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**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

**AMENDMENT TO TESTIMONY
OF JOHN HUGHES**

February 25, 2011

DOCKET # 10-00189

Tennessee American Water Company

AMENDMENT TO Testimony of John Hughes

February 24, 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 **Q. Are you the John Hughes who previously filed direct testimony on**
4 **January 5, 2011?**

5 A. Yes, I am.

6 **Q. What is the purpose of your testimony?**

7 A. The purpose of my testimony is to amend my pre-filed direct
8 testimony, the forecasted financial exhibits (Exhibits of the Consumer
9 Advocate) and certain work papers (work papers of John Hughes) for
10 Residential Operating Income, Commercial Operating Income,
11 Industrial Operating Income, Other Public Authority Operating
12 Income, and Other Water Utility Operating Income for the attrition
13 year ending December 31, 2011.

14 **Q. Please describe the first amendment.**

15 A. The Residential History Meter Determinants during 2004 was found
16 to have some errors. As a result, those errors were corrected, and the
17 resulting residential trend analysis and residential summary work
18 papers were corrected to incorporate the changes to the 2004 historical
19 data. The summary attrition year revenue computations were
20 corrected accordingly.

21 **Q. Please describe the second amendment.**

22 A. The Commercial History Meter Determinants during 2004 was found
23 to have some errors. As a result, those errors were corrected, and the

1 resulting commercial trend analysis and commercial summary work
2 papers were corrected to incorporate the changes to the 2004 historical
3 data. The summary attrition year revenue computations were
4 corrected accordingly.

5 **Q. Please describe the third amendment.**

6 A. Some of the trend analysis formulas used in the Industrial Trend
7 Analysis work papers were partially incorrect. As a result of the
8 corrections, the Industrial Summary work papers were changed. And,
9 the summary attrition year revenue computations were corrected
10 accordingly.

11 **Q. Please describe the fourth amendment.**

12 A. Some of the trend analysis formulas used in the Other Public
13 Authority Trend Analysis work papers were partially incorrect. As a
14 result of the corrections, the Other Public Authority Summary work
15 papers were changed. And, the summary attrition year revenue
16 computations were corrected accordingly.

17 **Q. Please describe the final amendment.**

18 A. Some of the trend analysis formulas used in the Other Water Utility
19 Trend Analysis work papers were partially incorrect. As a result of
20 the corrections, the Other Water Utility Summary work papers were
21 changed. And, the summary attrition year revenue computations were
22 corrected accordingly.

23 **Q. What are the required corrections to your testimony due to the**
24 **amendments?**

1 A. Page 3, Line 10 should be \$38,229,488 , not \$38,399,479.

2 Page 3, Line 11 should be \$933,031, not\$1,103,022.

3 Page 3, Line 15 should be \$933,031, not \$1,103,022.

4 Page 4, Line 12 should be \$614,508, not \$784.499.

5 Page 7, Line 4 should be 12/31/2004, not 7/2004.

6 Page 7, Line 15 should be \$15,925,215, not \$16,166,827.

7 Page 8, Line 5 should be \$15,925,215, not \$16,111,079.

8 Page 8, Line 6 should be \$682,016, not \$867,880.

9 Page 8, Line 22 should be \$11,715,851, not \$11,681.708.

10 Page 9, Line 9 should be \$11,715,851, not \$11,681,708.

11 Page 9, Line 9 should be \$181,504, not \$147,361.

12 Page 10, Line 18 should be \$2,530,872, not \$2,549,888.

13 Page 11, Line 1 should be \$25,381, not \$6,365.

14 Page 13, Line 12 should be \$38,251,266 not \$38,399,479.

15 Page 13, Line 12 should be \$954,809, not \$1,103,022.

16

17 This concludes the amendments to my original testimony. Attached is
18 my amended testimony.

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WATER COMPANY TO CHANGE AND
INCREASE CERTAIN RATES AND
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DOCKET NO. 10-00189

**JOHN HUGHES
AMENDED TESTIMONY**

February 25, 2011

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

IN RