135	33,781	\$ 412,472	\$ (1,337)	
	3/4"	18.28	18.28	-	-	-	-	-	
	1"	30.41	30.41	38	1,156	39	1,199	(43)	
	1 1/2"	60.85	-	-	-	-	-	-	
	2"	97.35	-	-	-	-	-	-	
	3"	182.53	-	-	-	-	-	-	
	4"	-	-	-	-	-	-	-	
	6"	-	-	-	-	-	-	-	
	8"	-	-	-	-	-	-	-	
	Total			33,710	\$ 412,291	33,821	\$ 413,671	\$ (1,380)	
Volumetric Rates									
	Present Rates	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
First 400 Cubic Feet	\$ 0.202	\$0.372	108,092	\$ 40,210	107,247	\$ 39,896	\$ 314		
Next 6,100 Cubic Feet	3.207	3.534	73,824	260,894	75,209	265,787	(4,893)		
Next 43,500 Cubic Feet	2.015	2.342	704	1,649	366	858	791		
Next 450,000 Cubic Feet	1.506	-	-	-	-	-	-		
Next 1,000,000 Cubic Feet	1.151	-	-	-	-	-	-		
All Over 1,500,000 Cubic Feet	0.684	-	-	-	-	-	-		
Total Residential			182,620	\$ 302,753	182,822	\$ 306,541	\$ (3,788)		
				\$ 715,044		\$ 720,212	\$ (5,168)		

A/ TAWC Exhibit A/ TAWC Exhibit No. 4, Schedule 2, Page 2 of 13, Lines 15 and 24.
 B/ CAPD Work B/ CAPD Work Paper, R-RESIDENTIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

Meter Charges	Meter Size	Lone Oak				R-RES COMPARATIVE			
		Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
	5/8"	\$ 32.76	1,441	\$ 47,207	1,427	\$ 46,756	\$ 451		
	3/4"	32.76	-	-	-	-	-		
	1"	32.76	-	-	-	-	-		
	1 1/2"	32.76	-	-	-	-	-		
	2"	32.76	-	-	-	-	-		
	3"	32.76	-	-	-	-	-		
	4"	32.76	-	-	-	-	-		
	6"	32.76	-	-	-	-	-		
	8"	32.76	-	-	-	-	-		
	Total		1,441	\$ 47,207	1,427	\$ 46,756	\$ 451		
Volumetric Rates									
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast			
First 100 Cubic Feet	\$ -	3,211	\$ -	3,240	\$ -	\$ -			
Over 100 Cubic Feet	4,1200	4,226	17,411	4,941	20,357	(2,946)			
First 400 Cubic Feet	-	-	-	-	-	-			
Next 6,100 Cubic Feet	-	-	-	-	-	-			
Next 43,500 Cubic Feet	-	-	-	-	-	-			
Total Residential		7,437	\$ 17,411	8,181	\$ 20,357	\$ (2,946)			
			\$ 64,618		\$ 67,113	\$ (2,495)			

A/ TAWC Exhibit No. 4, Schedule 2, Page 2 of 13, Lines 36 and 46.
 B/ CAPD Work Paper, R-RESIDENTIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

		R-RES COMPARATIVE									
		Suck Creek				TAWC Over					
		Present Rates		Present Rates		TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	(Under) CAPD Revenue Forecast	
Meter Charges	Meter Size										
	5/8"	\$	32.76	\$ 23.85	2,533	\$ 60,412	2,530	\$ 60,340	\$	72	
	3/4"		32.76	23.85		-	-	-		-	
	1"		32.76	23.85	12	286	12	286		-	
	1 1/2"		32.76	23.85	-	-	-	-		-	
	2"		32.76	23.85	-	-	-	-		-	
	3"		32.76	23.85	-	-	-	-		-	
	4"		32.76	23.85	-	-	-	-		-	
	6"		32.76	23.85	-	-	-	-		-	
	8"		32.76	23.85	-	-	-	-		-	
	Total				2,545	\$ 60,698	2,542	\$ 60,626	\$	72	
Volumetric Rates											
		Present Rates		Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
First 100 Cubic Feet		\$ -		\$ -	4,681	\$ -	4,690	\$ -	\$ -	-	
Ocer 100 Cubic Feet		4.1200		3,444	8,712	30,004	8,990	30,960		(956)	
		-		2,583	1,665	4,301	2,007	5,185		(885)	
First 400 Cubic Feet		-		-	-	-	-	-		-	
Next 6,100 Cubic Feet		-		-	-	-	-	-		-	
Next 43,500 Cubic Feet		-		-	-	-	-	-		-	
Total Residential					15,058	\$ 34,305	15,687	\$ 36,145	\$	(1,840)	
						\$ 95,003		\$ 96,771	\$	(1,768)	

A/ TAWC Exhib
 B/ CAPD Work A/ TAWC Exhibit No. 4, Schedule 2, Page 3 of 13, Lines 15 and 26.
 B/ CAPD Work Paper, R-RESIDENTIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-RESIDENTIAL TREND

12/31/2011

Meter Size	Chattanooga										B/ TAWC
	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	12/31/2011			
5/8"	708,635	696,639	709,354	722,443	722,601	719,643	720,108	728,218	724,498	1,089	
3/4"	936	965	1,031	1,136	1,146	1,105	1,083	1,183	1,089	1,089	
1"	1,802	1,955	2,034	2,133	2,079	1,959	1,933	2,055	1,949	207	
1 1/2"	209	226	208	237	228	213	219	224	207	114	
2"	171	177	138	130	122	117	108	89	114	1	
3"	1	8	1	2	1	-	1	1	1	1	
4"											
6"											
8"											
Total Meters	711,754	699,970	712,766	726,081	726,177	723,037	723,452	731,770	727,856		

Volumetric Rates

First 400 Cubic Feet	2,227,297	2,353,231	2,285,157	2,328,312	2,307,424	2,278,963	2,280,214	2,299,841	2,294,987	
Next 6,100 Cubic Feet	1,633,340	1,791,219	1,781,923	1,918,055	1,783,956	1,645,905	1,661,747	1,717,398	1,546,547	
Next 43,500 Cubic Feet	45,243	56,241	62,639	72,895	66,434	64,792	66,874	75,019	62,450	
Next 450,000 Cubic Feet	(4,800)	3,520	6,489	5,013	3,975	3,377	2,735	5,917	2,540	
Next 1,000,000 Cubic Feet	(2,336)		131	(3,998)	-	-	-	-	-	
All Over 1,500,000 Cubic Feet	3,898,744	4,204,211	4,136,339	4,320,277	4,161,790	3,993,036	4,011,569	4,098,175	3,906,524	
Total Volumetric										

A/ CAPD Work Papers R-RESIDENTIAL HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 1 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-RESIDENTIAL TREND

12/31/2011

Meter Size	Lookout Mountain									B/ TAWC
	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	A/ 12/31/2011		
5/8"	18,916	19,070	19,395	20,201	20,419	20,658	20,756	21,362	20,853	
3/4"	378	401	445	489	510	492	513	558	501	
1"	1,124	1,155	1,222	1,336	1,403	1,399	1,403	1,516	1,403	
1 1/2"	24	24	22	24	24	24	24	24	24	
2"	36	36	34	36	36	34	25	29	31	
3"					0	-	-			
4"					0	-	-			
6"					0	-	-			
8"					0	-	-			
Total Meters	20,478	20,686	21,118	22,086	22,393	22,158	22,721	23,490	22,812	

Volumetric Rates

First 400 Cubic Feet	70,995	71,377	72,324	75,496	75,245	73,873	74,416	76,114	74,197
Next 6,100 Cubic Feet	140,247	148,029	156,326	186,397	160,143	132,885	142,513	149,742	128,124
Next 43,500 Cubic Feet	10,979	14,225	21,679	28,993	21,882	14,732	19,467	22,881	15,806
Next 450,000 Cubic Feet	119	295	343	56	787	-	93	214	56
Next 1,000,000 Cubic Feet				0	0	-	-		
All Over 1,500,000 Cubic Feet				0	0	-	-		
Total Volumetric	222,340	233,926	250,672	290,942	258,057	268,544	236,489	248,950	218,183

A/ CAPD Work Papers R-RESIDENTIAL HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 1 of 13, Lines 36 and 45

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-RESIDENTIAL TREND

12/31/2011

Meter Size	Lakeview								B/ TAWC
	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	12/31/2011	
5/8"	32,896	32,805	33,015	33,555	33,806	33,560	33,249	33,781	33,672
3/4"	12	18	12	3	-	-	-	-	-
1"	46	48	48	48	48	41	37	39	38
1 1/2"									
2"									
3"									
4"									
6"									
8"									
Total Meters	32,954	32,871	33,075	33,606	33,854	33,956	33,286	33,821	33,710

Volumetric Rates

First 400 Cubic Feet	108,308	108,914	108,632	109,270	108,863	107,601	106,622	107,247	108,092
Next 6,100 Cubic Feet	87,364	88,005	84,165	85,138	82,482	77,981	76,719	75,209	73,824
Next 43,500 Cubic Feet	2,111	1,510	1,251	814	838	1,172	624	366	704
Next 450,000 Cubic Feet	-								
Next 1,000,000 Cubic Feet									
All Over 1,500,000 Cubic Feet	197,783	198,429	194,048	195,222	192,183	192,941	183,965	182,822	182,620
Total Volumetric									

A/ CAPD Work Papers R-RESIDENTIAL HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 2 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-RESIDENTIAL TREND

12/31/2011

Lone Oak

Meter Size	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011	B/ TAWC
5/8"	-	-	602	1,288	1,346	1,432	1,427	1,427	1,441
3/4"	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-
1 1/2"	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-
Total Meters	-	-	602	1,288	1,346	1,432	1,427	1,427	1,441

Volumetric Rates

First 400 Cubic Feet	-	-	1,419	2,985	3,037	3,197	3,240	3,240	3,211
Next 6,100 Cubic Feet	-	-	1,993	5,201	4,781	4,280	4,941	4,941	4,226
Next 43,500 Cubic Feet	-	-	-	-	-	-	-	-	-
Total Volumetric	-	-	3,412	8,186	7,818	7,477	8,181	8,181	7,437

A/ CAPD Work Papers R-RESIDENTIAL HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 2 of 13, Lines 36 and 46

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
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 RESIDENTIAL BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-RESIDENTIAL TREND

12/31/2011

Meter Size	Suck Creek									B/ TAWC
	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	12/31/2011		
5/8"	1,045	2,377	2,617	2,512	2,523	2,523	2,530	2,530	2,533	
3/4"	-	-	-	-	-	-	-	-	-	
1"	5	12	11	12	12	12	12	12	12	
1 1/2"	-	-	-	-	-	-	-	-	-	
2"	-	-	-	-	-	-	-	-	-	
3"	-	-	-	-	-	-	-	-	-	
4"	-	-	-	-	-	-	-	-	-	
6"	-	-	-	-	-	-	-	-	-	
8"	-	-	-	-	-	-	-	-	-	
Total Meters	1,050	2,389	2,628	2,524	2,535	2,535	2,542	2,542	2,545	

Volumetric Rates

First 400 Cubic Feet	1,919	4,403	4,782	4,643	4,622	4,661	4,690	4,690	4,681
Next 6,100 Cubic Feet	3,760	8,660	9,001	8,912	9,109	8,653	8,990	8,990	8,712
Next 43,500 Cubic Feet	735	1,547	1,348	1,857	1,571	1,766	2,007	2,007	1,665
Total Volumetric	6,414	14,610	15,131	15,412	15,302	15,080	15,687	15,687	15,058

A/ CAPD Work Papers R-RESIDENTIAL HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 3 of 13, Lines 15 and 26

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RESIDENTIAL HIST

Chattanooga Residential Class		Billing Determinants - July 2004												Total	
		August	September	October	November	December	June	July	August	September	October	November	December		
Meter Size	5/8"	55,875	56,001	61,774	51,214	59,357	89,461	53,814	65,121	51,175	44,004	59,432	54,980	706,287	
	3/4"	77	73	101	46	100	126	67	92	66	38	84	74	944	
	1"	142	144	183	118	168	237	125	151	121	82	155	149	1,775	
	1 1/2"	15	15	19	12	19	32	17	17	16	7	15	17	202	
	2"	13	13	16	10	14	23	11	11	12	5	17	17	162	
	3"											1		1	
	4"														
	6"														
	8"														
	Total Meters	56,222	56,246	62,093	51,401	59,656	89,679	54,033	65,392	51,380	44,136	59,703	55,217	709,370	
Volumetric Rates															
First 400 Cubic Feet		182,982	183,831	194,364	164,537	191,852	303,709	171,348	205,000	168,886	145,095	198,645	182,820	2,293,048	
	Next 6,100 Cubic Feet	167,300	171,565	153,653	119,324	135,728	222,764	106,871	131,945	130,379	110,103	183,029	165,037	1,796,727	
	Next 43,500 Cubic Feet	6,461	5,205	5,624	1,857	2,407	4,076	2,131	2,833	2,424	1,467	5,111	5,217	44,914	
	Next 450,000 Cubic Feet			181				63	97		6	17	86	449	
	Next 1,000,000 Cubic Feet														
	All Over 1,500,000 Cubic Feet														
	Total Volumetric	356,743	360,631	353,823	285,818	329,987	530,549	279,413	339,874	301,669	256,670	386,801	353,159	4,135,136	
Chattanooga Residential Class															
		January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size	5/8"	83,461	53,814	65,121	51,175	44,004	59,432	54,980	57,386	57,621	57,544	55,095	59,023	708,635	
	3/4"	126	67	92	66	38	84	74	79	79	79	58	94	936	
	1"	237	125	151	121	82	155	149	159	160	157	129	177	1,802	
	1 1/2"	32	17	17	16	7	15	17	18	17	18	15	20	209	
	2"	23	11	11	12	5	1	17	18	17	15	13	16	171	
	3"													1	
	4"														
	6"														
	8"														
	Total Meters	83,679	54,033	65,392	51,390	44,136	59,703	55,217	57,658	57,804	57,812	55,310	59,330	711,754	
Volumetric Rates															
First 400 Cubic Feet		303,709	171,348	205,000	168,886	145,095	198,645	182,820	190,610	180,742	184,369	174,431	187,486	2,303,130	
	Next 6,100 Cubic Feet	222,764	106,871	131,945	130,379	110,103	183,029	165,037	178,185	170,142	153,221	123,404	141,423	1,815,501	
	Next 43,500 Cubic Feet	4,076	2,131	2,833	2,424	1,467	5,111	5,217	7,082	5,897	5,888	4,180	1,435	47,540	
	Next 450,000 Cubic Feet		63	97		6	17	86	270	53	1,286	4,966	(11,639)	(4,795)	
	Next 1,000,000 Cubic Feet											4,994	(7,330)	(2,336)	
	All Over 1,500,000 Cubic Feet														
	Total Volumetric	530,549	279,413	339,874	301,669	256,670	386,801	353,159	378,146	366,634	344,764	311,975	311,384	4,155,040	

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	61,186	54,616	59,693	57,760	55,358	60,805	52,790	60,911	58,187	58,797	55,639	60,898	666,639
3/4"	81	68	80	75	73	88	57	107	73	95	66	102	965
1"	160	139	152	153	152	172	133	201	159	184	182	189	1,955
1 1/2"	19	18	18	19	19	19	16	22	18	20	16	22	226
2"	16	13	15	15	13	15	13	17	15	15	13	17	177
3"	-	-	-	-	-	-	1	1	1	1	2	1	8
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	61,462	54,853	59,958	58,022	55,615	61,099	53,010	61,259	58,453	59,112	55,899	61,228	699,970
Volumetric Rates													
First 400 Cubic Feet	267,907	171,428	186,616	187,147	208,530	202,267	174,272	201,933	192,509	189,441	177,628	194,553	2,353,231
Next 6,100 Cubic Feet	158,118	98,003	116,834	136,639	132,278	163,427	152,046	183,100	182,199	166,379	135,755	144,441	1,791,219
Next 43,500 Cubic Feet	4,872	2,228	2,979	2,359	2,689	4,108	4,640	7,017	6,771	8,670	5,235	4,674	56,241
Next 450,000 Cubic Feet	915	-	-	-	63	127	619	188	257	229	371	752	3,520
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	431,813	271,659	305,429	328,146	343,559	389,929	331,576	392,238	381,738	364,719	318,988	344,419	4,204,212

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	61,057	55,368	64,099	50,029	64,242	58,934	56,264	64,842	58,418	62,133	56,543	59,425	709,354
3/4"	86	75	89	55	110	87	82	98	85	94	86	84	1,031
1"	154	154	173	127	192	178	170	206	165	189	167	161	2,034
1 1/2"	18	19	20	18	20	18	18	18	18	18	18	6	208
2"	13	13	13	11	13	12	11	13	12	12	12	3	138
3"	1	-	-	-	-	-	1	-	-	-	-	-	1
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	61,328	55,629	64,393	50,241	64,577	59,227	56,545	65,176	56,698	62,446	56,826	59,679	712,767
Volumetric Rates													
First 400 Cubic Feet	194,714	171,828	201,323	160,911	207,737	196,286	187,492	212,407	165,586	199,855	179,914	188,104	2,285,157
Next 6,100 Cubic Feet	139,134	106,692	122,765	108,328	149,618	185,477	183,213	201,377	166,957	154,020	125,462	128,882	1,781,923
Next 43,500 Cubic Feet	2,552	3,441	2,240	2,166	4,100	6,455	10,884	10,161	7,536	5,139	3,648	4,318	62,639
Next 450,000 Cubic Feet	(752)	21	273	231	21	1,494	1,684	984	413	-	-	-	6,489
Next 1,000,000 Cubic Feet	-	-	-	131	-	-	-	-	-	-	-	-	131
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	335,648	281,981	326,601	273,887	361,477	388,711	393,273	424,929	380,492	359,013	309,024	321,304	4,136,339

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CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	65,341	56,028	62,670	56,483	62,897	59,448	59,904	65,073	54,766	65,266	57,042	57,525	722,443
3/4"	97	77	94	81	102	95	99	102	97	99	97	96	1,136
1"	187	153	173	160	181	174	185	188	180	189	184	179	2,133
1 1/2"	19	18	20	18	21	20	20	20	20	20	20	20	237
2"	12	12	12	11	10	10	10	10	11	11	11	10	130
3"	-	-	-	-	1	2	-	-	-	-	-	-	2
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	65,656	56,289	62,969	56,753	63,212	59,749	60,218	65,393	55,074	65,585	57,353	57,830	726,081
Volumetric Rates													
First 400 Cubic Feet	206,840	173,724	195,272	182,109	202,724	199,280	198,143	211,769	181,720	210,713	182,755	183,262	2,328,312
Next 6,100 Cubic Feet	141,647	103,364	117,119	129,755	158,721	226,944	203,717	190,492	188,688	184,336	136,250	127,043	1,918,055
Next 43,500 Cubic Feet	2,788	2,022	2,286	3,083	3,875	10,194	12,235	7,023	12,486	8,651	4,783	3,460	72,895
Next 450,000 Cubic Feet	654	80	1,800	245	-	421	189	(334)	617	788	353	-	5,013
Next 1,000,000 Cubic Feet	-	-	4,000	-	-	-	(4,000)	-	-	-	-	-	(3,998)
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	(3,998)	-	-	-	-	-	-
Total Volumetric	351,940	279,190	320,477	315,192	365,320	436,839	406,266	408,949	393,691	404,488	324,141	313,765	4,320,278
Chattanooga Residential Class													
Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	65,400	59,780	54,820	62,643	57,586	58,866	62,093	60,055	57,600	65,967	51,538	66,452	722,601
3/4"	95	93	90	93	95	97	98	94	94	107	83	108	1,146
1"	167	160	156	162	166	182	194	178	184	190	153	186	2,079
1 1/2"	19	19	19	19	19	19	19	19	18	20	17	21	228
2"	10	10	10	11	10	10	10	10	10	10	10	10	122
3"	-	-	-	0	0	1	-	-	-	-	-	-	1
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	65,691	60,063	54,895	62,929	57,877	59,174	62,415	60,356	57,906	66,294	51,801	66,777	726,177
Volumetric Rates													
First 400 Cubic Feet	208,020	183,971	169,356	198,385	182,050	193,809	205,091	195,422	189,914	211,969	161,849	207,588	2,307,424
Next 6,100 Cubic Feet	147,948	110,247	99,173	130,210	120,976	176,562	214,422	176,354	189,879	175,118	105,866	137,201	1,783,956
Next 43,500 Cubic Feet	3,542	4,777	2,145	3,485	3,758	6,353	8,770	8,692	9,877	8,083	3,337	3,613	66,434
Next 450,000 Cubic Feet	16	420	-	-	87	132	1,099	761	959	420	23	68	3,975
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	359,526	299,416	270,674	332,080	308,871	376,857	429,383	381,219	390,629	395,591	271,074	348,470	4,161,790

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	60,057	57,247	62,913	57,845	55,749	62,847	63,252	59,961	60,109	60,021	53,607	66,034	719,643
3/4"	92	80	100	91	78	96	105	95	97	93	77	100	1,105
1"	155	145	158	152	142	182	177	175	175	172	144	182	1,959
1 1/2"	19	18	20	19	16	18	18	17	17	17	15	19	213
2"	10	10	10	10	14	9	9	9	9	9	9	9	117
3"													-
4"													-
6"													-
8"													-
Total Meters	60,333	57,499	63,202	58,118	55,999	63,153	63,561	60,257	60,408	60,312	53,852	66,344	723,037
Volumetric Rates													
First 400 Cubic Feet	188,592	178,085	192,901	181,203	178,021	202,293	208,023	193,527	193,281	188,304	168,549	205,185	2,278,963
Next 6,100 Cubic Feet	126,733	119,783	110,249	113,000	121,587	160,296	217,268	167,485	151,912	123,137	107,450	126,994	1,645,905
Next 43,500 Cubic Feet	4,062	6,789	2,227	1,589	5,569	5,496	14,130	8,614	5,986	4,797	2,690	2,843	64,792
Next 450,000 Cubic Feet		990				245	901	1,075	165				3,377
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	319,387	306,646	305,377	295,793	305,186	368,330	440,322	370,701	351,345	316,238	278,689	335,022	3,993,036

Meter Size	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
5/8"	59,890	56,486	64,214	58,514	56,853	63,349	60,304	61,478	59,357				540,446	720,108
3/4"	85	74	97	86	80	105	93	95	94				812	1,083
1"	150	141	156	152	156	175	168	169	168				1,435	1,933
1 1/2"	17	16	18	19	18	20	20	20	20				168	219
2"	9	9	9	9	9	9	9	9	9				81	108
3"						1							1	1
4"													-	-
6"													-	-
8"													-	-
Total Meters	60,151	56,726	64,495	58,783	57,116	63,660	60,595	61,771	59,649	-	-	-	542,945	723,452
Volumetric Rates														
First 400 Cubic Feet	188,739	174,367	195,564	186,577	180,748	203,745	196,637	197,434	194,365				1,718,176	2,280,214
Next 6,100 Cubic Feet	126,572	104,727	106,013	121,216	124,914	163,436	190,079	177,502	189,706				1,304,165	1,661,747
Next 43,500 Cubic Feet	3,771	5,177	1,786	1,957	3,540	6,163	9,476	11,945	12,728				56,544	66,874
Next 450,000 Cubic Feet	105	38			567	544	676	161	643				2,735	2,735
Next 1,000,000 Cubic Feet													-	-
All Over 1,500,000 Cubic Feet													-	-
Total Volumetric	319,187	284,310	303,364	309,750	309,769	373,888	396,868	387,042	397,442	-	-	-	3,081,620	4,011,569

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Residential Class

R-RESIDENTIAL HIST

		Billing Determinants - July 2004												Total	
		August	September	October	November	December	January	February	March	April	May	June	July	August	September
Meter Size															
5/8"	1,508	1,603	1,804	39	3,110	3,129	1,562	1,564	1,564	12	1,570	1,588	1,588	1,588	1,588
3/4"	33	31	31	2	63	60	29	30	30	34	33	33	33	33	33
1"	85	110	106	2	179	181	86	89	92	99	98	97	97	97	97
1 1/2"	2	2	3		4	4	2	2	2	2	2	2	2	2	2
2"	3	2	6		6	6	3	3	3	3	3	3	3	3	3
3"															
4"															
6"															
8"															
Total Meters	1,631	1,749	1,950	43	3,361	3,379	1,684	1,688	1,691	12	1,706	1,722	1,722	1,722	1,722
Volumetric Rates															
First 400 Cubic Feet	5,781	6,156	6,905	127	11,582	11,567	5,604	5,594	5,997	34	6,129	6,156	6,156	6,156	6,156
Next 6,100 Cubic Feet	14,162	15,336	15,347	196	17,801	17,106	6,783	7,094	12,250	99	16,610	16,323	16,323	16,323	16,323
Next 43,500 Cubic Feet	730	2,000	2,230		974	1,087	79	644	644	42	1,641	1,418	1,418	1,418	1,418
Next 450,000 Cubic Feet															
Next 1,000,000 Cubic Feet															
All Over 1,500,000 Cubic Feet															
Total Volumetric	20,674	23,491	24,482	323	30,357	28,759	12,446	12,722	18,891	174	24,380	23,897	23,897	23,897	23,897
Lookout Mountain Residential Class															
Meter Size		January	February	March	April	May	June	July	August	September	October	November	December	Total	
5/8"	3,129	1,562	1,564	1,564	30	12	1,570	1,588	1,590	1,591	1,589	1,289	1,889	18,916	
3/4"	60	29	30	89	92		33	33	33	33	33	30	35	378	
1"	181	88	89	92	92		98	97	99	97	97	68	117	1,124	
1 1/2"	4	2	2	2	2		2	1	3	2	2	1	3	24	
2"	6	3	3	3	3		3	3	3	3	3	1	5	36	
3"															
4"															
6"															
8"															
Total Meters	3,379	1,684	1,688	1,691	12	1,706	1,722	1,722	1,728	1,726	1,724	1,369	2,049	20,478	
Volumetric Rates															
First 400 Cubic Feet	11,567	5,604	5,594	5,997	34	6,129	6,156	6,091	6,150	6,028	4,601	7,045	7,045	70,995	
Next 6,100 Cubic Feet	17,106	6,763	7,094	12,250	99	16,610	16,323	16,130	15,461	12,348	7,284	12,800	12,800	140,247	
Next 43,500 Cubic Feet	1,087	79	34	644	42	1,641	1,418	2,523	1,253	723	212	1,324	1,324	10,979	
Next 450,000 Cubic Feet														119	
Next 1,000,000 Cubic Feet															
All Over 1,500,000 Cubic Feet															
Total Volumetric	29,759	12,446	12,722	18,891	174	24,380	23,897	24,759	22,864	19,099	12,077	21,273	21,273	222,341	

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	1,581	1,576	1,575	1,577	1,584	1,590	1,500	1,688	1,598	1,607	1,505	1,688	19,070
3/4"	32	32	32	32	32	33	32	37	35	33	31	40	401
1"	92	90	92	93	99	100	86	112	100	100	85	107	1,155
1 1/2"	2	2	2	2	2	2	1	3	2	2	1	3	24
2"	3	3	3	3	3	3	1	5	3	3	1	5	36
3"													-
4"													-
6"													-
8"													-
Total Meters	1,710	1,704	1,704	1,708	1,720	1,728	1,620	1,845	1,737	1,746	1,623	1,843	20,886
Volumetric Rates													
First 400 Cubic Feet	5,710	5,520	5,617	5,868	6,031	6,100	5,752	6,521	6,289	6,083	5,691	6,196	71,377
Next 6,100 Cubic Feet	8,091	6,433	6,894	9,786	12,963	15,320	14,274	16,577	19,949	14,403	12,399	10,941	148,029
Next 43,500 Cubic Feet	524	58	148	188	1,329	1,880	1,577	2,543	2,893	1,466	870	749	14,225
Next 450,000 Cubic Feet					209			86					295
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	14,325	12,011	12,658	15,842	20,532	23,300	21,603	25,727	29,131	21,952	18,960	17,886	233,927

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	1,600	1,582	1,584	1,596	1,618	1,608	1,615	1,631	1,623	1,635	1,636	1,668	19,395
3/4"	34	35	34	34	36	37	37	41	40	40	39	38	445
1"	93	92	92	98	101	103	106	108	107	107	110	105	1,222
1 1/2"	2	2	2	2	2	2	2	2	2	2	2	-	22
2"	3	3	3	3	3	3	3	3	3	3	3	1	34
3"													-
4"													-
6"													-
8"													-
Total Meters	1,731	1,714	1,716	1,733	1,760	1,753	1,764	1,784	1,775	1,787	1,790	1,811	21,117
Volumetric Rates													
First 400 Cubic Feet	5,585	5,550	5,640	5,998	6,039	6,332	6,429	6,468	6,334	6,249	5,895	5,803	72,324
Next 6,100 Cubic Feet	7,122	6,184	6,762	10,927	10,722	20,383	23,599	22,428	17,696	14,112	8,889	7,493	156,326
Next 43,500 Cubic Feet	421	179	312	1,179	1,023	3,295	4,635	5,021	2,735	343	588	165	21,679
Next 450,000 Cubic Feet													343
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	13,128	11,923	12,715	18,104	17,784	30,010	34,663	33,917	26,765	22,830	15,372	13,461	250,672

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	1,637	1,629	1,630	1,655	1,885	1,672	1,693	1,665	1,684	1,691	1,674	1,666	20,201
3/4"	36	38	37	40	41	41	42	42	42	43	43	42	489
1"	106	105	106	108	110	112	114	114	117	118	115	111	1,336
1 1/2"	2	2	2	2	2	2	2	2	2	2	2	2	24
2"	3	3	3	3	3	3	3	3	3	3	3	3	36
3"													-
4"													-
6"													-
8"													-
Total Meters	1,786	1,777	1,779	1,808	2,041	1,830	1,854	1,846	1,848	1,857	1,837	1,824	22,086
Volumetric Rates													
First 400 Cubic Feet	5,813	5,649	5,766	8,202	6,518	6,581	6,653	6,633	6,692	6,639	6,332	6,017	75,496
Next 6,100 Cubic Feet	8,221	6,518	6,576	11,438	17,394	25,260	19,158	21,960	24,821	22,562	13,306	9,183	186,397
Next 43,500 Cubic Feet	96	80	114	911	2,168	5,149	3,699	3,862	6,180	4,629	1,553	552	28,993
Next 450,000 Cubic Feet								56					56
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	14,130	12,247	12,456	18,551	26,080	36,990	29,511	32,511	37,693	33,830	21,191	15,752	290,942
Lookout Mountain Residential Class													
Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	1,868	1,669	1,668	1,727	1,688	1,700	1,718	1,707	1,723	1,719	1,722	1,708	20,419
3/4"	42	42	42	43	43	43	43	43	43	43	42	41	510
1"	111	110	112	117	118	119	122	119	121	122	120	114	1,403
1 1/2"	2	2	2	2	2	2	2	2	2	2	2	2	24
2"	3	3	3	3	3	3	3	3	3	3	3	3	36
3"													-
4"													-
6"													-
8"													-
Total Meters	1,826	1,826	1,827	1,892	1,853	1,868	1,888	1,875	1,892	1,890	1,889	1,868	22,393
Volumetric Rates													
First 400 Cubic Feet	5,759	5,668	5,576	6,018	6,303	6,608	6,876	6,699	6,866	6,712	6,452	5,709	75,245
Next 6,100 Cubic Feet	8,366	6,965	5,565	7,492	11,919	17,717	25,878	19,712	21,544	17,623	10,831	6,531	160,143
Next 43,500 Cubic Feet	221	210		95	1,270	2,069	5,405	3,641	4,729	2,785	925	532	21,882
Next 450,000 Cubic Feet					236		491		60				787
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	14,345	12,843	11,141	13,605	19,728	26,394	38,650	30,052	33,199	27,120	18,208	12,772	258,057

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Residential Class

R-RESIDENTIAL HIST

Billing Determinants - 2009

Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
6/8"	1,706	1,701	1,696	1,707	1,721	1,723	1,730	1,732	1,745	1,738	1,728	1,735	20,658
3/4"	39	39	39	39	41	42	42	42	43	42	42	41	492
1"	111	110	114	114	120	119	118	120	120	119	118	115	1,399
1 1/2"	2	2	2	2	2	2	2	2	2	2	2	2	24
2"	3	3	3	3	2	4	3	3	3	3	2	2	34
3"													-
4"													-
6"													-
8"													-
Total Meters	1,860	1,855	1,853	1,865	1,866	1,890	1,895	1,900	1,914	1,903	1,892	1,895	22,607

Volumetric Rates

First 400 Cubic Feet	5,818	5,622	5,594	5,868	6,239	6,715	6,750	6,696	6,694	6,137	5,994	5,748	73,873
Next 6,100 Cubic Feet	8,577	6,123	5,545	7,446	9,667	16,960	22,667	17,998	15,402	8,014	7,294	7,172	132,885
Next 43,500 Cubic Feet	322	293	123	132	1,414	2,680	4,658	2,510	1,607	299	129	565	14,732
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	14,717	12,038	11,262	13,445	17,320	26,356	34,094	27,204	23,703	14,450	13,417	13,485	221,491

Lookout Mountain
Residential Class

January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
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Meter Size	1,720	1,718	1,716	1,730	1,733	1,734	1,728	1,737	1,741			15,558	20,756
5/8"	42	42	42	43	43	44	42	46	44			388	513
3/4"	111	115	113	114	117	119	118	122	120			1,049	1,403
1"	2	2	2	2	2	2	2	2	2			18	24
1 1/2"	2	2	2	2	2	2	2	2	2			18	25
2"												-	-
3"												-	-
4"												-	-
6"												-	-
8"												-	-
Total Meters	1,877	1,879	1,875	1,890	1,897	1,901	1,892	1,909	1,910	-	-	17,031	22,721

Volumetric Rates

First 400 Cubic Feet	5,714	5,524	5,552	6,227	6,432	6,614	6,830	6,757	6,888			56,538	74,416
Next 6,100 Cubic Feet	7,740	5,944	5,813	9,024	11,736	14,061	22,250	18,825	24,640			120,033	142,513
Next 43,500 Cubic Feet	386	1,155	270	104	970	1,118	4,231	4,007	6,232			18,474	19,467
Next 450,000 Cubic Feet												93	93
Next 1,000,000 Cubic Feet												-	-
All Over 1,500,000 Cubic Feet												-	-
Total Volumetric	13,840	12,680	11,635	15,354	18,138	21,793	33,311	29,626	37,760	-	-	196,137	236,489

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lakeview
Residential Class

Billing Determinants - July 2004

August September October November December January February March April May June July Total

Meter Size	August	September	October	November	December	January	February	March	April	May	June	July	Total
5/8"	2,719	2,779	2,745	2,760	2,756	2,820	2,631	2,842	2,751	2,700	2,746	2,735	32,985
3/4"	1	-	1	1	1	2	1	1	1	-	1	1	11
1"	5	4	1	2	4	4	3	3	4	4	4	4	43
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	2,725	2,783	2,747	2,763	2,761	2,827	2,635	2,846	2,756	2,704	2,751	2,740	33,039

Volumetric Rates	August	September	October	November	December	January	February	March	April	May	June	July	Total
First 400 Cubic Feet	9,216	9,261	8,985	8,951	9,015	9,265	8,564	8,663	9,104	9,114	9,345	9,176	108,657
Next 6,100 Cubic Feet	9,857	9,214	6,803	7,646	6,951	7,727	5,254	6,992	6,600	7,604	9,300	7,951	91,898
Next 43,500 Cubic Feet	462	361	108	127	78	75		287	85	159	194	693	2,628
Next 450,000 Cubic Feet	1,597												1,597
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	21,131	18,835	15,896	16,724	16,043	17,066	13,818	15,942	15,789	16,876	18,839	17,820	204,780

Lakeview Residential Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
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Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	2,820	2,631	2,842	2,751	2,700	2,746	2,735	2,742	2,737	2,731	2,727	2,733	32,896
3/4"	2	1	1	1	-	1	1	1	1	1	1	1	12
1"	4	3	3	4	4	4	4	4	4	4	4	4	46
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	2,827	2,635	2,846	2,756	2,704	2,751	2,740	2,747	2,742	2,736	2,732	2,738	32,954

Volumetric Rates	August	September	October	November	December	January	February	March	April	May	June	July	Total
First 400 Cubic Feet	9,265	8,564	8,663	9,104	9,114	9,345	9,176	9,341	9,150	9,058	8,965	8,563	108,308
Next 6,100 Cubic Feet	7,727	5,254	6,992	6,600	7,604	9,300	7,951	8,836	7,544	6,838	6,616	6,104	87,364
Next 43,500 Cubic Feet	75		287	85	159	194	693	144	152	293		29	2,111
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	17,066	13,818	15,942	15,789	16,876	18,839	17,820	18,321	16,846	16,189	15,581	14,696	197,783

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RESIDENTIAL HIST

LENNESSEE AMERICAN WATER COMPANY - TOWN LOCAL SERVICES													Billing Determinants - 2006				Total																															
Lakeview Residential Class				January	February	March	April	May	June	July	August	September	October	November	December																																	
Meter Size				2,730	2,719	2,739	2,730	2,744	2,744	2,719	2,736	2,737	2,737	2,734	2,735	32,805																																
5/8"				-	2	1	-	2	3	2	2	2	2	1	1	18																																
3/4"				4	4	4	4	4	4	4	4	4	4	4	4	48																																
1"																-																																
1 1/2"																-																																
2"																-																																
3"																-																																
4"																-																																
6"																-																																
8"																-																																
Total Meters				2,734	2,725	2,744	2,734	2,750	2,750	2,725	2,742	2,743	2,743	2,739	2,740	32,870																																
Volumetric Rates																																																
First 400 Cubic Feet				9,179	8,753	8,786	9,111	9,092	9,368	9,196	9,238	9,174	9,155	8,905	8,957	108,914																																
Next 6,100 Cubic Feet				8,428	6,143	6,089	6,668	6,645	8,818	8,165	8,064	8,260	8,399	6,082	6,265	88,005																																
Next 43,500 Cubic Feet				169	20	274	293	210	34	1	19	115	208	40	127	1,510																																
Next 450,000 Cubic Feet																-																																
Next 1,000,000 Cubic Feet																-																																
All Over 1,500,000 Cubic Feet				17,776	14,916	15,129	16,072	15,947	18,220	17,362	17,321	17,548	17,762	15,027	15,349	198,428																																
Total Volumetric																																																
Lakeview Residential Class																																																
Billing Determinants - 2006																																																
January				February				March				April				May				June				July				August				September				October				November				December				Total
Meter Size				2,736	2,761	2,747	2,747	2,763	2,748	2,756	2,751	2,754	2,758	2,750	2,744	33,015																																
5/8"				1	1	1	1	1	1	1	1	1	1	1	12																																	
3/4"				4	4	4	4	4	4	4	4	4	4	4	48																																	
1"															-																																	
1 1/2"															-																																	
2"															-																																	
3"															-																																	
4"															-																																	
6"															-																																	
8"															-																																	
Total Meters				2,741	2,766	2,752	2,752	2,768	2,753	2,761	2,755	2,759	2,763	2,755	2,749	33,075																																
Volumetric Rates																																																
First 400 Cubic Feet				9,172	8,858	8,789	8,859	9,261	9,154	9,344	9,184	9,150	8,902	8,920	9,039	108,632																																
Next 6,100 Cubic Feet				7,338	5,125	5,337	5,630	7,640	7,412	9,522	8,101	7,853	6,579	6,600	7,030	84,165																																
Next 43,500 Cubic Feet				6	43		15	90	218	378	66	203	169		63	1,251																																
Next 450,000 Cubic Feet																-																																
Next 1,000,000 Cubic Feet																-																																
All Over 1,500,000 Cubic Feet				16,514	14,026	14,126	14,504	16,991	16,783	19,244	17,351	17,207	15,650	15,520	16,132	194,049																																
Total Volumetric																																																

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RESIDENTIAL HIST

Lakeview Residential Class	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	2,735	2,720	2,764	2,746	2,796	2,813	2,818	2,840	2,808	2,836	2,832	2,848	33,555
3/4"	1	1	1	-	-	-	-	-	-	-	-	-	3
1"	4	4	4	4	4	4	4	4	4	4	4	4	48
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	2,740	2,725	2,769	2,750	2,800	2,817	2,822	2,844	2,812	2,840	2,836	2,852	33,606
Volumetric Rates													
First 400 Cubic Feet	9,028	8,745	8,812	8,904	9,075	9,449	9,242	9,173	9,274	9,255	8,981	9,334	109,270
Next 6,100 Cubic Feet	6,884	5,522	5,543	6,062	6,464	9,556	8,355	7,076	8,382	7,764	6,256	7,275	85,138
Next 43,500 Cubic Feet	110	5	-	99	32	31	85	59	101	158	100	34	814
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	16,021	14,271	14,355	15,065	15,571	19,035	17,682	16,308	17,757	17,177	15,337	16,643	195,222
Lakeview Residential Class						Billing Determinants - 2008							Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	2,824	2,837	2,792	2,846	2,818	2,810	2,821	2,824	2,816	2,795	2,801	2,821	33,806
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	4	4	4	4	4	4	4	4	4	4	4	4	48
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	2,828	2,841	2,796	2,850	2,822	2,814	2,825	2,828	2,820	2,799	2,805	2,825	33,854
Volumetric Rates													
First 400 Cubic Feet	9,037	8,852	8,882	9,199	8,903	9,262	9,184	9,273	9,182	8,967	8,993	9,127	108,863
Next 6,100 Cubic Feet	6,505	5,522	5,462	6,595	5,636	7,870	8,363	8,299	8,124	6,708	6,470	6,928	82,482
Next 43,500 Cubic Feet	64	66	65	67	10	40	9	0	176	22	216	103	838
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	15,606	14,440	14,409	15,861	14,549	17,172	17,557	17,573	17,482	15,697	15,679	16,156	192,183

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RESIDENTIAL HIST

Lakeview Residential Class	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	2,801	2,815	2,797	2,809	2,804	2,815	2,800	2,794	2,792	2,785	2,774	2,773	33,560
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	4	4	4	4	3	3	3	3	3	4	3	3	41
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	2,805	2,819	2,801	2,813	2,807	2,818	2,803	2,797	2,795	2,789	2,777	2,776	33,502
Volumetric Rates													
First 400 Cubic Feet	9,049	8,908	8,706	8,792	9,192	9,003	9,314	8,947	8,990	8,938	8,920	8,841	107,601
Next 6,100 Cubic Feet	6,502	5,918	5,298	5,039	7,090	6,645	9,640	6,416	6,607	6,512	6,551	5,765	77,981
Next 43,500 Cubic Feet	143	430	38	30	125	6	34	36	-	5	274	51	1,472
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	15,694	15,254	14,043	13,861	16,407	15,654	18,988	15,399	15,597	15,455	15,745	14,657	186,754
Lakeview Residential Class						Billing Determinants - 2010							
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	2,776	2,781	2,757	2,766	2,759	2,771	2,772	2,777	2,759	-	-	-	24,917
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	3	3	3	3	3	3	3	3	3	-	-	-	27
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	2,779	2,784	2,760	2,769	2,762	2,774	2,775	2,780	2,762	-	-	-	24,944
Volumetric Rates													
First 400 Cubic Feet	8,987	8,788	8,535	8,739	9,037	8,872	8,975	9,098	8,893	-	-	-	79,924
Next 6,100 Cubic Feet	6,613	5,695	4,984	5,104	6,777	6,377	7,706	7,923	6,711	-	-	-	57,891
Next 43,500 Cubic Feet	88	52	-	-	-	-	-	42	112	-	-	-	294
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	15,689	14,535	13,519	13,843	15,814	15,249	16,681	17,063	15,715	-	-	-	138,108
													183,965

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
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 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lone Oak
 Residential Class

R-RESIDENTIAL HIST

	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"								200	100	100	99	103	602
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	-	-	-	-	-	-	-	200	100	100	99	103	602
Volumetric Rates													
First 100 Cubic Feet								477	238	230	235	240	1,419
Next 100 Cubic Feet								725	330	256	332	349	1,993
In Excess of 200 Cubic Feet													-
Total Volumetric	-	-	-	-	-	-	-	1,202	568	486	567	589	3,412
Lone Oak Residential Class													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	101	102	115	107	105	105	107	109	109	109	109	109	1,288
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	101	102	115	107	105	105	107	108	109	109	109	109	1,288
Volumetric Rates													
First 100 Cubic Feet	236	241	270	251	241	244	253	255	253	251	242	249	2,985
Next 100 Cubic Feet	263	263	720	373	395	488	443	457	535	542	340	361	5,201
In Excess of 200 Cubic Feet													-
Total Volumetric	499	524	990	624	636	732	696	712	788	793	582	610	8,186

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lone Oak
 Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	110	111	112	110	110	110	110	111	114	115	-	233	1,346
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	110	111	112	110	110	110	110	111	114	115	-	233	1,346
Volumetric Rates													
First 100 Cubic Feet	255	251	253	242	248	259	259	259	262	248	-	503	3,037
Next 100 Cubic Feet	381	305	360	301	333	553	595	464	515	383	-	588	4,781
In Excess of 200 Cubic Feet													
Total Volumetric	636	556	613	543	581	812	855	723	777	631	-	1,091	7,818
Lone Oak Residential Class													
Billing Determinants - 2009													
Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
	117	116	117	133	117	117	118	120	119	119	118	121	1,432
5/8"													-
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	117	116	117	133	117	117	118	120	119	119	118	121	1,432
Volumetric Rates													
First 100 Cubic Feet	263	264	263	304	253	269	276	265	262	256	262	258	3,197
Next 100 Cubic Feet	381	404	274	419	376	406	476	395	316	242	299	294	4,280
In Excess of 200 Cubic Feet													-
Total Volumetric	644	668	537	723	629	675	752	660	578	498	561	552	7,477

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00169
 Lone Oak
 Residential Class

R-RESIDENTIAL HIST

	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Meter Size														
5/8"	118	123	118	118	118	119	119	118	117	-	-	-	1,069	1,427
3/4"													-	-
1"													-	-
1 1/2"													-	-
2"													-	-
3"													-	-
4"													-	-
6"													-	-
8"													-	-
Total Meters	118	123	118	118	118	119	119	118	117	-	-	-	1,069	1,427
Volumetric Rates														
First 100 Cubic Feet	265	275	265	273	271	280	282	281	271	-	-	-	2,464	3,240
Next 100 Cubic Feet	385	342	277	653	419	527	500	527	477	-	-	-	4,106	4,941
In Excess of 200 Cubic Feet										-	-	-	-	-
Total Volumetric	650	617	542	926	690	807	782	808	748	-	-	-	6,570	8,181

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CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Suck Creek
Residential Class

R-RESIDENTIAL HIST

	Billing Determinants - 2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"							54	190	216	194	195	195	1,045
3/4"													
1"								1	1	1	1	1	5
1 1/2"													
2"													
3"													
4"													
6"													
8"													
Total Meters	-	-	-	-	-	-	54	191	217	195	196	196	1,050
Volumetric Rates													
First 100 Cubic Feet							75	353	415	361	365	369	1,919
Next 100 Cubic Feet							119	768	828	645	673	728	3,760
In Excess of 200 Cubic Feet							20	159	221	126	118	91	735
Total Volumetric	-	-	-	-	-	-	214	1,279	1,464	1,132	1,147	1,178	6,414
Suck Creek													
Residential Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	390		391	196	4	387	4	202	401	1	202	200	2,377
3/4"													
1"	2		2	1		1	1	1	2		1	1	12
1 1/2"													
2"													
3"													
4"													
6"													
8"													
Total Meters	392	-	393	197	4	388	5	203	403	1	203	201	2,389
Volumetric Rates													
First 100 Cubic Feet	714		715	356	5	725	10	376	754	1	368	378	4,403
Next 100 Cubic Feet	1,308		1,337	635	14	1,566	49	793	1,567		654	737	8,660
In Excess of 200 Cubic Feet	256		94	59	21	247	92	204	427		50	97	1,547
Total Volumetric	2,278	-	2,146	1,050	41	2,538	151	1,373	2,748	1	1,072	1,212	14,610

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
RESIDENTIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Suck Creek
Residential Class

R-RESIDENTIAL HIST

	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	400	3	398	3	396	199	2	402	204	203	204	205	2,617
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	2	-	2	-	2	1	-	-	1	1	1	1	11
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	402	3	400	3	398	200	2	402	205	204	205	206	2,628
Volumetric Rates													
First 100 Cubic Feet	738	4	735	3	729	372	2	729	368	361	370	370	4,782
Next 100 Cubic Feet	1,243	14	1,249	2	1,261	873	2	1,563	799	640	731	625	9,001
In Excess of 200 Cubic Feet	137	19	153	-	168	209	-	240	119	61	91	150	1,348
Total Volumetric	2,118	38	2,137	5	2,158	1,454	4	2,532	1,286	1,062	1,192	1,145	15,131
Suck Creek Residential Class													
Billing Determinants - 2007													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	204	205	208	209	208	209	209	210	213	213	211	212	2,512
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	205	206	209	210	209	210	210	211	214	214	212	213	2,524
Volumetric Rates													
First 100 Cubic Feet	373	372	381	387	391	395	391	388	387	392	389	396	4,643
Next 100 Cubic Feet	636	680	639	768	783	911	801	823	790	802	640	638	8,912
In Excess of 200 Cubic Feet	75	78	54	123	263	345	190	243	190	141	89	67	1,857
Total Volumetric	1,085	1,130	1,073	1,278	1,437	1,651	1,383	1,454	1,367	1,335	1,118	1,101	15,412

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Suck Creek
 Residential Class

R-RESIDENTIAL HIST

Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	211	212	211	207	209	213	211	211	211	210	2	417	2,523
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	-	2	12
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	212	213	212	208	210	214	212	212	212	211	2	419	2,535
Volumetric Rates													
First 100 Cubic Feet	392	380	390	384	389	396	388	382	385	382	-	756	4,622
Next 100 Cubic Feet	800	619	757	641	651	964	903	792	865	693	-	1,424	9,109
In Excess of 200 Cubic Feet	115	73	78	56	83	287	164	127	151	125	-	311	1,571
Total Volumetric	1,307	1,072	1,225	1,080	1,123	1,647	1,455	1,301	1,401	1,200	-	2,491	15,302
Suck Creek Residential Class													
Billing Determinants - 2009													
Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	208	207	205	232	204	209	205	208	211	209	215	210	2,523
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	209	208	206	234	205	210	206	209	212	210	216	211	2,535
Volumetric Rates													
First 100 Cubic Feet	388	385	371	428	382	394	389	383	388	377	393	384	4,661
Next 100 Cubic Feet	737	752	588	716	683	811	860	816	748	642	696	604	8,653
In Excess of 200 Cubic Feet	152	126	76	100	150	275	293	204	125	60	66	140	1,766
Total Volumetric	1,277	1,263	1,035	1,244	1,215	1,479	1,542	1,403	1,261	1,079	1,155	1,127	15,080

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 RESIDENTIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Suck Creek
 Residential Class

R-RESIDENTIAL HIST

	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Billing Determinants - 2010														
Meter Size														
5/8"	208	213	209	210	212	211	209	213	212	-	-	-	1,896	2,530
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	-	-	-	9	12
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	209	214	210	211	213	212	210	214	213	-	-	-	1,905	2,542
Volumetric Rates														
First 100 Cubic Feet	386	392	386	387	389	395	395	408	399	-	-	-	3,536	4,690
Next 100 Cubic Feet	767	709	661	685	739	887	840	957	804	-	-	-	7,049	8,990
In Excess of 200 Cubic Feet	104	85	64	92	577	222	168	225	204	-	-	-	1,741	2,007
Total Volumetric	1,256	1,166	1,111	1,164	1,706	1,503	1,403	1,590	1,407	-	-	-	12,326	23,396

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-COMM SUMMARY

	TAWC	CAPD	Difference
Chattanooga	\$ 11,294,808 A/	\$ 11,400,646 A/	\$ (105,838)
Lookout Mountain	145,078 A/	184,052 A/	(38,974)
Lakeview	91,862 A/	94,727 A/	(2,865)
Lone Oak	562 A/	944 A/	(383)
Suck Creek	1,486 A/	1,339 A/	147
Total Commercial	\$ 11,533,796	\$ 11,681,708	\$ (147,912)
Corrections and Allowances	416		416
Tolerance Factor	135		135
Total Net Commercial Revenues	\$ 11,534,347 B/	\$ 11,681,708	\$ (147,361)

A/ CAPD Work Papers, R-COMM COMPARATIVE
 B/ TAWC Exhibit No. 4, Schedule 1, Page 1 of 1, Line 6

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 TENNESSEE AMERICAN WATER COMPANY
 TRA DOCKET #10-00189
 COMMERCIAL REVENUE FORECAST COMPARATIVE

R-COMM COMPARATIVE

Meter Charges	Meter Size	Present Rates	Chattanooga				TAWC Over (Under) CAPD Revenue Forecast
			TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	
	5/8"	\$ 10.81	61,845	\$ 668,544	60,621	\$ 655,317	\$ 13,228
	3/4"	18.16	1,621	29,437	1,749	31,758	(2,321)
	1"	30.22	17,718	535,438	17,340	524,016	11,422
	1 1/2"	60.47	4,283	258,993	4,494	271,755	(12,762)
	2"	96.74	12,802	1,236,465	13,053	1,262,771	(24,305)
	3"	181.40	472	85,621	457	82,969	2,652
	4"	302.34	289	87,376	298	90,231	(2,855)
	6"	604.69	144	87,075	159	95,985	(8,910)
	8"	967.50	24	23,220	26	25,435	(2,215)
	Total		99,198	\$ 3,014,171	97,344	\$ 3,040,236	\$ (26,065)
Volumetric Rates							
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
First 400 Cubic Feet	\$ 0.201	264,752	\$ 53,215	256,238	\$ 51,504	\$ 1,711	
Next 6,100 Cubic Feet	3.187	1,214,027	3,869,104	1,182,036	3,767,149	101,955	
Next 43,500 Cubic Feet	2.003	1,574,929	3,154,583	1,620,808	3,246,478	(91,896)	
Next 450,000 Cubic Feet	1.497	794,410	1,189,232	857,500	1,283,677	(94,445)	
Next 1,000,000 Cubic Feet	1.144	12,678	14,504	10,141	11,601	2,902	
All Over 1,500,000 Cubic Feet	0.679	-	-	-	-	-	
Total		3,860,796	\$ 8,280,637	3,926,723	\$ 8,360,410	\$ (79,773)	
Total Commercial			\$ 11,294,808		\$ 11,400,646	\$ (105,838)	

A/ TAWC Exhibit No. 4, Schedule 2, Page 4 of 13, Lines 15 and 24.
 B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE & PROTECTION DIVISION
 COMMERCIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY TRA DOCKET #10-00189

R-COMM COMPARATIVE

Meter Charges				Lookout Mountain				
Meter Size	Present Rates	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
5/8"	\$ 10.81	\$12.14	638	\$ 7,745	621	\$ 7,536	\$ 209	
3/4"	18.16	18.18	24	436	30	551	(114)	
1"	30.22	30.22	240	7,253	220	6,656	597	
1 1/2"	60.47	60.47	36	2,177	37	2,251	(74)	
2"	96.74	96.74	95	9,190	102	9,831	(641)	
3"	181.40	-	-	-	-	-	-	
4"	302.34	-	-	-	-	-	-	
6"	604.69	-	-	-	-	-	-	
8"	967.50	-	-	-	-	-	-	
Total			1,033	\$ 26,802	1,010	\$ 26,825	\$ (23)	
Volumetric Rates								
	Present Rates	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
First 400 Cubic Feet	\$ 0.201	\$0.748	2,816	\$ 2,106	2,711	\$ 2,027	\$ 79	
Next 6,100 Cubic Feet	3.187	4.105	15,576	63,939	16,569	68,017	(4,077)	
Next 43,500 Cubic Feet	2.003	2.921	14,231	41,569	19,330	56,462	(14,893)	
Next 450,000 Cubic Feet	1.497	2.042	5,221	10,661	15,044	30,720	(20,059)	
Next 1,000,000 Cubic Feet	1.144	-	-	-	-	-	-	
All Over 1,500,000 Cubic Feet	0.679	-	-	-	-	-	-	
Total			37,844	\$ 118,276	53,654	\$ 157,227	\$ (38,951)	
Total Commercial				\$ 145,078		\$ 184,052	\$ (38,974)	

A/ TAWC Exhibit A/ TAWC Exhibit No. 4, Schedule 2, Page 4 of 13, Lines 36 and 45.
 B/ CAPD Work P.1B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY TRA DOCKET #10-00189

R-COMM COMPARATIVE

Meter Charges	Meter Size	Present Rates	Present Rates	Lakeview				TAWC Over (Under) CAPD Revenue Forecast
				TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	
	5/8"	\$ 10.81	\$ 12.14	1,641	\$ 19,922	1,639	\$ 19,895	\$ 26
	3/4"	18.16	18.18	-	-	-	-	-
	1"	30.22	30.22	234	7,071	216	6,529	543
	1 1/2"	60.47	60.47	-	-	-	-	-
	2"	96.74	96.74	84	8,126	84	8,126	-
	3"	181.40	-	-	-	-	-	-
	4"	302.34	-	-	-	-	-	-
	6"	604.69	-	-	-	-	-	-
	8"	967.50	-	-	-	-	-	-
	Total			1,959	\$ 35,119	1,939	\$ 34,550	\$ 569
Volumetric Rates								
		Present Rates	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
First 400 Cubic Feet		\$ 0.201	\$ 0.369	5,034	\$ 1,858	4,943	\$ 1,824	\$ 34
Next 6,100 Cubic Feet		3,187	3,512	11,542	40,536	11,976	42,060	(1,524)
Next 43,500 Cubic Feet		2,003	2,328	6,164	14,350	6,827	15,894	(1,544)
Next 450,000 Cubic Feet		1,497	1,664	-	-	240	399	(399)
Next 1,000,000 Cubic Feet		1,144	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet		0.679	-	-	-	-	-	-
Total				22,740	\$ 56,743	23,986	\$ 60,177	\$ (3,434)
Total Commercial					\$ 91,862		\$ 94,727	\$ (2,865)

A/ TAWC Exhibit A/ TAWC Exhibit No. 4, Schedule 2, Page 5 of 13, Lines 15 and 24.
B/ CAPD Work P/B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY TRA DOCKET #10-00189

R-COMM COMPARATIVE

Meter Charges		Lone Oak		TAWC Over (Under) CAPD Revenue Forecast	
Meter Size	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast
5/8"	\$ 32.56	17	\$ 554	29	\$ 944
3/4"	32.56	-	-	-	-
1"	32.56	-	-	-	-
1 1/2"	32.56	-	-	-	-
2"	32.56	-	-	-	-
3"	32.56	-	-	-	-
4"	32.56	-	-	-	-
6"	32.56	-	-	-	-
8"	32.56	-	-	-	-
Total		17	\$ 554	29	\$ 944
Volumetric Rates					
First 100 Cubic Feet	\$ -	11	\$ -	19	\$ -
Over 100 Cubic Feet	4,094	2	8	-	-
First 400 Cubic Feet	-	-	-	-	-
Next 6,100 Cubic Feet	-	-	-	-	-
Next 43,500 Cubic Feet	-	-	-	-	-
Total		13	\$ 8	19	\$ -
Total Commercial			\$ 562		\$ 944
					\$ (383)

A/ TAWC Exhibit No. 4, Schedule 2, Page 5 of 13, Lines 36 and 46
B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE & PROTECTION DIVISION
 COMMERCIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY TRA DOCKET #10-00189

R-COMM COMPARATIVE

Meter Charges				Suck Creek				TAWC Over (Under) CAPD Revenue Forecast			
Meter Size	Present Rates	Present Rates	TAWC Billing A/ Determinates	TAWC Revenue Forecast	CAPD Billing B/ Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast				
5/8"	\$ 32.56	\$23.70	49	\$ 1,161	48	\$ 1,138	\$ 24				
3/4"	32.56	23.70	-	-	-	-	-				
1"	32.56	23.70	-	-	-	-	-				
1 1/2"	32.56	23.70	-	-	-	-	-				
2"	32.56	23.70	-	-	-	-	-				
3"	32.56	23.70	-	-	-	-	-				
4"	32.56	23.70	-	-	-	-	-				
6"	32.56	23.70	-	-	-	-	-				
8"	32.56	23.70	-	-	-	-	-				
Total			49	\$ 1,161	48	\$ 1,138	\$ 24				
Volumetric Rates											
First 100 Cubic Feet	\$ -	\$ -	39	\$ -	27	\$ -	\$ -				
Ocer 100 Cubic Feet	4.094	3.423	58	199	23	78	121				
First 400 Cubic Feet	-	2.567	49	126	48	124	2				
Next 6,100 Cubic Feet	-	-	-	-	-	-	-				
Next 43,500 Cubic Feet	-	-	-	-	-	-	-				
Total			146	\$ 324	98	\$ 202	\$ 123				
Total Commercial				\$ 1,486		\$ 1,339	\$ 146				

A/ TAWC Exhibit A/ TAWC Exhibit No. 4, Schedule 2, Page 5 of 13, Lines 15 and 26.
 B/ CAPD Work P&B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL TREND FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-COMMERCIAL TREND

12/31/2011

	Chattanooga										B/ TAWC
Meter Size	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	A/ 12/31/2011			
5/8"	64,057	63,679	71,353	63,096	62,258	61,639	61,071	60,621	61,845		
3/4"	1,325	1,342	1,490	1,634	1,636	1,611	1,604	1,749	1,621		
1"	15,273	15,667	15,815	16,428	16,656	16,737	16,830	17,340	17,718		
1 1/2"	3,644	3,746	3,646	4,006	4,222	4,286	4,259	4,494	4,283		
2"	11,882	12,161	11,557	12,463	12,681	12,810	12,708	13,053	12,802		
3"	508	489	494	518	496	493	429	457	472		
4"	231	239	214	229	258	288	292	298	285		
6"	116	113	121	128	144	144	150	159	144		
8"	12	12	11	12	19	24	24	26	22		
Total Meters	97,048	97,448	104,701	98,514	98,371	98,033	97,368	98,198	99,198		

Volumetric Rates

First 400 Cubic Feet	280,856	272,171	269,357	273,235	268,660	261,732	258,654	256,238	264,752
Next 6,100 Cubic Feet	1,277,538	1,239,236	1,234,909	1,276,827	1,249,425	1,188,680	1,184,138	1,182,036	1,214,027
Next 43,500 Cubic Feet	1,674,268	1,667,429	1,686,825	1,758,912	1,720,199	1,591,674	1,597,510	1,620,808	1,574,929
Next 450,000 Cubic Feet	830,773	827,329	805,135	880,755	907,928	804,550	843,789	857,500	794,410
Next 1,000,000 Cubic Feet	91,192	129,573	75,468	55,543	18,670	7,780	10,141	10,141	12,678
All Over 1,500,000 Cubic Feet	(71,734)	75,700	46,861	-	-	-	-	-	-
Total Volumetric	4,082,893	4,211,438	4,118,555	4,245,272	4,164,881	3,854,415	3,894,232	3,926,723	3,860,796

A/ CAPD Work Papers R-COMMERCIAL HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 4 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL TREND FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-COMMERCIAL TREND

12/31/2011										
Lookout Mountain										
	A/	A/	A/	A/	A/	A/	A/	A/	A/	B/ TAWC
Meter Size	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011		
5/8"	700	724	786	692	677	646	624	621	638	638
3/4"	6	20	24	24	24	24	24	30	24	24
1"	242	231	229	234	227	229	221	220	240	240
1 1/2"	36	36	33	36	36	36	38	37	36	36
2"	82	87	78	95	98	95	96	102	95	95
3"		1					-	-		
4"							-	-		
6"							-	-		
8"							-	-		
Total Meters	1,066	1,099	1,130	1,081	1,062	1,030	1,003	1,010	1,033	

Volumetric Rates

First 400 Cubic Feet	3,140	3,234	3,149	3,166	3,018	2,771	2,760	2,711	2,816	
Next 6,100 Cubic Feet	15,588	16,536	16,536	19,429	17,741	15,405	15,587	16,569	15,576	
Next 43,500 Cubic Feet	10,251	11,073	15,542	20,702	18,368	13,917	16,577	19,330	14,231	
Next 450,000 Cubic Feet	37	99	7,381	15,955	11,920	5,221	11,996	15,044	5,221	
Next 1,000,000 Cubic Feet	-	-	-	2,351	805	-	-	-	-	
All Over 1,500,000 Cubic Feet	29,016	30,942	42,608	61,603	51,853	37,313	46,920	53,654	37,844	
Total Volumetric										

A/ CAPD Work Papers R-COMMERCIAL HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 4 of 13, Lines 36 and 45

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE & PROTECTION DIVISION
 COMMERCIAL TREND FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-COMMERCIAL TREND

	12/31/2011										
	Lakeview										
Meter Size	A/	A/	A/	A/	A/	A/	A/	A/	A/	B/	
	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011	TAWC		
5/8"	1,957	1,833	1,839	1,707	1,676	1,231	1,639	1,639	1,641		
3/4"	-	-	-	-	-	-	-	-	-		
1"	218	216	228	229	222	162	216	216	234		
1 1/2"	-	-	-	-	-	-	-	-	-		
2"	106	96	88	92	84	63	84	84	84		
3"	-	-	-	-	-	-	-	0	-		
4"	-	-	-	-	-	-	-	0	-		
6"	-	-	-	-	-	-	-	0	-		
8"	-	-	-	-	-	-	-	0	-		
Total Meters	2,281	2,145	2,155	2,028	1,982	1,456	1,939	1,939	1,959		

Volumetric Rates

First 400 Cubic Feet	6,207	5,650	5,455	5,350	5,216	3,733	4,943	4,943	5,034		
Next 6,100 Cubic Feet	17,322	16,414	15,068	13,817	12,385	8,446	11,976	11,976	11,542		
Next 43,500 Cubic Feet	10,616	7,296	7,917	7,954	6,661	5,021	6,827	6,827	6,164		
Next 450,000 Cubic Feet	134	84	228	167	157	-	240	240	-		
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-		
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-		
Total Volumetric	34,279	29,444	28,668	27,288	24,419	17,200	23,986	23,986	22,740		

A/ CAPD Work Papers R-COMMERCIAL HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 5 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL TREND FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10

189

BILLING DETERMINANTS TREND ANALYSIS

R-COMMERCIAL TREND

	12/31/2011	Lone Oak							B/
		A/	A/	A/	A/	A/	A/	TAWC	
	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011	
Meter Size	-	-	12	22	23	14	29	29	17
5/8"									
3/4"									
1"									
1 1/2"									
2"									
3"									
4"									
6"									
Total Meters	-	-	12	22	23	14	29	29	17
Volumetric Rates									
First 100 Cubic Feet	-	-	25	18	33	9	16	16	11
Next 100 Cubic Feet	-	-	60	28	1	-	2	2	2
In Excess of 200 Cubic Feet									
Total Volumetric	-	-	85	46	34	9	18	18	13
A/ CAPD Work Papers R-COMMERCIAL HIST									
B/ TAWC Exhibit No. 4, Schedule 2, Page 5 of 13, Lines 36 and 46									

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE & PROTECTION DIVISION
 COMMERCIAL TREND FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-COMMERCIAL TREND

	12/31/2011									
	Suck Creek									
Meter Size	A/	A/	A/	A/	A/	A/	A/	A/	A/	B/
	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011	TAWC	
5/8"	16	36	30	44	48	49	48	48	49	
3/4"										
1"										
1 1/2"			9							
2"										
3"										
4"										
6"										
8"										
Total Meters	16	36	39	44	48	49	48	48	49	
Volumetric Rates										
First 100 Cubic Feet	5	23	34	38	33	41	27	27	39	
Next 100 Cubic Feet		44	51	41	16	61	23	23	58	
In Excess of 200 Cubic Feet		2	20				48	48	49	
Total Volumetric	5	69	105	79	49	103	98	98	146	

A/ CAPD Work Papers R-COMMERCIAL HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 6 of 13, Lines 15 and 26

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
COMMERCIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-COMMERCIAL HIST

Chattanooga Commercial Class		Billing Determinants - July 2004												Total
		August	September	October	November	December	January	February	March	April	May	June	July	
Meter Size														
5/8"	5,450	5,418	8,010	5,049	5,655	5,773	5,076	5,630	5,341	5,027	5,610	5,099	5,318	65,137
3/4"	107	103	124	99	121	122	98	119	112	103	120	102	110	1,331
1"	1,220	1,257	1,334	1,180	1,315	1,296	1,203	1,276	1,246	1,229	1,256	1,283	1,302	15,142
1 1/2"	294	300	323	272	320	316	294	307	303	298	315	298	303	3,639
2"	962	987	1,025	888	1,018	999	1,053	991	975	942	1,009	956	956	11,806
3"	37	40	40	39	37	37	37	37	38	43	43	44	44	472
4"	16	17	17	15	16	21	23	17	20	17	19	18	18	217
6"	5	6	10	4	9	8	9	9	10	10	11	9	9	101
8"					0		2	1	1	1	1	1	1	7
Total Meters	8,090	8,127	8,883	7,556	8,490	8,573	7,796	8,387	8,049	7,669	8,445	7,786	7,786	97,851
Volumetric Rates														
First 400 Cubic Feet	22,839	23,403	24,993	21,304	23,583	23,114	20,986	22,938	22,633	21,984	24,555	22,361	22,439	274,893
Next 6,100 Cubic Feet	108,300	109,627	115,668	94,506	103,115	99,330	88,760	99,448	100,367	99,880	114,424	102,998	102,998	1,241,808
Next 43,500 Cubic Feet	151,719	150,423	152,487	116,725	132,286	131,166	115,707	130,659	133,382	129,346	153,938	143,901	143,901	1,641,740
Next 450,000 Cubic Feet	73,821	79,608	70,503	52,927	68,425	76,183	49,334	61,857	62,366	64,257	77,060	78,159	78,159	804,498
Next 1,000,000 Cubic Feet		857				37,416	(5,333)	10,000	10,000	17,052	2,948	10,109	10,109	83,048
All Over 1,500,000 Cubic Feet						37,095	(27,731)	2,662	3,494	190	4,402	4,480	4,480	24,602
Total Volumetric	356,679	363,919	363,671	285,462	317,408	404,305	242,722	327,564	332,242	332,719	377,327	366,373	366,373	4,070,392
Chattanooga Commercial Class		Billing Determinants - 2004												Total
		January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size														
5/8"	5,773	5,078	5,630	5,341	5,027	5,610	5,099	5,348	5,344	5,316	5,173	5,318	64,057	
3/4"	122	98	119	112	103	120	102	110	109	110	108	110	1,325	
1"	1,296	1,203	1,276	1,249	1,229	1,316	1,256	1,283	1,302	1,289	1,277	1,285	15,273	
1 1/2"	316	294	307	303	288	315	298	305	304	303	297	303	3,644	
2"	989	1,053	981	975	942	1,009	956	984	983	988	983	1,008	11,862	
3"	37	37	37	38	43	43	44	44	44	44	49	48	508	
4"	21	23	17	20	17	19	18	18	19	15	23	20	231	
6"	8	9	10	10	10	11	9	9	10	10	9	12	116	
8"		2	1	1	1	1	1	1	1	1	2	1	12	
Total Meters	8,573	7,796	8,387	8,049	7,669	8,445	7,786	8,112	8,116	8,086	7,821	8,106	87,047	
Volumetric Rates														
First 400 Cubic Feet	23,114	20,986	22,938	22,633	21,984	24,555	22,361	23,549	23,427	22,753	22,458	22,439	273,198	
Next 6,100 Cubic Feet	99,330	89,448	99,448	100,367	99,880	114,424	102,998	113,961	112,196	107,356	102,998	99,840	1,246,725	
Next 43,500 Cubic Feet	131,166	130,659	129,346	133,382	129,346	153,938	143,901	147,527	147,527	138,989	130,475	126,763	1,636,371	
Next 450,000 Cubic Feet	76,183	48,334	61,857	62,366	64,257	77,060	78,159	85,253	83,012	62,659	68,365	58,251	826,755	
Next 1,000,000 Cubic Feet	37,416	(5,333)	10,000	10,000	17,052	2,948	10,568	12,467	12,467	10,380	10,380	(81,024)	123,577	
All Over 1,500,000 Cubic Feet	37,095	(27,731)	2,662	3,494	190	4,402	4,480	4,436	3,314	331,757	352,987	(36,313)	(36,313)	
Total Volumetric	404,305	242,722	327,564	332,242	332,719	377,327	366,373	381,945	381,945	331,757	352,987	226,070	4,068,315	

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
COMMERCIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	5,709	5,006	5,534	5,207	5,132	5,578	4,880	5,441	5,312	5,334	5,129	5,417	63,679
3/4"	118	97	116	100	105	116	97	114	112	121	121	125	1,342
1"	1,328	1,237	1,311	1,262	1,283	1,346	1,278	1,328	1,326	1,341	1,296	1,330	15,687
1 1/2"	327	295	319	300	303	319	295	318	315	318	310	328	3,746
2"	1,042	973	1,026	965	995	1,035	963	1,043	1,016	1,042	1,005	1,035	12,161
3"	38	37	33	42	36	39	36	36	49	44	45	50	489
4"	19	18	22	19	20	20	20	20	21	20	21	19	239
6"	10	10	11	8	9	10	6	9	8	10	8	14	113
8"	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Meters	8,592	7,675	8,373	7,924	7,888	8,466	7,577	8,308	8,159	8,231	7,934	8,319	97,447

Volumetric Rates

First 400 Cubic Feet	23,683	20,859	22,464	21,954	22,094	24,260	21,591	23,750	23,373	23,289	22,262	22,590	272,171
Next 6,100 Cubic Feet	102,341	90,999	95,675	97,601	98,239	111,896	104,238	111,713	113,154	109,647	103,861	99,870	1,239,236
Next 43,500 Cubic Feet	137,253	120,926	126,688	129,403	129,807	154,860	145,195	154,786	156,211	147,522	137,377	127,602	1,667,429
Next 450,000 Cubic Feet	69,785	63,950	58,705	64,074	62,148	68,661	83,180	75,546	81,938	70,574	67,784	60,986	827,329
Next 1,000,000 Cubic Feet	10,347	10,086	10,000	10,051	10,000	10,000	10,034	10,737	12,801	14,238	10,635	10,644	129,573
All Over 1,500,000 Cubic Feet	3,346	4,366	2,246	7,445	6,446	5,236	8,226	6,519	7,200	7,859	8,264	8,547	75,700
Total Volumetric	346,756	311,186	315,979	330,527	328,735	374,713	372,465	383,051	394,677	373,129	349,982	330,238	4,211,438

Chattanooga
Commercial Class

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	5,529	4,960	5,765	4,598	5,663	5,238	5,008	5,801	5,036	5,461	5,139	13,153	71,353
3/4"	138	113	138	103	140	121	112	139	119	127	123	117	1,480
1"	1,351	1,274	1,403	1,192	1,372	1,319	1,289	1,455	1,274	1,363	1,280	1,223	15,815
1 1/2"	331	306	341	299	341	332	313	342	317	332	323	70	3,646
2"	1,080	976	1,100	889	1,062	1,011	974	1,101	963	1,075	956	371	11,557
3"	46	41	40	40	42	42	46	42	41	39	41	33	494
4"	21	19	22	16	23	19	17	20	17	19	17	4	214
6"	12	10	11	8	12	10	9	12	8	11	9	9	121
8"	1	1	1	1	1	1	1	1	1	1	1	1	11
Total Meters	8,508	7,700	8,822	7,147	8,656	8,094	7,769	8,912	7,776	8,448	7,889	14,980	104,701

Volumetric Rates

First 400 Cubic Feet	22,532	20,163	23,701	19,542	24,259	22,925	22,222	26,069	22,005	23,654	21,535	21,749	269,357
Next 6,100 Cubic Feet	98,325	86,536	100,909	86,645	107,322	107,887	110,098	124,241	106,373	113,262	97,837	95,473	1,234,909
Next 43,500 Cubic Feet	136,220	115,751	134,143	114,546	138,074	152,222	157,361	178,983	148,442	154,862	126,850	123,373	1,886,825
Next 450,000 Cubic Feet	64,596	54,647	63,244	53,133	69,825	74,512	75,797	81,835	72,632	79,503	57,297	56,115	805,135
Next 1,000,000 Cubic Feet	9,053	8,702	10,136	118	20,335	10,183	2,327	2,325	1,832	4,342	3,021	3,094	75,468
All Over 1,500,000 Cubic Feet	330,726	285,799	340,921	273,984	385,887	379,728	367,805	412,453	351,285	375,623	306,540	307,805	4,118,556
Total Volumetric	330,726	285,799	340,921	273,984	385,887	379,728	367,805	412,453	351,285	375,623	306,540	307,805	4,118,556

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
COMMERCIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chatanooga
Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	5,695	4,934	5,448	4,957	5,500	5,202	5,249	5,945	4,531	5,923	4,918	4,794	63,096
3/4"	151	121	141	122	143	133	138	145	127	149	133	131	1,634
1"	1,451	1,251	1,400	1,272	1,422	1,376	1,401	1,474	1,257	1,487	1,332	1,304	16,428
1 1/2"	351	315	342	316	343	328	333	351	315	355	324	333	4,006
2"	1,115	981	1,058	988	1,065	1,031	1,035	1,089	985	1,096	1,006	1,015	12,463
3"	35	32	34	37	38	47	52	48	53	50	48	44	518
4"	21	24	18	18	18	17	17	19	19	20	18	21	229
6"	12	9	10	10	10	10	10	10	11	12	12	12	128
8"	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Meters	8,833	7,669	8,452	7,721	8,541	8,144	8,235	9,081	7,298	9,092	7,792	7,656	98,515

Volumetric Rates

First 400 Cubic Feet	23,375	20,108	22,729	21,315	23,894	23,316	23,558	25,551	21,018	25,544	21,837	20,990	273,235
Next 6,100 Cubic Feet	103,948	85,250	98,721	93,533	107,424	115,364	117,005	120,079	112,105	120,007	104,784	98,827	1,276,827
Next 43,500 Cubic Feet	137,661	112,580	130,493	127,411	142,991	165,758	168,549	165,770	167,207	168,408	140,981	130,102	1,758,912
Next 450,000 Cubic Feet	69,359	50,317	59,041	63,118	66,323	84,938	80,743	82,157	94,536	85,322	71,034	79,867	880,755
Next 1,000,000 Cubic Feet	8,074	1,527	5,311	5,042	5,578	5,383	6,248	3,008	4,001	4,915	2,242	4,214	55,543
All Over 1,500,000 Cubic Feet	342,417	269,782	316,295	310,419	346,210	395,759	396,104	396,565	398,867	404,196	340,858	327,800	4,245,271
Total Volumetric													

Chatanooga
Commercial Class

Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	5,889	5,165	4,452	5,624	4,750	5,099	5,334	5,168	4,981	5,858	4,281	5,656	62,258
3/4"	150	137	126	143	129	133	138	134	127	154	115	149	1,656
1"	1,498	1,366	1,245	1,443	1,306	1,373	1,428	1,385	1,353	1,539	1,203	1,517	16,656
1 1/2"	362	342	323	356	338	354	360	349	350	381	328	379	4,222
2"	1,097	1,040	984	1,074	1,023	1,032	1,093	1,046	1,044	1,137	941	1,171	12,681
3"	38	40	36	39	37	39	41	45	43	57	40	41	456
4"	22	20	18	24	17	22	23	21	23	24	22	24	258
6"	12	12	12	12	12	11	13	12	12	12	11	13	144
8"	1	1	1	1	1	1	3	2	2	2	2	2	19
Total Meters	9,069	8,123	7,198	8,717	7,612	8,065	8,432	8,161	7,935	9,164	6,943	8,952	98,371

Volumetric Rates

First 400 Cubic Feet	23,746	21,210	18,971	23,102	20,905	22,696	23,860	22,961	22,502	25,754	19,119	23,833	268,650
Next 6,100 Cubic Feet	101,128	91,768	86,177	99,394	96,188	109,676	119,899	112,630	114,855	122,297	90,463	104,750	1,249,455
Next 43,500 Cubic Feet	133,545	121,203	117,893	136,150	128,807	153,909	180,630	163,062	170,595	162,203	116,105	136,098	1,720,199
Next 450,000 Cubic Feet	71,082	63,001	62,969	70,790	70,720	75,475	96,673	90,333	98,572	77,886	65,155	65,273	907,928
Next 1,000,000 Cubic Feet	4,832	2,233	2,177	1,524	806	184	62	2,895	1,715	2,242			18,670
All Over 1,500,000 Cubic Feet	334,333	299,414	288,186	330,960	317,426	362,140	421,124	391,882	408,239	390,381	290,842	329,954	4,164,861
Total Volumetric													

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
COMMERCIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	5,152	4,895	5,361	4,904	4,875	5,350	5,415	5,154	5,152	5,132	4,659	5,590	61,639
3/4"	134	124	144	124	129	138	144	135	134	134	120	151	1,611
1"	1,385	1,309	1,447	1,344	1,314	1,451	1,478	1,406	1,405	1,403	1,266	1,528	16,737
1 1/2"	360	342	367	348	343	361	376	361	359	354	339	376	4,286
2"	1,067	1,017	1,106	1,039	980	1,150	1,123	1,065	1,066	1,070	960	1,166	12,810
3"	39	41	40	45	42	43	42	40	44	43	40	36	493
4"	23	24	24	24	24	25	24	24	24	24	23	25	288
6"	12	12	12	12	11	13	12	12	12	12	11	13	144
8"	2	2	2	2	2	2	2	2	2	2	2	2	24
Total Meters	8,176	7,766	8,503	7,842	7,719	8,533	8,616	8,199	8,198	8,175	7,421	8,885	98,033

Volumetric Rates

First 400 Cubic Feet	20,801	20,253	21,954	20,637	20,649	23,288	23,940	22,606	22,542	22,244	19,690	23,128	261,732
Next 6,100 Cubic Feet	90,310	89,063	93,995	90,280	89,788	110,019	118,975	110,721	107,621	100,889	86,841	101,158	1,188,680
Next 43,500 Cubic Feet	122,046	121,460	121,146	121,985	116,692	148,930	168,356	155,342	143,879	131,709	111,829	128,299	1,591,674
Next 450,000 Cubic Feet	57,355	69,740	58,393	67,024	57,457	69,677	80,508	73,131	78,122	68,834	60,934	63,374	804,550
Next 1,000,000 Cubic Feet	-	107	-	-	574	1,245	3,223	1,594	973	64	-	-	7,780
All Over 1,500,000 Cubic Feet	290,512	300,623	295,488	299,936	285,161	353,159	395,002	363,394	353,137	323,749	278,294	315,960	3,854,415
Total Volumetric													

Chattanooga
Commercial Class

Meter Size	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		

5/8"	5,098	4,831	5,686	4,718	4,820	5,344	5,076	5,350	4,768	-	-	-	45,690	61,071
3/4"	137	123	152	128	121	144	132	139	125	-	-	-	1,199	1,604
1"	1,394	1,312	1,514	1,341	1,323	1,496	1,412	1,470	1,372	-	-	-	12,633	16,830
1 1/2"	355	339	374	346	343	371	355	361	349	-	-	-	3,191	4,259
2"	1,058	1,013	1,110	1,039	1,015	1,096	1,059	1,077	1,044	-	-	-	9,511	12,708
3"	35	33	31	31	35	36	34	36	39	-	-	-	309	429
4"	24	24	24	24	24	25	25	25	25	-	-	-	220	292
6"	12	12	12	12	14	13	13	13	13	-	-	-	114	150
8"	2	2	2	2	2	2	2	2	2	-	-	-	18	24
Total Meters	8,115	7,688	8,905	7,640	7,696	8,526	8,108	8,473	7,736	-	-	-	72,887	97,344

Volumetric Rates

First 400 Cubic Feet	20,562	19,298	22,538	20,307	20,649	23,070	22,305	23,191	21,674	-	-	-	193,593	258,654
Next 6,100 Cubic Feet	90,337	81,810	94,685	91,892	94,403	109,399	109,880	112,697	111,137	-	-	-	896,240	1,184,136
Next 43,500 Cubic Feet	122,549	109,913	118,874	128,567	125,351	145,068	156,107	158,202	160,041	-	-	-	1,225,672	1,587,510
Next 450,000 Cubic Feet	62,953	56,914	55,517	70,584	67,640	71,891	88,287	83,613	93,258	-	-	-	650,647	843,789
Next 1,000,000 Cubic Feet	434	3,993	576	-	-	-	832	1,168	3,074	-	-	-	10,077	10,141
All Over 1,500,000 Cubic Feet	296,836	271,928	292,190	311,350	308,042	349,418	377,410	379,871	369,184	-	-	-	2,976,229	3,894,232
Total Volumetric														

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
COMMERCIAL BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
5/8"	50	71	67	1	110	58	55	55	54	55	55	56	687
3/4"	1	1	1	-	2	-	-	-	-	-	0	1	6
1"	22	21	23	-	44	20	17	17	22	22	22	22	249
1 1/2"	3	3	3	-	6	3	3	3	3	3	3	3	36
2"	8	8	9	1	14	6	6	6	6	7	7	7	84
3"													-
4"													-
6"													-
8"													-
Total Meters	84	104	103	2	175	86	81	81	83	85	87	89	1,062
Volumetric Rates													
First 400 Cubic Feet	284	331	309	3	478	231	214	233	261	276	281	291	3,191
Next 6,100 Cubic Feet	1,689	1,756	1,727	6	2,107	857	782	897	1,156	1,400	1,607	1,663	15,648
Next 43,500 Cubic Feet	1,214	1,376	1,386		1,824	265	149	250	655	1,079	1,504	1,418	11,120
Next 450,000 Cubic Feet	319	5			175						37		536
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	3,506	3,469	3,422	9	4,583	1,353	1,145	1,380	2,072	2,755	3,429	3,372	30,495
Lookout Mountain Commercial Class													
Meter Size	Billing Determinants - 2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	58	55	55	55	54	55	56	66	62	62	41	81	700
3/4"	-	-	-	-	-	0	1	1	1	1	1	1	6
1"	20	17	17	19	22	22	22	22	22	22	19	18	242
1 1/2"	3	3	3	3	3	3	3	3	3	3	2	4	36
2"	6	6	6	6	6	7	7	7	8	8	7	8	82
3"													-
4"													-
6"													-
8"													-
Total Meters	86	81	81	83	85	87	89	99	96	96	70	112	1,067
Volumetric Rates													
First 400 Cubic Feet	231	214	233	261	276	281	291	303	297	279	197	278	3,140
Next 6,100 Cubic Feet	857	782	897	1,156	1,400	1,607	1,663	1,907	1,762	1,399	908	1,249	15,588
Next 43,500 Cubic Feet	265	149	250	655	1,079	1,504	1,418	1,795	1,303	797	596	440	10,251
Next 450,000 Cubic Feet						37							37
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	1,353	1,145	1,380	2,072	2,755	3,429	3,372	4,005	3,362	2,475	1,701	1,967	29,016

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 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lookout Mountain
 Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	60	59	58	58	59	65	60	65	60	60	55	65	724
3/4"	1	1	1	1	2	2	2	2	2	2	2	2	20
1"	17	17	17	18	23	20	21	21	21	21	19	16	231
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	36
2"	9	8	8	8	7	5	6	9	7	7	6	7	87
3"					1								1
4"													-
6"													-
8"													-
Total Meters	90	88	87	88	96	95	92	100	93	93	85	93	1,099
Volumetric Rates													
First 400 Cubic Feet	222	219	225	253	296	319	289	308	313	287	262	241	3,234
Next 6,100 Cubic Feet	951	795	920	1,136	1,641	1,803	1,664	1,699	1,879	1,569	1,383	1,096	16,536
Next 43,500 Cubic Feet	305	202	360	602	1,200	1,372	1,257	1,677	1,529	1,029	1,053	487	11,073
Next 450,000 Cubic Feet							57	42					99
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	1,478	1,216	1,505	1,991	3,137	3,494	3,267	3,726	3,721	2,885	2,697	1,824	30,941
Total Volumetric													-

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	56	58	59	59	59	60	60	60	59	59	58	120	766
3/4"	2	2	2	2	2	2	2	2	2	2	2	2	24
1"	16	16	16	19	21	21	21	21	21	22	18	16	229
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	33
2"	8	6	6	8	7	7	8	8	8	8	8	8	78
3"													-
4"													-
6"													-
8"													-
Total Meters	83	85	86	89	92	93	94	94	93	94	90	138	1,130
Volumetric Rates													
First 400 Cubic Feet	202	206	214	258	277	304	312	303	309	286	259	219	3,149
Next 6,100 Cubic Feet	825	809	912	1,082	1,172	1,670	2,139	2,021	1,879	1,707	1,283	1,037	16,536
Next 43,500 Cubic Feet	397	462	515	645	1,156	1,863	2,577	2,530	2,385	1,732	622	639	15,542
Next 450,000 Cubic Feet						287	2,611	3,663	814	6			7,381
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	1,424	1,477	1,641	1,985	2,605	4,144	7,639	8,517	5,387	3,730	2,164	1,895	42,608
Total Volumetric													-

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Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	58	57	56	56	64	56	60	58	58	57	56	54	692
3/4"	2	2	2	2	2	1	3	2	2	2	2	2	24
1"	16	16	18	17	22	22	22	22	22	22	20	17	234
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	36
2"	6	6	6	7	9	9	9	9	9	9	8	7	95
3"													-
4"													-
6"													-
8"													-
Total Meters	86	84	83	85	100	91	97	94	94	93	89	84	1,081
Volumetric Rates													
First 400 Cubic Feet	209	206	220	244	279	304	313	317	307	291	255	220	3,166
Next 6,100 Cubic Feet	923	791	915	1,295	1,890	2,284	2,215	2,238	2,247	2,085	1,463	1,083	19,429
Next 43,500 Cubic Feet	388	188	285	1,072	1,710	3,045	3,067	3,184	3,216	2,853	1,206	488	20,702
Next 450,000 Cubic Feet				422	1,584	4,852	2,057	2,390	3,403	905	342		15,955
Next 1,000,000 Cubic Feet						2,351							2,351
All Over 1,500,000 Cubic Feet	1,520	1,185	1,420	3,033	5,463	12,836	7,652	8,129	9,173	6,134	3,266	1,791	61,602
Total Volumetric													-
Lookout Mountain Commercial Class													
Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	56	55	56	56	56	55	55	55	56	56	67	54	677
3/4"	2	2	2	2	2	2	2	2	2	2	2	2	24
1"	17	17	17	17	18	22	22	21	21	21	18	16	227
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	36
2"	7	7	7	7	8	9	9	9	9	9	9	7	98
3"													-
4"													-
6"													-
8"													-
Total Meters	85	84	85	86	88	91	91	89	92	91	99	82	1,062
Volumetric Rates													
First 400 Cubic Feet	201	217	214	240	254	299	300	270	283	273	282	188	3,018
Next 6,100 Cubic Feet	925	917	861	1,184	1,322	1,882	2,423	1,995	2,254	1,921	1,191	867	17,741
Next 43,500 Cubic Feet	355	434	401	799	1,188	2,262	3,357	2,619	3,386	2,290	744	513	18,368
Next 450,000 Cubic Feet						2,184	5,203	2,869	668	996			11,920
Next 1,000,000 Cubic Feet							805						805
All Over 1,500,000 Cubic Feet	1,481	1,568	1,473	2,224	2,764	6,647	12,088	7,753	6,590	5,480	2,217	1,568	51,853
Total Volumetric													-

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Lookout Mountain
Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	53	53	52	53	54	54	56	56	56	55	53	51	646
3/4"	2	2	2	2	2	2	2	2	2	2	2	2	24
1"	16	16	15	16	20	21	20	21	21	21	18	16	229
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	36
2"	7	7	7	7	7	7	9	9	9	9	9	8	95
3"													
4"													
6"													
8"													
Total Meters	81	81	79	81	93	88	90	91	91	90	85	80	1,030
Volumetric Rates													
First 400 Cubic Feet	171	187	186	201	236	280	291	287	287	238	211	196	2,771
Next 6,100 Cubic Feet	836	765	967	1,079	1,130	1,820	2,192	1,928	1,819	884	988	996	15,405
Next 43,500 Cubic Feet	497	240	364	683	850	1,817	3,313	2,424	1,794	482	740	713	13,917
Next 450,000 Cubic Feet						104	3,828	502	776	-	11		5,221
Next 1,000,000 Cubic Feet													
All Over 1,500,000 Cubic Feet	1,504	1,192	1,517	1,963	2,216	4,021	9,624	5,141	4,676	1,804	1,950	1,905	37,313
Total Volumetric													

Meter Size	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
5/8"	50	50	50	49	51	53	54	54	54	-	-	-	465	624
3/4"	2	2	2	2	2	2	2	2	2	-	-	-	18	24
1"	16	16	16	16	20	22	19	22	20	-	-	-	167	221
1 1/2"	3	3	3	3	3	3	3	4	4	-	-	-	29	38
2"	7	7	7	7	7	8	9	9	9	-	-	-	70	96
3"														
4"														
6"														
8"														
Total Meters	78	78	78	77	83	87	87	91	88	-	-	-	748	1,003
Volumetric Rates														
First 400 Cubic Feet	183	171	195	212	242	256	276	293	288	-	-	-	2,116	2,760
Next 6,100 Cubic Feet	856	671	885	1,145	1,333	1,636	1,891	2,153	2,149	-	-	-	12,718	15,587
Next 43,500 Cubic Feet	544	255	647	1,003	1,067	2,486	2,914	3,002	2,724	-	-	-	14,642	16,577
Next 450,000 Cubic Feet						759	3,926	2,345	4,955	-	-	-	11,985	11,996
Next 1,000,000 Cubic Feet														
All Over 1,500,000 Cubic Feet	1,583	1,097	1,727	2,360	2,641	5,137	9,007	7,793	10,116	-	-	-	41,461	46,920
Total Volumetric														

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 Lakeview
 Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
5/8"	166	164	166	165	166	167	154	174	167	163	165	164	1,982
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	18	18	18	18	17	19	17	19	18	18	18	18	217
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	9	9	9	9	9	9	9	9	9	9	9	9	108
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	193	191	193	192	192	195	180	202	194	190	193	191	2,306
Volumetric Rates													
First 400 Cubic Feet	547	549	537	545	536	566	493	528	531	521	517	521	6,391
Next 6,100 Cubic Feet	1,759	1,562	1,298	1,448	1,422	1,734	1,300	1,502	1,516	1,408	1,509	1,396	17,864
Next 43,500 Cubic Feet	2,043	1,180	669	660	600	616	493	561	827	1,119	1,357	1,513	11,637
Next 450,000 Cubic Feet	1,832	-	-	-	-	-	-	-	-	-	62	47	1,941
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	6,181	3,291	2,504	2,653	2,558	2,916	2,286	2,591	2,874	3,048	3,445	3,476	37,823
Lakeview													
Commercial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	167	154	174	167	163	165	164	164	161	158	159	160	1,957
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	19	17	19	18	18	18	18	18	18	18	18	18	218
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	9	9	9	9	9	9	9	9	9	9	8	8	106
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	195	180	202	194	190	193	191	191	188	185	185	186	2,281
Volumetric Rates													
First 400 Cubic Feet	566	493	528	531	521	517	521	541	505	501	494	489	6,207
Next 6,100 Cubic Feet	1,734	1,300	1,502	1,516	1,408	1,509	1,396	1,505	1,398	1,427	1,258	1,369	17,322
Next 43,500 Cubic Feet	616	493	561	827	1,119	1,357	1,513	1,428	988	961	405	348	10,616
Next 450,000 Cubic Feet	-	-	-	-	-	62	47	25	-	-	-	-	134
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	2,916	2,286	2,591	2,874	3,048	3,445	3,476	3,499	2,891	2,889	2,157	2,207	34,279

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 Lakeview
 Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	159	157	157	156	153	150	149	152	150	151	148	150	1,833
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	18	18	18	18	18	18	18	18	18	18	18	18	216
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	8	8	8	8	8	8	8	8	8	8	8	8	96
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	185	183	183	182	179	176	175	178	176	177	174	176	2,145
Volumetric Rates													
First 400 Cubic Feet	483	486	485	469	462	471	467	489	478	485	459	447	5,650
Next 6,100 Cubic Feet	1,491	1,283	1,242	1,256	1,312	1,550	1,428	1,525	1,470	1,413	1,312	1,130	16,414
Next 43,500 Cubic Feet	439	461	271	357	633	911	1,070	1,175	654	764	327	234	7,296
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	84	-	-	-	-	84
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	2,413	2,230	1,969	2,082	2,407	2,932	2,965	3,273	2,602	2,662	2,098	1,811	29,444
Lakeview													
Commercial Class													
Billing Determinants - 2006													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size													
5/8"	151	151	149	149	148	147	147	148	149	145	143	211	1,839
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	20	19	19	19	19	19	19	19	19	19	19	18	228
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	8	8	8	8	8	8	8	8	8	8	8	8	88
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	179	178	176	176	175	174	174	175	177	172	170	229	2,155
Volumetric Rates													
First 400 Cubic Feet	480	442	459	449	447	454	459	454	443	468	452	450	5,455
Next 6,100 Cubic Feet	1,307	1,091	1,106	1,213	1,301	1,214	1,352	1,325	1,306	1,291	1,197	1,364	15,068
Next 43,500 Cubic Feet	418	305	190	442	509	866	979	1,179	865	786	403	976	7,917
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	8	-	-	-	220	228
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	2,204	1,838	1,755	2,104	2,257	2,534	2,790	2,966	2,614	2,545	2,052	3,009	28,668

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 Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	143	143	143	145	143	143	143	143	141	143	139	138	1,707
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	19	19	19	19	20	19	19	19	19	19	19	19	229
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	8	8	8	8	8	8	8	8	7	7	7	7	92
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	170	170	170	172	172	170	170	170	167	169	165	164	2,029
Volumetric Rates													
First 400 Cubic Feet	432	437	429	436	446	451	442	449	455	456	444	472	5,350
Next 6,100 Cubic Feet	1,132	1,203	1,158	1,043	1,158	1,294	1,153	1,151	1,192	1,163	1,008	1,162	13,817
Next 43,500 Cubic Feet	222	720	398	356	431	1,193	916	1,101	1,222	753	288	353	7,954
Next 450,000 Cubic Feet	-	-	-	-	-	-	87	70	-	-	-	-	167
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	1,786	2,360	1,985	1,835	2,035	2,938	2,608	2,774	2,869	2,373	1,741	1,987	27,288
Lakeview													
Commercial Class													
Billing Determinants - 2008													
January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size													
5/8"	140	135	138	141	138	141	142	142	143	139	140	138	1,676
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	19	18	19	19	19	19	18	18	18	18	18	18	222
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	7	7	7	7	7	7	7	7	7	7	7	7	84
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	166	161	164	167	164	167	167	167	168	164	165	163	1,982
Volumetric Rates													
First 400 Cubic Feet	438	444	431	453	418	442	410	447	435	423	443	432	5,216
Next 6,100 Cubic Feet	990	944	1,084	1,057	1,048	1,035	980	1,031	1,070	1,182	1,016	948	12,385
Next 43,500 Cubic Feet	277	286	326	373	482	851	1,027	1,101	864	561	219	294	6,561
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	157	-	-	-	-	157
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	1,705	1,674	1,841	1,883	1,948	2,328	2,417	2,736	2,369	2,166	1,678	1,674	24,419

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lakeview
 Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2009												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
5/8"	138	140	137	136	135	135	136	137	137	137	137	137	1,231	
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	
1"	18	18	18	18	18	18	18	18	18	18	18	18	162	
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	
2"	7	7	7	7	7	7	7	7	7	7	7	7	63	
3"	-	-	-	-	-	-	-	-	-	-	-	-	-	
4"	-	-	-	-	-	-	-	-	-	-	-	-	-	
6"	-	-	-	-	-	-	-	-	-	-	-	-	-	
8"	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Meters	163	165	162	161	160	160	161	162	162	162	162	162	1,456	
Volumetric Rates														
First 400 Cubic Feet	417	426	416	405	434	389	415	414	407	422	416	403	3,733	
Next 6,100 Cubic Feet	922	898	944	960	985	801	967	1,009	980	998	974	802	8,446	
Next 43,500 Cubic Feet	581	191	100	126	625	668	1,228	919	685	677	273	251	5,021	
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Volumetric	1,920	1,515	1,460	1,491	2,044	1,866	2,610	2,342	1,952	2,097	1,663	1,456	17,200	
Lakeview														
Commercial Class														
Billing Determinants - 2010														
Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
5/8"	136	140	138	137	133	137	133	136	137	-	-	-	1,228	1,639
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	18	18	18	18	18	18	18	18	18	-	-	-	162	216
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	7	7	7	7	7	7	7	7	7	-	-	-	63	84
3"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	181	185	183	182	158	162	158	161	162	-	-	-	1,453	1,939
Volumetric Rates														
First 400 Cubic Feet	416	432	400	423	421	399	396	407	409	-	-	-	3,702	4,943
Next 6,100 Cubic Feet	1,007	1,026	916	848	1,031	1,043	1,080	1,154	1,096	-	-	-	8,202	11,976
Next 43,500 Cubic Feet	333	276	223	157	476	876	962	1,206	1,117	-	-	-	5,626	6,827
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	240	-	-	-	240	240
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	1,756	1,734	1,539	1,428	1,928	2,318	2,438	2,767	2,862	-	-	-	18,770	23,986

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lone Oak
 Commercial Class

R-COMMERCIAL HIST

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"								4	2	2	2	2	12
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	-	-	-	-	-	-	-	4	2	2	2	2	12
Volumetric Rates													
First 100 Cubic Feet								8	5	5	3	4	25
Next 100 Cubic Feet								19	12	10	11	8	60
In Excess of 200 Cubic Feet													-
Total Volumetric	-	-	-	-	-	-	-	27	17	15	14	12	85
Lone Oak Commercial Class													
Billing Determinants - 2007													
Meter Size													
5/8"	2	2	2	2	2	2	2	2	2	2	1	1	22
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	2	2	2	2	2	2	2	2	2	2	1	1	22
Volumetric Rates													
First 100 Cubic Feet	3	3	4		1		2	1	2	1	1	1	18
Next 100 Cubic Feet	10	8	9										28
In Excess of 200 Cubic Feet													-
Total Volumetric	13	11	13	-	1	-	2	1	2	1	1	1	46

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lone Oak
 Commercial Class

R-COMMERCIAL HIST

	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	2	2	2	2	2	2	2	2	2	2	-	3	23
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	2	2	2	2	2	2	2	2	2	2	-	3	23
Volumetric Rates													
First 100 Cubic Feet	4	3	3	3	4	3	5	1	3	3	-	2	33
Next 100 Cubic Feet							1						1
In Excess of 200 Cubic Feet													-
Total Volumetric	4	3	3	3	4	3	6	1	3	3	-	2	34
Lone Oak Commercial Class													
Meter Size													
5/8"	1	1	1	1	1	1	1	1	1	1	2	2	14
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	1	1	1	1	1	1	1	1	1	1	2	2	14
Volumetric Rates													
First 100 Cubic Feet	1	1	1	-	-	1	-	1	1	1	1	1	9
Next 100 Cubic Feet													-
In Excess of 200 Cubic Feet													-
Total Volumetric	1	1	1	-	-	1	-	1	1	1	1	1	9

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lone Oak
 Commercial Class

R-COMMERCIAL HIST

	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Billing Determinants - 2010														
Meter Size														
5/8"	2	2	2	3	3	3	3	3	3	-	-	-	24	29
3/4"													-	-
1"													-	-
1 1/2"													-	-
2"													-	-
3"													-	-
4"													-	-
6"													-	-
8"													-	-
Total Meters	2	2	2	3	3	3	3	3	3	-	-	-	24	29
Volumetric Rates														
First 100 Cubic Feet	3	-	2	2	-	2	2	1	1	-	-	-	13	16
Next 100 Cubic Feet	2	-	2	2	-	2	-	1	1	-	-	-	2	2
In Excess of 200 Cubic Feet													-	-
Total Volumetric	5	-	2	2	-	2	2	1	1	-	-	-	15	18

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Suck Creek
 Commercial Class

R-COMMERCIAL HIST

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Billing Determinants - 2004													
Meter Size													
5/8"								3	3	3	3	3	16
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	-	-	-	-	-	-	-	3	3	3	3	3	16
Volumetric Rates													
First 100 Cubic Feet										1	2	1	5
Next 100 Cubic Feet										1			-
In Excess of 200 Cubic Feet													-
Total Volumetric	-	-	-	-	-	-	-	-	1	1	2	1	5
Suck Creek													
Commercial Class													
Billing Determinants - 2005													
Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	6		6	3		6		3	6		3	3	36
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	6	-	6	3		6		3	6	-	3	3	36
Volumetric Rates													
First 100 Cubic Feet	5		5	2		5		1	3		1	1	23
Next 100 Cubic Feet	10		20	7		7							44
In Excess of 200 Cubic Feet			2										2
Total Volumetric	15	-	27	9	-	12	-	1	3	-	1	1	69

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Suck Creek
 Commercial Class

R-COMMERCIAL.HIST

	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	6		6					6	3	3	3	3	30
3/4"													-
1"													-
1 1/2"					6	3							9
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	6	-	6	-	6	3	-	6	3	3	3	3	39
Volumetric Rates													
First 100 Cubic Feet	7		3		12			2	2	2	4	2	34
Next 100 Cubic Feet	16		11		13					2	5	5	51
In Excess of 200 Cubic Feet	18		1										20
Total Volumetric	41	-	15	-	25	-	-	2	2	4	9	7	105
Suck Creek Commercial Class													
Meter Size													
5/8"	3	3	3	3	4	4	4	4	4	4	4	4	44
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	3	3	3	3	4	4	4	4	4	4	4	4	44
Volumetric Rates													
First 100 Cubic Feet	2	2	2	2	4	5	4	4	4	3	3	3	38
Next 100 Cubic Feet	5	6	4			11	3	10	1			1	41
In Excess of 200 Cubic Feet													-
Total Volumetric	7	8	6	2	4	16	7	14	5	3	3	4	79

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 COMMERCIAL BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Suck Creek
 Commercial Class

R-COMMERCIAL HIST

		Billing Determinants - 2008													
		January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size	5/8"	4	4	4	4	4	4	4	4	4	4	-	-	8	48
	3/4"													-	-
	1"													-	-
	1 1/2"													-	-
	2"													-	-
	3"													-	-
	4"													-	-
	6"													-	-
	8"													-	-
	Total Meters	4	4	4	4	4	4	4	4	4	4	-	-	8	48
Volumetric Rates															
First 100 Cubic Feet		3	4	3	3	4	2	3	1	3	1	-	-	6	33
Next 100 Cubic Feet		1	4	2	1	-	-	-	-	-	-	-	-	8	16
In Excess of 200 Cubic Feet														-	-
Total Volumetric		4	8	5	4	4	2	3	1	3	1	-	-	14	49
Suck Creek Commercial Class															
Meter Size		January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size	5/8"	4	4	4	5	4	4	4	4	4	4	4	4	4	49
	3/4"													-	-
	1"													-	-
	1 1/2"													-	-
	2"													-	-
	3"													-	-
	4"													-	-
	6"													-	-
	8"													-	-
	Total Meters	4	4	4	5	4	4	4	4	4	4	4	4	4	49
Volumetric Rates															
First 100 Cubic Feet		2	4	4	3	4	6	6	2	2	3	3	2	41	
Next 100 Cubic Feet		5	7	4	4	4	20	6	-	-	-	3	9	61	
In Excess of 200 Cubic Feet														-	
Total Volumetric		7	11	8	7	8	26	12	2	2	3	6	11	103	

GENERAL - STATE OF TENNESSEE
 PROTECTION DIVISION
 MINANTS HISTORY
 R COMPANY - TRA DOCKET #10-00189

R-COMMERCIAL HIST

Billing Determinants - 2010											
January	February	March	April	May	June	July	August	September	October	November	December
Total	12 MTD										
4	4	4	4	4	4	4	4	4	-	-	-
36	4	4	4	4	4	4	4	4	-	-	-
4	4	4	4	4	4	4	4	4	-	-	-
36	4	4	4	4	4	4	4	4	-	-	-
3	3	2	-	2	3	1	2	3	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-	-	-	-
62	3	2	-	2	3	1	2	3	-	-	-
78	3	2	-	2	3	1	2	3	-	-	-
98	3	2	-	2	3	1	2	3	-	-	-

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OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 INDUSTRIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-IND SUMMARY

	TAWC	CAPD	Difference
Chattanooga	\$ 3,405,066 A/	\$ 3,520,697 A/	\$ (115,631)
Total Industrial	\$ 3,405,066	\$ 3,520,697	\$ (115,631)
Corrections and Allowances	(3,032)		(3,032)
Tolerance Factor	(70)		(70)
Total Net Industrial Revenues	\$ 3,401,964 B/	\$ 3,520,697	\$ (118,733)

A/ CAPD Work Papers, R-IND COMPARATIVE
 B/ TAWC Exhibit No. 4, Schedule 1, Page 1 of 1, Line 7

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
INDUSTRIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY TRA DOCKET #10-00189

R-IND COMPARATIVE

Meter Charges		Chattanooga					
Meter Size	Present Rates	TAWC		TAWC		CAPD	
		Billing Determinates	A/	Revenue Forecast	Billing Determinates	Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
5/8"	\$ 10.88	268	\$ 2,916		264	\$ 2,872	\$ 44
3/4"	18.28	25	457		24	439	18
1"	30.41	271	8,241		263	8,013	228
1 1/2"	60.85	79	4,807		72	4,381	426
2"	97.35	979	95,306		985	95,932	(626)
3"	182.53	-	-		-	-	-
4"	304.23	203	61,759		204	62,185	(426)
6"	608.47	61	37,117		60	36,711	406
8"	973.63	-	-		-	-	-
Total		1,886	\$ 210,602		1,874	\$ 210,533	\$ 69
Volumetric Rates							
	Present Rates	TAWC		TAWC		CAPD	
		Billing Determinates		Revenue Forecast	Billing Determinates	Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
First 400 Cubic Feet	\$ 0.202	4,987	\$ 1,007		4,927	\$ 995	\$ 12
Next 6,100 Cubic Feet	3.207	48,999	157,140		49,783	159,654	(2,514)
Next 43,500 Cubic Feet	2.015	220,492	444,291		230,927	465,319	(21,027)
Next 450,000 Cubic Feet	1.506	856,123	1,289,321		872,926	1,314,627	(25,306)
Next 1,000,000 Cubic Feet	1.151	691,165	795,531		729,312	839,438	(43,907)
All Over 1,500,000 Cubic Feet	0.684	741,482	507,174		775,046	530,131	(22,958)
Total Industrial		2,563,248	\$ 3,194,464		2,662,922	\$ 3,310,164	\$ (115,700)
			\$ 3,405,066			\$ 3,520,697	\$ (115,631)

A/ TAWC Exhibit No. 4, Schedule 2, Page 7 of 13, Lines 15 and 24.
B/ CAPD Work Paper, R-INDUSTRIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
SUMMARY OF INDUSTRIAL BILLING DETERMINANTS TRENDS
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-INDUSTRIAL TREND

12/31/2011

Chattanooga										
Meter Size	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	A/ 12/31/2011	B/ TAWC	
5/8"	301	276	283	280	270	264	264	264	268	
3/4"	36	34	23	24	24	24	24	24	25	
1"	348	329	304	302	294	306	263	263	271	
1 1/2"	72	83	84	84	84	81	72	72	79	
2"	1,108	1,059	1,013	1,021	988	987	985	985	979	
3"	1	2	-	-	-	-	-	-	-	
4"	299	292	276	267	230	209	204	204	203	
6"	60	59	63	68	84	67	60	60	61	
8"	-	-	-	-	-	-	-	-	-	
Total Meters	2,225	2,134	2,046	2,046	1,975	1,938	1,874	1,874	1,886	

Volumetric Rates

First 400 Cubic Feet	5,838	5,663	5,588	5,400	5,332	5,073	4,927	4,927	4,987	4,987
Next 6,100 Cubic Feet	59,048	56,337	56,123	54,943	54,268	50,073	49,783	49,783	48,999	48,999
Next 43,500 Cubic Feet	260,422	254,468	255,560	250,126	235,631	223,316	230,927	230,927	220,492	220,492
Next 450,000 Cubic Feet	1,012,009	1,000,627	1,021,497	1,036,716	984,772	865,244	872,926	872,926	856,123	856,123
Next 1,000,000 Cubic Feet	794,066	791,350	873,991	907,244	884,704	696,181	729,312	729,312	691,165	691,165
All Over 1,500,000 Cubic Feet	551,378	869,307	1,065,096	976,976	815,058	646,326	775,046	775,046	741,482	741,482
Total Volumetric	2,682,761	2,977,752	3,277,855	3,231,405	2,979,765	2,486,213	2,662,922	2,662,922	2,563,248	2,563,248

A/ CAPD Work Papers R-INDUSTRIAL HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 7 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
INDUSTRIAL BILLING DETERMINANTS
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-INDUSTRIAL HIST

Chattanooga Industrial Class	Billing Determinants - 2004												Total
	August	September	October	November	December	January	February	July	March	April	May	June	July
Meter Size													
5/8"	28	28	29	25	27	37	24	33	23	16	27	21	317
3/4"	3	3	4	1	4	5	2	4	3	1	3	4	36
1"	27	26	31	30	28	37	28	32	27	21	31	27	344
1 1/2"	5	5	6	4	6	9	4	8	6	3	8	4	68
2"	81	89	100	83	97	148	87	102	88	43	95	88	1,103
3"	-	-	-	-	-	-	-	-	-	1	-	-	1
4"	22	32	28	26	24	37	25	28	22	12	25	25	307
6"	5	5	5	5	5	10	5	5	5	5	5	5	60
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	170	188	203	174	192	283	174	212	174	97	195	172	2,235
Volumetric Rates													
First 400 Cubic Feet	486	490	535	440	506	717	440	563	460	276	529	444	5,867
Next 6,100 Cubic Feet	4,975	4,959	5,363	4,261	4,859	7,318	4,378	5,456	4,552	2,495	5,562	4,455	58,833
Next 43,500 Cubic Feet	23,379	22,121	23,127	18,657	22,178	32,885	19,053	23,229	20,916	9,403	24,445	21,176	260,870
Next 450,000 Cubic Feet	96,486	89,167	89,125	83,278	82,377	124,607	80,048	83,276	82,528	38,282	91,746	89,462	1,030,382
Next 1,000,000 Cubic Feet	91,581	81,226	75,972	73,780	57,917	101,308	59,429	64,328	63,537	17,850	72,209	75,894	835,032
All Over 1,500,000 Cubic Feet	55,897	67,335	38,421	42,226	33,434	57,917	39,408	38,043	43,267	7,014	54,968	44,733	522,653
Total Volumetric	272,804	265,298	232,643	222,643	201,371	324,752	202,755	214,896	215,360	75,330	249,459	236,165	2,713,476
Chattanooga													
Industrial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	37	24	33	23	16	27	21	24	24	24	24	24	301
3/4"	5	2	4	3	1	4	2	3	3	3	3	3	36
1"	37	28	32	27	21	31	27	29	29	29	29	30	348
1 1/2"	9	4	8	6	3	8	4	6	6	6	6	6	72
2"	148	87	102	89	43	95	88	91	83	101	87	94	1,108
3"	-	-	-	-	1	-	-	-	-	-	-	-	1
4"	37	25	28	22	12	25	25	25	24	26	25	25	299
6"	10	5	5	5	5	5	5	5	2	8	3	7	60
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	283	174	212	174	97	195	172	183	171	196	177	189	2,225
Volumetric Rates													
First 400 Cubic Feet	717	440	563	460	276	529	444	495	472	489	461	502	5,836
Next 6,100 Cubic Feet	7,318	4,378	5,456	4,552	2,495	5,562	4,455	4,967	4,767	5,176	4,746	5,078	59,048
Next 43,500 Cubic Feet	32,885	19,053	23,229	20,916	9,403	32,445	21,176	22,814	20,114	23,556	20,442	22,389	280,422
Next 450,000 Cubic Feet	124,607	80,048	83,276	73,780	57,917	101,308	59,429	89,462	86,227	95,793	75,153	86,227	1,012,009
Next 1,000,000 Cubic Feet	101,308	81,226	75,972	73,780	57,917	101,308	59,429	72,604	50,153	93,998	52,232	70,523	794,066
All Over 1,500,000 Cubic Feet	57,917	39,408	38,043	43,267	7,014	54,968	44,733	58,684	48,861	67,834	33,288	56,371	551,378
Total Volumetric	324,752	202,755	214,896	215,360	75,330	249,459	236,165	249,460	200,337	286,835	186,322	241,090	2,682,761

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
INDUSTRIAL BILLING DETERMINANTS
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189
Chattanooga
Industrial Class

R-INDUSTRIAL HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	27	20	25	19	22	26	22	23	23	23	23	23	276
3/4"	4	2	4	2	3	3	3	3	3	3	2	2	34
1"	30	27	31	26	27	29	25	27	28	26	26	26	329
1 1/2"	8	5	9	5	7	9	5	7	7	7	7	7	83
2"	94	82	95	82	88	93	82	92	89	84	91	88	1,059
3"	-	-	1	1	-	-	-	-	-	-	-	-	2
4"	24	26	25	25	24	24	24	24	24	25	21	26	292
6"	5	5	5	5	5	5	5	5	5	5	3	7	59
8"	193	165	194	164	176	189	166	181	179	173	174	179	2,133
Total Meters													
Volumetric Rates													
First 400 Cubic Feet	502	431	523	428	458	524	441	480	475	466	464	470	5,663
Next 6,100 Cubic Feet	4,777	4,236	5,235	4,326	4,577	5,071	4,384	4,751	4,812	4,695	4,629	4,843	56,337
Next 43,500 Cubic Feet	21,611	18,522	22,547	18,353	20,948	22,447	20,433	21,885	22,560	21,332	20,924	22,907	254,468
Next 450,000 Cubic Feet	79,417	76,846	83,048	78,745	84,513	87,105	85,439	89,261	86,387	89,486	75,499	82,902	1,000,627
Next 1,000,000 Cubic Feet	57,828	62,021	56,854	62,984	65,316	74,523	71,819	71,257	72,094	70,148	53,457	73,049	791,350
All Over 1,500,000 Cubic Feet	38,680	43,764	35,350	59,488	61,538	79,103	86,836	64,723	87,534	81,608	59,422	171,262	869,307
Total Volumetric	202,815	205,820	203,557	224,324	237,349	268,773	269,352	252,357	275,862	267,715	214,394	355,433	2,977,752

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	26	20	27	20	28	24	21	28	23	25	23	18	283
3/4"	2	2	2	2	2	2	2	2	2	2	2	1	23
1"	28	24	29	23	29	26	24	30	24	26	24	17	304
1 1/2"	9	5	9	5	10	7	5	9	7	7	7	4	84
2"	94	82	96	77	97	88	83	95	85	88	84	42	1,013
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	22	24	24	22	23	23	25	26	24	26	24	13	276
6"	5	5	5	5	5	5	5	5	5	5	5	8	63
8"	187	162	192	154	195	175	165	195	170	179	169	103	2,046
Total Meters													
Volumetric Rates													
First 400 Cubic Feet	506	418	516	399	522	470	426	532	448	468	435	448	5,588
Next 6,100 Cubic Feet	4,876	4,074	5,283	3,988	5,226	4,641	4,293	5,476	4,556	4,780	4,342	4,589	56,123
Next 43,500 Cubic Feet	23,373	18,814	23,462	18,831	22,690	20,890	20,186	24,826	21,319	21,051	19,961	20,157	255,560
Next 450,000 Cubic Feet	81,488	75,854	80,232	74,899	82,209	84,074	88,418	101,012	93,747	89,766	89,151	80,647	1,021,497
Next 1,000,000 Cubic Feet	68,562	58,854	64,214	62,591	65,772	69,046	85,111	84,911	86,705	80,485	78,622	69,118	873,991
All Over 1,500,000 Cubic Feet	76,629	47,620	56,104	55,164	67,846	130,996	118,767	136,927	124,800	110,948	87,885	53,430	1,065,096
Total Volumetric	255,433	205,634	229,811	215,872	244,265	310,117	315,202	353,683	331,575	307,498	280,376	228,389	3,277,855

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
INDUSTRIAL BILLING DETERMINANTS
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Industrial Class

R-INDUSTRIAL HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	27	22	24	22	24	23	23	30	16	30	20	19	280
3/4"	2	2	2	2	2	2	2	3	1	3	2	1	24
1"	27	24	26	24	26	25	25	28	22	28	25	22	302
1 1/2"	7	7	7	7	7	7	7	8	6	8	7	6	84
2"	89	83	86	84	87	84	87	89	80	253	(81)	79	1,021
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	28	22	25	21	25	21	23	24	20	20	19	19	267
6"	5	5	5	5	5	5	5	5	7	7	7	7	88
8"	-	-	-	-	-	-	-	-	-	-	(1)	-	-
Total Meters	185	165	175	165	177	166	172	187	152	349	(1)	153	2,045
Volumetric Rates													
First 400 Cubic Feet	480	434	464	436	463	440	454	503	400	579	350	397	5,400
Next 6,100 Cubic Feet	4,683	4,355	4,510	4,500	4,687	4,458	4,645	4,888	4,365	5,370	4,189	4,291	54,943
Next 43,500 Cubic Feet	22,057	19,779	20,774	20,664	21,976	20,086	21,046	21,600	21,466	20,729	19,980	19,970	250,126
Next 450,000 Cubic Feet	84,700	82,693	88,873	84,318	85,013	83,791	87,969	92,193	94,083	89,323	83,328	80,432	1,036,716
Next 1,000,000 Cubic Feet	71,098	75,296	77,583	68,290	71,992	80,581	80,813	78,455	79,880	75,296	70,877	73,024	907,244
All Over 1,500,000 Cubic Feet	58,191	51,570	58,854	54,730	58,997	112,138	104,913	88,670	111,044	129,235	93,546	54,088	976,976
Total Volumetric	245,309	234,127	251,058	232,898	244,128	301,493	299,839	286,309	311,238	320,533	272,271	232,202	3,231,405

Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	30	23	16	27	19	22	23	22	21	27	16	24	270
3/4"	3	2	1	3	1	2	2	2	2	3	1	2	24
1"	28	25	23	27	22	24	24	24	23	28	19	26	294
1 1/2"	8	7	6	8	6	7	7	7	7	8	8	7	84
2"	88	82	77	86	78	82	83	83	83	87	75	85	988
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	19	19	19	19	19	19	18	20	19	21	16	22	230
6"	7	7	5	9	7	7	7	7	7	7	7	7	84
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	183	165	147	179	151	163	164	165	162	181	140	173	1,975
Volumetric Rates													
First 400 Cubic Feet	493	428	388	491	403	442	448	453	441	509	370	468	5,332
Next 6,100 Cubic Feet	4,758	4,439	4,186	4,908	4,214	4,477	4,562	4,587	4,662	4,962	3,893	4,618	54,288
Next 43,500 Cubic Feet	19,942	19,839	19,389	20,208	18,466	19,543	19,887	20,132	21,016	20,270	18,064	18,895	236,631
Next 450,000 Cubic Feet	79,361	82,076	77,498	84,897	78,824	84,848	86,448	84,081	88,601	80,663	77,056	80,418	984,772
Next 1,000,000 Cubic Feet	62,277	69,994	61,456	84,366	68,235	79,706	77,694	80,791	83,999	69,880	67,890	78,415	884,704
All Over 1,500,000 Cubic Feet	11,341	328,558	(248,176)	118,733	64,719	85,154	87,763	87,518	64,718	67,117	51,847	115,766	815,058
Total Volumetric	178,172	505,334	(85,279)	313,603	234,861	274,170	276,802	257,562	263,438	243,402	219,120	298,580	2,979,765

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
INDUSTRIAL BILLING DETERMINANTS
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Industrial Class

R-INDUSTRIAL HIST

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	22	21	23	21	21	23	23	22	22	22	20	24	264
3/4"	2	2	2	2	2	2	2	2	2	2	2	2	24
1"	24	56	24	21	22	22	23	7	22	23	22	24	306
1 1/2"	7	7	7	7	7	7	7	7	7	6	6	6	81
2"	141	22	94	72	80	84	83	82	82	82	79	85	987
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	19	17	21	17	18	16	16	17	17	17	17	17	209
6"	7	7	7	6	5	5	5	5	5	5	5	5	67
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	222	132	178	146	155	159	159	157	157	156	151	163	1,936
Volumetric Rates													
First 400 Cubic Feet	555	300	486	413	401	422	423	416	425	420	388	425	5,073
Next 6,100 Cubic Feet	4,442	4,040	5,063	3,879	3,923	4,044	3,971	4,118	4,279	4,204	3,928	4,182	50,073
Next 43,500 Cubic Feet	18,073	18,486	23,430	17,623	17,113	17,696	17,633	18,572	19,277	18,739	18,587	18,087	223,316
Next 450,000 Cubic Feet	65,738	77,232	71,525	72,166	67,098	72,031	75,331	73,423	77,551	73,004	71,204	68,921	866,244
Next 1,000,000 Cubic Feet	55,317	65,906	52,790	57,854	52,644	57,549	62,855	57,097	62,936	58,003	60,141	53,188	686,181
All Over 1,500,000 Cubic Feet	(32,027)	47,078	47,221	63,179	56,423	67,985	76,410	78,206	68,773	59,562	62,446	51,070	646,326
Total Volumetric	112,096	213,042	200,514	215,134	187,502	219,727	236,624	231,831	233,242	213,932	216,694	195,873	2,486,213

Meter Size	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
5/8"	22	21	27	18	21	23	22	26	18	-	-	-	198	264
3/4"	2	2	3	1	2	2	2	3	1	-	-	-	18	24
1"	23	21	25	20	20	22	21	23	19	-	-	-	194	263
1 1/2"	6	6	7	5	6	6	6	7	5	-	-	-	54	72
2"	82	81	87	79	81	84	82	86	78	-	-	-	739	985
3"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	17	17	17	17	17	17	17	17	17	-	-	-	153	204
6"	5	5	5	5	5	5	5	5	5	-	-	-	45	60
8"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	157	153	171	145	152	159	155	167	143	-	-	-	1,402	1,874
Volumetric Rates														
First 400 Cubic Feet	404	393	458	375	398	415	410	457	385	-	-	-	3,695	4,927
Next 6,100 Cubic Feet	4,143	4,118	4,209	4,091	4,081	4,155	4,264	4,251	4,156	-	-	-	37,489	49,783
Next 43,500 Cubic Feet	19,147	19,184	18,834	19,873	19,656	19,827	19,584	19,822	19,807	-	-	-	175,514	230,927
Next 450,000 Cubic Feet	68,677	67,945	68,752	71,896	72,528	73,093	76,695	78,058	82,153	-	-	-	659,797	872,926
Next 1,000,000 Cubic Feet	53,508	57,265	58,224	63,550	62,202	62,452	66,558	65,472	66,749	-	-	-	557,980	729,312
All Over 1,500,000 Cubic Feet	52,750	50,760	53,918	69,545	72,280	70,039	74,937	74,744	82,995	-	-	-	601,968	775,046
Total Volumetric	198,629	199,665	204,395	229,331	231,145	229,981	242,428	242,604	256,245	-	-	-	2,036,423	2,662,922

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER PUBLIC AUTHORITY REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-OPA SUMMARY

	TAWC	CAPD	Difference
Chattanooga	\$ 2,503,703 A/	\$ 2,490,602 A/	\$ 13,101
Lookout Mountain	46,805 A/	47,607 A/	(802)
Lakeview	11,317 A/	11,679 A/	(362)
Total Other Public Authority	\$ 2,561,826	\$ 2,549,888	\$ 11,937
Corrections and Allowances	(5,599)		(5,599)
Tolerance Factor	26		26
Total Net Other Public Authority Revenues	\$ 2,556,253 B/	\$ 2,549,888	\$ 6,364

A/ CAPD Work Papers, R-OPA COMPARATIVE
 B/ TAWC Exhibit No. 4, Schedule 1, Page 1 of 1, Line 8

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY REVENUE COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

Chattanooga				R-OPA COMPARATIVE			
Meter Charges							
Meter Size	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
5/8"	\$ 10.88	1,998	\$ 21,738	2,010	\$ 21,873	\$ (134)	
3/4"	18.28	145	2,651	146	2,673	(22)	
1"	30.41	1,537	46,740	1,534	46,659	81	
1 1/2"	60.85	822	50,019	851	51,769	(1,751)	
2"	97.35	3,474	338,194	3,594	349,888	(11,694)	
3"	182.63	81	14,793	94	17,085	(2,292)	
4"	304.23	252	76,666	259	78,674	(2,008)	
6"	608.47	36	21,905	43	26,044	(4,139)	
8"	973.53	-	-	-	-	-	
Total		8,345	\$ 572,706	8,531	\$ 594,664	\$ (21,959)	
Volumetric Rates							
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
First 400 Cubic Feet	\$ 0.202	21,333	\$ 4,309	40,824	\$ 8,247	\$ (3,937)	
Next 6,100 Cubic Feet	3.207	159,646	511,985	182,258	584,500	(72,516)	
Next 43,500 Cubic Feet	2.015	331,280	667,529	333,083	671,162	(3,633)	
Next 450,000 Cubic Feet	1.506	449,116	676,369	371,707	559,780	116,578	
Next 1,000,000 Cubic Feet	1.151	61,517	70,806	62,762	72,239	(1,433)	
All Over 1,500,000 Cubic Feet	0.684	-	-	-	-	-	
Total		1,022,892	\$ 1,930,998	990,633	\$ 1,895,938	\$ 35,060	
Total Other Public Authority			\$ 2,503,703		\$ 2,490,602	\$ 13,101	

A/ TAWC Exhibit No. 4, Schedule 2, Page 9 of 13, Lines 15 and 24.
B/ CAPD Work Paper, R-OPA TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY REVENUE COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-0018

Meter Charges	Meter Size	Lookout Mountain						R-OPA COMPARATIVE	
		Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
	5/8"	\$12.21	158	\$ 1,929	168	\$ 2,048	\$ (119)		
	3/4"	18.28	16	292	21	386	(93)		
	1"	30.41	130	3,953	133	4,036	(83)		
	1 1/2"	60.85	12	730	12	712	18		
	2"	97.35	72	7,009	65	6,341	668		
	3"	-	-	-	-	-	-		
	4"	-	-	-	-	-	-		
	6"	-	-	-	-	-	-		
	8"	-	-	-	-	-	-		
	Total		388	\$ 13,914	398	\$ 13,524	\$ 390		
Volumetric Rates									
	First 400 Cubic Feet	\$0.753	861	\$ 648	1,400	\$ 1,054	\$ (406)		
	Next 6,100 Cubic Feet	4.131	5,226	21,589	5,716	23,612	(2,024)		
	Next 43,500 Cubic Feet	2.939	3,172	9,323	3,204	9,417	(95)		
	Next 450,000 Cubic Feet	2.055	648	1,332	-	-	1,332		
	Next 1,000,000 Cubic Feet	-	-	-	-	-	-		
	All Over 1,500,000 Cubic Feet	-	-	-	-	-	-		
	Total		9,907	\$ 32,891	10,320	\$ 34,083	\$ (1,192)		
	Total Other Public Authority			\$ 46,805		\$ 47,607	\$ (802)		

A/ TAWC Exhibit No. 4, Schedule 2, Page 9 of 13, Lines 36 and 45
B/ CAPD Work Paper, R-OPA TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER PUBLIC AUTHORITY REVENUE COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-0018

R-OPA COMPARATIVE									
		Lakeview				TAWC Over			
		Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	(Under) CAPD Revenue Forecast		
Meter Charges	Meter Size								
	5/8"	\$ 12.21	60	\$ 733	60	\$ 733	\$ -	(0)	
	3/4"	18.28	-	-	-	-	-	-	
	1"	30.41	12	365	12	365	-	(0)	
	1 1/2"	60.85	12	730	12	731	-	(0)	
	2"	97.35	24	2,336	24	2,338	-	(1)	
	3"	-	-	-	-	-	-	-	
	4"	-	-	-	-	-	-	-	
	6"	-	-	-	-	-	-	-	
	8"	-	-	-	-	-	-	-	
	Total		108	\$ 4,164	108	\$ 4,166	\$ -	(2)	
Volumetric Rates									
	Present Rates		TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
First 400 Cubic Feet	\$ 0.372	189	\$ 70	573	\$ 213	\$ (143)			
Next 6,100 Cubic Feet	3,534	1,511	5,340	1,585	5,601	(262)			
Next 43,500 Cubic Feet	2,342	744	1,742	725	1,698	44			
Next 450,000 Cubic Feet	-	-	-	-	-	-			
Next 1,000,000 Cubic Feet	-	-	-	-	-	-			
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-			
Total		2,444	\$ 7,153	2,883	\$ 7,512	\$ (360)			
Total Other Public Authority			\$11,317		\$11,679	\$ (362)			

A/ TAWC Exhibit No. 4, Schedule 2, Page 10 of 13, Lines 15 and 24.
 B/ CAPD Work Paper, R-OPA TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
TREND ANALYSIS

R-OPA TREND

12/31/2011

Meter Size	Chattanooga										B/ TAWC
	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011			
5/8"	A/ 1,994	A/ 1,953	A/ 1,974	A/ 1,989	A/ 1,979	A/ 1,980	A/ 2,032	A/ 2,010			
3/4"	140	132	126	136	145	144	144	146			1,998
1"	1,571	1,548	1,550	1,598	1,544	1,537	1,534	1,534			1,537
1 1/2"	733	771	750	815	812	817	821	851			822
2"	3,186	3,199	3,344	3,416	3,448	3,479	3,478	3,594			3,474
3"	50	47	48	51	73	81	89	94			81
4"	245	250	244	265	258	252	252	259			252
6"	13	12	12	22	29	36	36	43			36
8"	-	1	-	-	-	-	-	-			-
Total Meters	7,932	7,913	8,048	8,292	8,289	8,325	8,387	8,531			8,345

Volumetric Rates

First 400 Cubic Feet	21,193	20,895	21,568	22,342	21,800	21,375	55,025	40,824	21,333
Next 6,100 Cubic Feet	175,587	169,772	170,181	178,726	170,108	160,159	200,153	182,258	159,646
Next 43,500 Cubic Feet	388,662	373,400	336,199	349,772	340,492	328,880	369,459	333,083	331,280
Next 450,000 Cubic Feet	579,590	544,891	525,614	472,587	478,048	451,933	386,386	371,707	449,116
Next 1,000,000 Cubic Feet	51,858	74,105	107,676	76,988	73,537	63,085	50,555	62,762	61,517
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-
Total Volumetric	1,216,890	1,183,063	1,161,238	1,100,415	1,083,984	1,025,432	1,061,579	990,633	1,022,892

A/ CAPD Work Papers R-PUBLIC AUTHORITY HIST
B/ TAWC Exhibit No. 4, Schedule 2, Page 9 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER PUBLIC AUTHORITY BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
 TREND ANALYSIS
 R-OPA TREND

12/31/2011										
Lookout Mountain										
	A/	A/	A/	A/	A/	A/	A/	A/	B/	
Meter Size	12/31/2004	12/31/2005	12/31/2006	12/31/2007	12/31/2008	12/31/2009	9/30/2010	12/31/2011	TAWC	
5/8"	132	137	149	158	144	156	164	168	158	
3/4"	-	-	4	12	11	15	16	21	16	
1"	108	108	127	121	110	127	132	133	130	
1 1/2"	12	12	11	12	11	12	12	12	12	
2"	83	83	75	72	66	72	72	65	72	
3"										
4"										
6"										
8"										
Total Meters	335	340	366	375	343	382	397	398	388	

Volumetric Rates

First 400 Cubic Feet	739	757	835	967	813	845	1,728	1,400	861
Next 6,100 Cubic Feet	4,796	4,974	5,683	6,794	5,095	5,495	5,236	5,716	5,226
Next 43,500 Cubic Feet	2,196	3,834	3,624	5,311	3,371	3,424	2,017	3,204	3,172
Next 450,000 Cubic Feet	-	-	-	-	-	648	-	-	648
Next 1,000,000 Cubic Feet									
All Over 1,500,000 Cubic Feet									
Total Volumetric	7,731	9,565	10,142	13,072	9,279	10,411	8,981	10,320	9,907

A/ CAPD Work Papers R-PUBLIC AUTHORITY HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 9 of 13, Lines 36 and 45

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER PUBLIC AUTHORITY BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
 TREND ANALYSIS
 R-OPA TREND

	12/31/2011									
	Lakeview									
Meter Size	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	A/ 12/31/2011	B/ TAWC	
5/8"	49	48	48	55	55	60	60	60	60	60
3/4"	-	-	-	-	-	-	-	-	-	-
1"	12	12	20	12	11	12	12	12	12	12
1 1/2"	12	12	11	12	11	12	12	12	12	12
2"	24	24	22	24	22	24	24	24	24	24
3"										
4"										
6"										
8"										
Total Meters	97	96	101	103	99	108	108	108	108	108

Volumetric Rates

First 400 Cubic Feet	227	189	171	158	120	196	573	573	189
Next 6,100 Cubic Feet	1,975	1,937	1,647	1,401	1,424	1,528	1,585	1,585	1,511
Next 43,500 Cubic Feet	1,298	1,964	1,214	2,074	1,349	856	725	725	744
Next 450,000 Cubic Feet	-	-	-	1,092	-	-	-	-	-
Next 1,000,000 Cubic Feet									
All Over 1,500,000 Cubic Feet									
Total Volumetric	3,500	4,090	3,032	4,725	2,893	2,580	2,883	2,883	2,444

A/ CAPD Work Papers R-PUBLIC AUTHORITY HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 10 of 13, Lines 15 and 24

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Chattanooga Other Public Authority	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Meter Size													
5/8"	167	173	185	150	179	278	156	183	150	97	171	158	2,047
3/4"	12	12	13	11	12	23	11	13	10	5	12	10	145
1"	126	143	141	120	137	224	124	141	119	68	130	129	1,602
1 1/2"	56	56	60	53	59	99	55	63	56	34	62	58	712
2"	260	258	279	245	271	444	247	284	249	118	271	255	3,183
3"	4	4	4	4	4	7	4	5	4	3	4	4	51
4"	22	20	23	17	20	37	17	23	20	3	23	17	242
6"	1	1	1	1	1	2	1	1	1	1	1	1	13
8"													
Total Meters	650	667	706	601	683	1,114	615	714	609	329	673	633	7,994
Volumetric Rates													
First 400 Cubic Feet	1,744	1,840	1,843	1,618	1,618	2,793	1,580	1,871	1,630	955	1,893	1,754	21,240
Next 6,100 Cubic Feet	14,182	15,451	16,429	13,412	13,412	22,313	12,877	14,828	13,895	7,429	15,954	14,157	174,338
Next 43,500 Cubic Feet	37,113	37,778	40,741	30,218	30,218	48,228	27,480	33,896	32,056	13,330	38,882	31,645	402,534
Next 450,000 Cubic Feet	63,449	60,293	64,104	40,326	40,326	83,318	37,263	53,001	42,865	14,775	63,409	46,376	609,325
Next 1,000,000 Cubic Feet	10,324	9,969	5,695	2,734	2,734	4,200	1,560	2,977	3,107		8,156	7,623	58,079
All Over 1,500,000 Cubic Feet													
Total Volumetric	126,812	125,330	128,912	88,308	88,308	161,852	80,770	106,513	93,373	36,489	128,294	101,555	1,266,516
Chattanooga													
Billing Determinants - 2004													
Other Public Authority	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	278	156	183	150	97	171	158	162	163	160	151	164	1,994
3/4"	23	11	13	10	5	12	10	11	11	11	11	11	140
1"	224	124	141	119	68	130	129	129	131	124	122	130	1,571
1 1/2"	99	55	63	56	34	62	58	60	61	62	61	62	733
2"	444	247	284	249	118	271	255	262	264	253	266	272	3,186
3"	7	4	5	3	3	4	4	4	4	4	4	4	50
4"	37	17	23	20	3	23	17	20	21	20	23	21	245
6"	2	1	1	1	1	1	1	1	1	1	1	1	13
8"													
Total Meters	1,114	615	714	609	329	673	633	649	656	634	639	665	7,931
Volumetric Rates													
First 400 Cubic Feet	2,793	1,580	1,871	1,630	955	1,893	1,754	1,816	1,757	1,733	1,715	1,695	21,193
Next 6,100 Cubic Feet	22,313	12,877	14,828	13,895	7,429	15,954	14,157	15,468	15,377	15,192	14,673	13,465	175,587
Next 43,500 Cubic Feet	49,228	37,490	40,741	30,218	30,218	83,882	36,999	52,763	48,188	45,434	48,505	43,853	386,862
Next 450,000 Cubic Feet	83,318	37,263	53,001	40,326	40,326	63,409	46,376	8,986	5,230	2,428	4,745	2,846	579,590
Next 1,000,000 Cubic Feet	4,200	1,560	2,977	3,107		8,156	7,623						51,858
All Over 1,500,000 Cubic Feet													
Total Volumetric	161,852	80,770	106,513	93,373	36,489	128,294	101,555	90,067	1,216,889				

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189
Chattanooga
Other Public Authority

R-PUBLIC AUTHORITY HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	171	152	168	158	157	168	147	170	160	182	152	169	1,953
3/4"	12	10	11	11	10	12	9	12	11	11	11	11	132
1"	133	123	133	127	126	135	119	136	129	129	125	132	1,548
1 1/2"	66	58	65	66	61	68	61	66	65	65	64	66	771
2"	288	257	271	263	260	275	260	270	273	266	261	265	3,199
3"	3	3	4	4	4	4	3	6	4	4	4	4	47
4"	24	18	24	18	21	24	17	22	21	21	20	20	250
6"	1	1	1	1	1	1	1	1	1	1	1	1	12
8"					1								1
Total Meters	697	622	676	648	642	687	608	683	665	678	638	667	7,912

Volumetric Rates

First 400 Cubic Feet	1,777	1,562	1,707	1,699	1,743	1,882	1,655	1,843	1,789	1,797	1,731	1,710	20,895
Next 6,100 Cubic Feet	13,550	12,599	13,239	13,712	14,413	15,637	13,204	15,017	15,586	14,983	14,655	13,168	169,772
Next 43,500 Cubic Feet	29,836	28,408	27,267	28,847	30,928	35,386	28,769	36,536	38,458	34,366	30,093	26,093	373,400
Next 450,000 Cubic Feet	55,330	33,451	45,626	34,547	40,922	64,876	38,215	56,522	56,188	43,380	40,648	35,188	544,891
Next 1,000,000 Cubic Feet	5,727	1,124	4,052	1,512	4,631	10,246	6,382	6,658	9,460	11,545	6,071	6,698	74,105
All Over 1,500,000 Cubic Feet													
Total Volumetric	106,219	75,144	91,891	80,317	92,637	129,025	88,225	116,575	121,491	106,070	93,613	82,858	1,183,064

Chattanooga
Other Public Authority

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	167	150	176	141	179	166	160	181	162	174	162	156	1,974
3/4"	12	10	12	8	11	10	9	12	9	12	10	11	126
1"	133	122	141	112	138	129	125	142	125	143	127	114	1,550
1 1/2"	68	62	68	61	70	66	63	70	67	67	67	20	750
2"	284	253	275	248	282	274	260	265	272	278	277	357	3,344
3"	4	3	4	4	3	5	4	4	4	4	4	4	48
4"	25	20	25	17	24	21	16	27	20	22	19	8	244
6"	1	1	1	1	1	1	1	1	1	1	1	1	12
8"													
Total Meters	694	621	702	592	708	673	639	722	661	701	666	670	8,049

Volumetric Rates

First 400 Cubic Feet	1,708	1,532	1,764	1,564	1,924	1,874	1,777	2,055	1,876	1,954	1,793	1,746	21,568
Next 6,100 Cubic Feet	13,063	11,655	13,333	12,274	15,420	14,712	13,983	16,078	15,854	15,770	14,340	13,700	170,181
Next 43,500 Cubic Feet	25,335	19,593	24,718	22,983	28,849	29,742	31,668	37,353	33,899	30,751	26,773	24,535	336,199
Next 450,000 Cubic Feet	47,943	21,850	44,330	26,534	44,255	44,255	45,639	69,116	52,305	44,130	42,110	36,928	525,614
Next 1,000,000 Cubic Feet	8,031	506	10,771	2,509	12,562	10,129	5,065	17,780	13,307	10,701	11,010	5,305	107,676
All Over 1,500,000 Cubic Feet													
Total Volumetric	96,080	55,136	94,916	65,865	109,330	100,713	98,132	142,381	117,240	103,306	96,025	82,114	1,161,238

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189
Chattanooga
Other Public Authority

Billing Determinants - 2007
January February March April May June July August September October November December Total

R-PUBLIC AUTHORITY HIST

Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	176	160	166	161	166	172	166	184	144	185	154	155	1,989
3/4"	12	11	11	11	11	11	11	12	10	13	12	11	136
1"	136	128	132	128	133	133	133	147	120	146	132	130	1,598
1 1/2"	69	66	70	66	70	66	69	72	64	73	65	65	815
2"	290	270	289	278	295	280	291	297	278	293	277	279	3,416
3"	5	3	5	3	5	4	4	4	4	4	4	4	51
4"	22	22	22	22	22	22	22	22	22	22	22	22	285
6"	1	1	2	2	2	2	2	2	2	2	2	2	22
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	712	662	697	672	704	690	698	740	643	737	667	670	8,293
Volumetric Rates													

First 400 Cubic Feet	1,734	1,621	1,766	1,830	1,948	1,906	1,961	2,061	1,810	2,084	1,847	1,772	22,342
Next 6,100 Cubic Feet	12,627	12,521	13,780	13,972	15,664	15,641	15,629	15,887	16,227	17,113	15,411	14,253	178,726
Next 43,500 Cubic Feet	22,892	22,143	24,808	25,470	28,568	31,272	33,187	31,107	37,690	35,102	30,571	26,951	349,772
Next 450,000 Cubic Feet	36,112	34,294	37,189	35,409	37,298	45,519	44,522	39,927	47,586	42,694	35,451	36,556	472,567
Next 1,000,000 Cubic Feet	3,704	3,235	4,483	6,993	5,594	7,552	8,335	8,458	10,762	8,610	4,382	4,880	76,988
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	77,060	73,804	82,026	83,675	89,033	101,891	103,634	97,440	114,075	105,603	87,662	84,512	1,100,415

Chattanooga
Other Public Authority

	January	February	March	April	May	June	July	August	September	October	November	December	Total
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Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	187	165	143	177	154	161	170	164	163	179	144	173	1,979
3/4"	13	12	11	13	11	12	12	12	12	13	10	13	145
1"	146	128	114	134	122	125	131	128	125	137	114	138	1,544
1 1/2"	72	67	63	69	65	69	68	67	67	72	64	70	812
2"	296	282	275	289	281	289	290	286	281	305	272	302	3,448
3"	6	6	8	6	6	6	6	5	6	7	6	7	73
4"	23	22	21	22	21	21	22	21	21	21	20	22	258
6"	2	2	2	2	2	3	3	3	3	3	3	3	29
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	745	683	635	713	662	687	703	686	678	737	632	728	8,289
Volumetric Rates													

First 400 Cubic Feet	1,797	1,639	1,539	1,782	1,770	1,896	1,994	1,902	1,896	2,060	1,736	1,800	21,800
Next 6,100 Cubic Feet	13,341	12,389	12,238	13,532	14,132	15,009	15,226	14,724	15,786	16,941	13,735	13,145	170,108
Next 43,500 Cubic Feet	24,352	22,945	23,130	26,301	27,064	30,324	34,420	33,162	36,720	34,432	24,849	22,772	340,482
Next 450,000 Cubic Feet	31,257	29,055	30,029	32,557	30,902	52,887	55,015	49,887	51,950	45,890	34,362	34,157	478,048
Next 1,000,000 Cubic Feet	5,565	4,689	5,549	5,183	4,688	7,787	8,858	8,278	8,796	5,663	3,944	4,407	73,537
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	76,312	70,736	72,485	79,355	78,586	107,914	115,503	108,153	115,148	104,886	78,625	76,281	1,083,984

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Chattanooga
Other Public Authority

January February March April May June July August September October November December Total

Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	166	159	167	161	157	171	168	165	166	166	157	176	1,980
3/4"	12	12	12	12	11	13	12	12	12	12	11	13	144
1"	129	126	130	127	121	136	132	128	127	127	118	136	1,537
1 1/2"	68	66	69	67	65	68	70	68	68	69	67	71	817
2"	294	278	301	288	281	292	302	288	287	290	276	301	3,479
3"	6	5	7	6	7	7	9	8	8	6	5	7	81
4"	21	21	21	21	20	22	21	21	21	21	20	22	252
6"	3	3	3	3	3	3	3	3	3	3	3	3	36
8"													
Total Meters	700	671	710	685	665	712	717	693	693	694	657	729	8,325

Volumetric Rates

First 400 Cubic Feet	1,607	1,593	1,717	1,726	1,745	1,915	1,978	1,886	1,883	1,859	1,716	1,751	21,375
Next 6,100 Cubic Feet	11,413	11,908	12,551	12,647	13,253	14,223	15,215	14,447	15,193	14,072	12,408	12,830	160,159
Next 43,500 Cubic Feet	20,887	22,458	23,458	24,236	26,144	27,726	36,322	32,391	33,701	30,740	25,213	25,415	328,880
Next 450,000 Cubic Feet	32,481	33,226	32,650	32,617	36,783	40,231	50,210	44,686	42,289	39,914	32,764	34,102	451,933
Next 1,000,000 Cubic Feet	4,334	3,632	2,827	4,980	6,036	6,600	8,011	7,661	7,062	4,869	4,509	2,564	63,065
All Over 1,500,000 Cubic Feet													
Total Volumetric	70,722	73,007	73,202	76,206	83,960	90,695	111,736	101,051	100,129	91,454	76,608	76,662	1,025,432

Chattanooga
Other Public Authority

January February March April May June July August September October November December Total 12 MTD

Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	167	164	179	176	168	173	169	174	163				1,532
3/4"	12	12	13	11	12	12	12	13	11				108
1"	124	126	136	126	125	131	127	133	126				1,154
1 1/2"	68	68	72	66	66	70	68	70	65				614
2"	288	278	302	290	279	302	290	292	291				2,611
3"	6	5	7	8	8	10	9	9	9				71
4"	20	22	21	21	21	21	21	21	21				189
6"	3	3	3	3	3	3	3	3	3				27
8"													
Total Meters	689	679	733	700	682	722	699	715	689	-	-	-	6,306

Volumetric Rates

First 400 Cubic Feet	1,602	1,556	1,716	1,688	1,748	1,848	1,867	1,862	1,829				15,717
Next 6,100 Cubic Feet	11,466	11,429	12,464	12,834	13,238	14,144	13,786	14,171	15,253				118,785
Next 43,500 Cubic Feet	22,875	21,850	24,668	26,633	26,089	30,620	33,938	35,663	40,034				262,879
Next 450,000 Cubic Feet	31,942	28,082	35,516	38,857	36,284	47,108	50,614	53,690	52,341				374,444
Next 1,000,000 Cubic Feet	4,102	2,652	2,471	4,790	5,528	9,471	9,414	9,228	2,899				50,555
All Over 1,500,000 Cubic Feet													
Total Volumetric	71,987	65,569	76,835	84,803	82,907	103,191	109,620	114,814	112,355	-	-	-	822,161

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Other Public Authority

R-PUBLIC AUTHORITY HIST

Meter Size	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
5/8"	9	12	14	-	22	22	11	11	11	-	11	11	134
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	9	7	13	-	18	18	9	9	9	-	9	9	110
1 1/2"	1	1	1	-	2	2	1	1	1	-	1	1	12
2"	4	3	16	-	14	14	7	7	6	-	7	7	85
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	23	23	44	-	56	56	28	28	27	-	28	28	341
Volumetric Rates													
First 400 Cubic Feet	54	53	122	-	118	105	48	51	63	-	78	72	764
Next 6,100 Cubic Feet	305	303	929	-	622	491	230	260	493	-	536	612	4,781
Next 43,500 Cubic Feet	73	133	534	-	174	100	50	55	224	-	256	492	2,091
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	37
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	432	489	1,585	-	914	696	328	366	780	-	907	1,176	7,673

Meter Size	Billing Determinants - 2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	22	11	11	11	-	11	11	11	11	11	10	12	132
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	18	9	9	9	-	9	9	9	9	9	8	10	108
1 1/2"	2	1	1	1	-	1	1	1	1	1	1	1	12
2"	14	7	7	6	-	7	7	7	7	7	6	8	83
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	56	28	28	27	-	28	28	28	28	28	25	31	335
Volumetric Rates													
First 400 Cubic Feet	105	48	51	63	-	78	72	66	73	71	55	57	739
Next 6,100 Cubic Feet	491	230	260	493	-	536	612	487	508	425	361	393	4,786
Next 43,500 Cubic Feet	100	50	55	224	-	256	492	189	369	210	50	201	2,186
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	696	328	366	780	-	870	1,176	742	950	706	466	651	7,731

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Lookout Mountain
 Other Public Authority

R-PUBLIC AUTHORITY HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	11	11	11	11	11	11	10	13	12	12	11	13	137
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	9	9	9	9	9	9	9	9	9	9	9	9	108
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	7	7	7	7	7	7	6	8	7	7	6	7	83
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	28	28	28	28	28	28	26	31	29	29	27	30	340
Volumetric Rates													
First 400 Cubic Feet	51	45	52	57	70	66	66	71	83	74	65	57	757
Next 8,100 Cubic Feet	231	244	281	393	476	448	442	537	688	527	409	288	4,974
Next 43,500 Cubic Feet	102	134	154	285	357	441	402	290	650	377	341	301	3,334
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	384	423	497	735	903	955	910	898	1,421	978	815	646	9,565

Lookout Mountain
 Other Public Authority

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	11	13	12	12	12	11	13	13	13	13	13	13	149
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	9	9	9	9	8	8	8	1	9	9	0	1	4
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	8	7	7	7	7	7	7	7	6	6	6	6	75
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	29	30	29	29	28	27	29	30	30	30	29	46	366
Volumetric Rates													
First 400 Cubic Feet	63	57	54	68	72	76	78	82	85	79	69	54	835
Next 8,100 Cubic Feet	339	348	346	469	506	542	655	676	875	483	385	257	5,683
Next 43,500 Cubic Feet	476	279	194	320	112	530	381	435	467	176	129	125	3,624
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	878	884	596	855	680	1,146	1,114	1,193	1,227	738	583	438	10,142

A/ Does not tie to TAWC response to CAPD #2, TRA Docket #06-00280

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189
Lookout Mountain
Other Public Authority

R-PUBLIC AUTHORITY HIST

Meter Size	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	13	13	12	14	14	13	13	13	13	13	13	13	158
3/4"	1	1	1	1	1	1	1	1	1	1	1	1	12
1"	11	10	10	10	10	10	10	10	10	10	10	10	121
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	6	6	6	6	6	6	6	6	6	6	6	6	72
3"													-
4"													-
6"													-
8"													-
Total Meters	32	31	30	32	32	31	31	31	31	31	31	31	375
Volumetric Rates													
First 400 Cubic Feet	56	58	64	81	87	99	88	91	90	93	91	69	967
Next 6,100 Cubic Feet	258	262	417	414	676	805	639	728	832	731	636	397	6,784
Next 43,500 Cubic Feet	152	133	305	125	514	582	496	689	977	570	478	290	5,311
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	466	453	766	620	1,277	1,486	1,223	1,508	1,899	1,394	1,205	756	13,073
Total Volumetric													-

Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	13	13	13	13	13	14	-	13	13	13	13	13	144
3/4"	1	1	1	1	1	1	-	1	1	1	1	1	11
1"	10	10	10	10	10	11	-	10	10	10	10	10	110
1 1/2"	1	1	1	1	1	1	-	1	1	1	1	1	11
2"	6	6	6	6	6	6	-	6	6	6	6	6	66
3"													-
4"													-
6"													-
8"													-
Total Meters	31	31	31	31	31	33	-	31	31	31	31	31	343
Volumetric Rates													
First 400 Cubic Feet	56	58	51	65	81	93	-	91	93	87	86	52	813
Next 6,100 Cubic Feet	312	363	246	309	458	532	-	636	736	686	500	317	5,085
Next 43,500 Cubic Feet	423	593	158	241	197	189	-	478	504	344	145	99	3,371
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	791	1,014	455	615	736	814	-	1,205	1,333	1,117	731	468	9,279
Total Volumetric													-

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Lookout Mountain
Other Public Authority

R-PUBLIC AUTHORITY HIST

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	13	13	13	13	13	13	13	13	13	13	13	13	156
3/4"	1	1	1	1	1	1	1	1	1	2	1	3	15
1"	10	10	10	10	10	10	12	11	11	11	11	11	127
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	6	6	6	6	6	6	6	6	6	6	6	6	72
3"													-
4"													-
6"													-
8"													-
Total Meters	31	31	31	31	31	31	33	32	32	33	32	34	382
Volumetric Rates													
First 400 Cubic Feet	51	54	51	57	71	91	97	90	88	76	63	56	845
Next 6,100 Cubic Feet	306	347	354	422	417	587	747	603	681	418	350	283	5,495
Next 43,500 Cubic Feet	151	119	108	307	292	342	399	304	295	223	445	439	3,424
Next 450,000 Cubic Feet											320	328	648
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	508	520	513	785	780	1,020	1,243	997	1,064	717	1,178	1,086	10,411

Meter Size	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
5/8"	13	14	14	14	14	14	14	14	14	-	-	-	125	164
3/4"	2	1	1	1	1	1	1	1	1	-	-	-	10	16
1"	11	11	11	11	11	11	11	11	11	-	-	-	99	132
1 1/2"	1	1	1	1	1	1	1	1	1	-	-	-	9	12
2"	6	6	6	6	6	6	6	6	6	-	-	-	54	72
3"													-	-
4"													-	-
6"													-	-
8"													-	-
Total Meters	33	33	33	33	33	33	33	33	33	-	-	-	298	397
Volumetric Rates														
First 400 Cubic Feet	60	55	57	76	86	88	91	86	99	-	-	-	687	1,728
Next 6,100 Cubic Feet	232	229	277	398	482	512	707	559	732	-	-	-	4,129	5,236
Next 43,500 Cubic Feet	38	33	55	59	60	94	500	185	345	-	-	-	1,369	2,017
Next 450,000 Cubic Feet													-	-
Next 1,000,000 Cubic Feet													-	-
All Over 1,500,000 Cubic Feet													-	-
Total Volumetric	330	317	389	533	626	694	1,298	830	1,176	-	-	-	6,195	8,981

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Lakeview Other Public Authority	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Meter Size													
5/8"	4	3	5	4	4	6	3	4	4	4	4	4	49
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	2	2	2	2	2	2	2	2	2	2	2	2	24
3"													-
4"													-
6"													-
8"													-
Total Meters	8	7	9	8	8	10	7	8	8	8	8	8	96
Volumetric Rates													
First 400 Cubic Feet	13	20	20	20	16	20	12	20	17	18	21	21	216
Next 6,100 Cubic Feet	94	173	183	182	202	162	113	163	217	182	135	64	1,870
Next 43,500 Cubic Feet			462	72	72	21	46	117	85	118	25		1,018
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	107	193	665	274	290	202	171	300	322	317	178	85	3,104
Lakeview Other Public Authority													
Billing Determinants - 2004													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	6	3	4	4	4	4	4	4	4	4	4	4	49
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	2	2	2	2	2	2	2	2	2	2	2	2	24
3"													-
4"													-
6"													-
8"													-
Total Meters	10	7	8	8	8	8	8	8	8	8	8	8	97
Volumetric Rates													
First 400 Cubic Feet	20	12	20	20	17	18	21	25	20	21	16	18	227
Next 6,100 Cubic Feet	162	113	163	217	182	135	64	210	229	200	140	160	1,975
Next 43,500 Cubic Feet	21	46	117	85	118	25		178	154	370	121	63	1,298
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet													-
Total Volumetric	202	171	300	322	317	178	85	413	403	591	277	241	3,500

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189
Lakeview
Other Public Authority

R-PUBLIC AUTHORITY HIST

Billing Determinants - 2005

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	4	4	4	4	4	4	4	4	4	4	4	4	48
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	2	2	2	2	2	2	2	2	2	2	2	2	24
3"													-
4"													-
6"													-
8"													-
Total Meters	8	8	8	8	8	8	8	8	8	8	8	8	96

Volumetric Rates

First 400 Cubic Feet	9	14	14	12	13	13	24	19	19	24	16	12	189
Next 6,100 Cubic Feet	92	136	109	124	154	173	222	201	201	198	200	127	1,937
Next 43,500 Cubic Feet	35	190	92	94	112	79	429	225	225	293	141	49	1,964
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	136	340	215	230	279	265	675	445	445	515	357	188	4,090
Total Volumetric													-
A/ Does not tie to TAWC response to CAPD #2, TRA Docket #06-00290													-

Lakeview
Other Public Authority

Billing Determinants - 2006

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	4	4	4	4	4	4	4	4	4	4	4	4	48
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	2	2	2	2	2	2	2	2	2	2	2	2	24
3"													-
4"													-
6"													-
8"													-
Total Meters	8	8	8	8	8	8	8	8	8	8	8	13	101

Volumetric Rates

First 400 Cubic Feet	14	12	18	17	12	13	11	12	14	17	15	16	171
Next 6,100 Cubic Feet	115	136	128	145	182	122	86	123	122	244	123	121	1,647
Next 43,500 Cubic Feet	12	45	41	24	234	140	167	10	204	253	46	38	1,214
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	141	193	187	186	428	275	264	145	340	514	184	175	3,032
Total Volumetric													-

R-PUBLIC AUTHORITY HIST

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OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Lakeview
Other Public Authority

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	5	5	5	5	5	5	5	5	5	5	5	5	60
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	12
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	12
2"	2	2	2	2	2	2	2	2	2	2	2	2	24
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	9	9	9	9	9	9	9	9	9	9	9	9	108
Volumetric Rates													
First 400 Cubic Feet	12	16	20	17	18	16	17	17	17	16	16	14	196
Next 6,100 Cubic Feet	118	131	177	138	128	122	63	76	134	144	164	133	1,528
Next 43,500 Cubic Feet	131	77	29	39	79	77	-	10	116	33	161	104	856
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	261	224	226	194	225	215	80	103	267	193	341	251	2,560

Lakeview
Other Public Authority

Meter Size	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
5/8"	5	5	5	5	5	5	5	5	5	5	5	5	45	60
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	1	1	1	9	12
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	9	12
2"	2	2	2	2	2	2	2	2	2	2	2	2	18	24
3"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	9	9	9	9	9	9	9	9	9	9	9	9	81	108
Volumetric Rates														
First 400 Cubic Feet	13	15	13	17	11	14	17	13	19	-	-	-	132	573
Next 6,100 Cubic Feet	130	137	142	134	113	148	141	157	185	-	-	-	1,267	1,585
Next 43,500 Cubic Feet	57	32	36	37	33	36	103	168	223	-	-	-	725	725
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	200	184	191	188	157	198	261	338	427	-	-	-	2,144	2,883

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER WATER UTILITY REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-OTHER WATER UTIL SUMMARY

	TAWC		CAPD	Difference
Chattanooga	\$ 1,308,493	A/	\$ 1,293,805	A/ \$ 14,688
Total Other Utility	\$ 1,308,493		\$ 1,293,805	\$ 14,688
Corrections and Allowances	-			-
Tolerance Factor	-			-
Total Net Other Utility Revenues	\$ 1,308,493	B/	\$ 1,293,805	\$ 14,688

A/ CAPD Work Papers, R-OTHER WATER UTIL COMPARATIVE
 B/ TAWC Exhibit No. 4, Schedule 1, Page 1 of 1, Line 9

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER WATER UTILITY REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-OTHER WATER UTIL COMPARATIVE

Chattanooga		TAWC		CAPD		TAWC Over (Under) CAPD	
Meter Charges		Billing	Revenue	Billing	Revenue	(Under) CAPD	
Meter Size	Present Rates	Determinates	Forecast	Determinates	Forecast	Revenue	Forecast
5/8"	\$ 10.88	-	-	-	-	-	-
3/4"	18.28	-	-	-	-	-	-
1"	30.41	-	-	-	-	-	-
1 1/2"	60.85	-	-	-	-	-	-
2"	97.35	12	1,181	12	1,168	-	13
3"	182.53	-	-	-	-	-	-
4"	304.23	36	10,993	36	10,952	-	41
6"	608.47	-	-	-	-	-	-
8"	973.53	-	-	-	-	-	-
Total		48	\$ 12,174	48	\$ 12,120	\$	54

Volumetric Rates

	Present Rates	TAWC Billing	TAWC Revenue	CAPD Billing	CAPD Revenue	TAWC Over (Under) CAPD
		Determinates	Forecast	Determinates	Forecast	Revenue
First 400 Cubic Feet	\$ 0.202	5	1	-	-	1
Next 6,100 Cubic Feet	3.207	1	3	-	-	3
Next 43,500 Cubic Feet	2.015	-	-	-	-	-
Next 450,000 Cubic Feet	1.506	-	-	-	-	-
Next 1,000,000 Cubic Feet	1.151	-	-	-	-	-
All Over 1,500,000 Cubic Feet	0.684	-	-	-	-	-
Fort Oglethorpe	0.9353	469,025	438,679	452,871	423,570	15,109
Catoosa County	0.9353	27,241	25,479	29,430	27,526	(2,047)
Signal Mountain	0.8977	415,455	372,954	429,050	385,158	(12,204)
Walden Ridge	1.0572	434,358	459,203	421,330	445,430	13,773
Total		1,346,079	1,296,319	1,332,681	\$1,281,684	\$ 14,635
Total Other Water Utility			\$1,308,493		\$1,293,805	\$ 14,688

A/ TAWC Exhibit No. 4, Schedule 2, Page 11 of 13, Lines 15 and 28
B/ CAPD Work Paper, R-OTHER WATER UTILITY TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER WATER UTILITY BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-OTHER WATER UTILITY TREND

12/31/2011

Chattanooga

Chattanooga
 Other Water Utility Class

Meter Size	A/ 12/31/2004	A/ 12/31/2005	A/ 12/31/2006	A/ 12/31/2007	A/ 12/31/2008	A/ 12/31/2009	A/ 9/30/2010	12/31/2011	B/ TAWC
5/8"									
3/4"									
1"									
1 1/2"								12	12
2"									
3"								36	36
4"									
6"									
8"								48	48
Total Meters	-	-	-	-	-	-	-	48	48

Volumetric Rates

Ft. Oglethorpe	-	107,906	483,455	497,607	506,108	493,917	452,871	452,871	469,025
Catoosa	-	35,411	369,170	508,501	403,962	416,111	29,430	29,430	27,241
Signal Mountain	-	81,561	467,096	520,258	486,872	503,990	429,050	429,050	415,455
Walden's Ridge	-	-	376,073	470,456	505,226	497,522	421,330	421,330	434,368
SFR	1,337,767	1,046,319	-	-	-	-	-	-	-
Total Volumetric	1,337,767	1,271,197	1,695,794	1,996,822	1,902,168	1,911,540	1,332,681	1,332,681	1,346,079

A/ CAPD Work Papers R-OTHER WATER UTILITY HIST
 B/ TAWC Exhibit No. 4, Schedule 2, Page 11 of 13, Lines 15 and 28

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER WATER UTILITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-OTHER WATER UTILITY HIST

Chattanooga Other Water Utility Class	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Meter Size													
5/8"													-
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	-	-	-	-	-	-	-	-	-	-	-	-	-
Volumetric Rates													
Fl. Ogletrope	106,586	107,909	141,615	67,231	95,363								518,704
Catoosa													-
Signal Mountain						159,130	48,448	135,484	112,924	44,100	160,702	71,567	732,365
Walden's Ridge													-
SFR													-
Total Volumetric	106,586	107,909	141,615	67,231	95,363	159,130	48,448	135,484	112,924	44,100	160,702	71,567	1,251,069
Chattanooga Other Water Utility Class						Billing Determinants - 2004							Total
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"													-
3/4"													-
1"													-
1 1/2"													-
2"													-
3"													-
4"													-
6"													-
8"													-
Total Meters	-	-	-	-	-	-	-	-	-	-	-	-	-
Volumetric Rates													
Fl. Ogletrope													-
Catoosa													-
Signal Mountain	159,130	48,448	135,484	112,924	44,100	160,702	71,567	135,293	137,425	145,586	109,388	77,720	1,337,767
Walden's Ridge													-
SFR													-
Total Volumetric	159,130	48,448	135,484	112,924	44,100	160,702	71,567	135,293	137,425	145,586	109,388	77,720	1,337,767

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER WATER UTILITY BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Chattanooga

ROTHER WATER UTILITY HIST

Chattanooga													
Other Water Utility Class	January	February	March	April	May	Billing Determinants - 2005							Total
Meter Size	5/8"					June	July	August	September	October	November	December	-
	3/4"												-
	1"												-
	1 1/2"												-
	2"												-
	3"												-
	4"												-
	6"												-
	8"												-
	Total Meters	-	-	-	-	-	-	-	-	-	-	-	-
Volumetric Rates													
Ft. Oglethorpe													
Catoosa										69,586	36,014	2,306	107,908
Signal Mountain										17,917	15,989	1,505	35,411
Walden's Ridge											37,668	43,893	81,561
SFR	106,897	37,926	98,986	113,285	107,642	120,966	121,735	88,206	187,908	15,989		46,769	1,046,319
Total Volumetric	106,897	37,926	98,986	113,285	107,642	120,966	121,735	88,206	187,908	103,492	89,671	94,473	1,271,197
Chattanooga													
Other Water Utility Class	January	February	March	April	May	Billing Determinants - 2006							Total
Meter Size	5/8"					June	July	August	September	October	November	December	-
	3/4"												-
	1"												-
	1 1/2"												-
	2"												-
	3"												-
	4"												-
	6"												-
	8"												-
	Total Meters	-	-	-	-	-	-	-	-	-	-	-	-
Volumetric Rates													
Ft. Oglethorpe	41,562	35,881	40,195	36,715	35,134	41,592	43,046	45,440	47,619	40,004	39,093	37,174	483,455
Catoosa		4,698		28,702	34,419	50,718	53,874	49,455	47,095	29,072	31,503	39,634	369,170
Signal Mountain	65,594		63,089		71,867	51,927		65,473	48,627		69,993	30,526	467,096
Walden's Ridge			55,259		72,485	46,100		40,312	74,028	29,789	30,870	27,230	376,073
Total Volumetric	107,156	40,579	158,543	65,417	213,905	190,337	96,920	200,680	217,369	98,865	171,459	134,564	1,695,794

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE AND PROTECTION DIVISION
OTHER WATER UTILITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
Chattanooga
Other Water Utility Class

R-OTHER WATER UTILITY HIST

Billing Determinants - 2007
January February March April May June July August September October November December Total

Meter Size	January	February	March	April	May	June	July	August	September	October	November	December	Total
5/8"	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	-	-	-	-	-	-	-	-	-	-	-	-	-

Volumetric Rates

Ft. Ogletthorpe	44,117	37,667	36,724	38,170	39,078	47,987	42,482	43,925	46,388	40,166	35,982	44,921	497,607
Catoosa	20,221	5,626	14,413	41,826	35,184	55,938	70,537	50,996	68,821	54,932	43,624	46,383	508,501
Signal Mountain	29,681	30,022	32,627	33,918	42,078	64,568	46,885	54,800	53,406	60,511	36,782	34,980	520,258
Walden's Ridge	26,230	29,666	27,130	35,429	37,306	53,225	44,312	49,578	50,594	48,870	34,207	33,889	470,456

* Signal Mountain March and April adjusted for S. Miller Rebuttal Exhibit.

Total Volumetric	120,249	103,001	110,894	149,343	153,646	221,718	204,216	199,299	219,209	204,479	150,595	160,173	1,996,822
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Meter Size

5/8"	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	-	-	-	-	-	-	-	-	-	-	-	-	-

Volumetric Rates

Ft. Ogletthorpe	36,084	38,353	41,022	39,402	38,640	46,552	47,692	41,450	43,984	43,487	41,177	48,265	506,108
Catoosa	27,292	20,033	13,622	-	2,129	17,742	56,138	56,960	64,221	52,342	52,479	41,004	403,962
Signal Mountain	37,365	30,910	35,080	31,467	33,910	47,894	52,813	55,722	51,675	45,112	32,836	31,988	486,872
Walden's Ridge	39,445	35,185	39,879	33,813	35,855	51,895	51,363	50,152	52,187	45,304	-	70,138	505,226
Total Volumetric	140,186	124,481	129,603	104,682	110,534	164,083	208,006	204,284	212,077	186,245	126,592	191,395	1,902,168

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 OTHER WATER UTILITY BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189
 Chattanooga
 Other Water Utility Class

R-OTHER WATER UTILITY HIST

Meter Size	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	-	-	-	-	-	-	-	-	-	-	-	-	-
Volumetric Rates													
Ft. Oglethorpe	56,814	37,504	36,019	42,300	35,206	36,906	-	38,445	37,906	38,523	38,547	38,129	436,299
Calhoun	11,328	15,253	130	61	1,660	1	-	1,085	188	15,004	1,025	-	46,745
Signal Mountain	35,236	32,614	26,645	31,787	37,168	41,001	-	44,903	34,408	27,213	29,666	26,424	369,265
Walden's Ridge	38,774	34,793	29,765	41,019	40,644	41,734	-	42,300	33,392	26,455	29,731	26,374	384,981
Total Volumetric	142,152	120,164	94,759	115,167	114,668	119,642	-	126,743	105,904	107,195	98,969	90,927	1,236,290
Chattanooga													
Other Water Utility Class													
Billing Determinants - 2010													
January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Meter Size													
5/8"	-	-	-	-	-	-	-	-	-	-	-	-	-
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	-	-	-	-	-	-	-	-	-	-	-	-	-
1 1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-
2"	-	-	-	-	-	-	-	-	-	-	-	-	-
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	-	-	-	-	-	-	-	-	-	-	-	-	-
Volumetric Rates													
Ft. Oglethorpe	44,288	35,241	33,462	37,409	33,378	36,723	41,485	36,056	39,630	-	-	-	337,672
Calhoun	-	1,300	2,081	-	2,085	105	4,140	2,575	1,115	-	-	-	13,401
Signal Mountain	31,110	30,349	27,467	34,149	36,085	35,108	48,755	49,259	53,465	-	-	-	345,747
Walden's Ridge	36,335	33,561	30,437	30,222	32,716	40,392	43,220	44,023	47,864	-	-	-	338,770
Total Volumetric	111,733	100,451	93,447	101,780	104,264	112,328	137,600	131,913	142,074	-	-	-	1,036,590
													1,332,681

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 PRIVATE FIRE REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-PRIVATE FIRE SERVICE COMPARATIVE

Meter Charges	Meter Size	Present Rates	Chattanooga				TAWC Over (Under) CAPD Revenue Forecast
			TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	
	1"	\$ 27.15	-	\$ -	-	\$ -	\$ -
	1 1/2"	61.24	1	61	1	61	-
	2"	108.92	13	1,416	17	1,830	(414)
	2 1/2"	166.09	1	166	1	162	
	3"	244.83	2	490	2	483	6
	4"	490.28	83	40,693	88	42,935	(2,242)
	6"	979.79	757	741,701	828	811,271	(69,570)
	8"	1,961.24	299	586,411	306	599,396	(12,985)
	10"	2,942.08	15	44,131	15	44,055	76
	12"	3,923.10	19	74,539	20	78,243	(3,705)
	Total		1,190	\$ 1,489,608	1,277	\$ 1,578,438	\$ (88,834)

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 PRIVATE FIRE SERVICE BILLING DETERMINANTS HISTORY
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-PRIVATE FIRE SERVICE HIST

Meter Size	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
4"													1
1 1/2"													13
2"													1
2 1/2"													2
3"													80
4"													730
6"													292
8"													15
10"													19
12"													1,153
Total Meters													

Chattanooga
 Private Fire Service

Meter Size	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
1"													2
1 1/2"													14
2"													2
2 1/2"													4
3"													80
4"													814
6"													292
8"													15
10"													19
12"													1,242
Total Meters													

Chattanooga
 Private Fire Service

Meter Size	Billing Determinants - March 2008												Total
	April	May	June	July	August	September	October	November	December	January	February	March	
1"													1
1 1/2"													14
2"													1
2 1/2"													2
3"													87
4"													780
6"													301
8"													15
10"													19
12"													1,220
Total Meters													

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION R-CUSTOMER GROWTH
 CUSTOMER GROWTH COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-CUSTOMER GROWTH

Year Ending	Residential	Commercial	Total	Annual Growth %
SEPT 2010	789,128	100,448	889,576 A/	
DEC 2011	796,276	101,261	897,537 B/	0.89%

A/ TAWC Exhibit No. 4, Schedule 2, Page 3 of 13, Lines 15 and 26
 B/CAPD Residential Trends Workpapers Pages 8-12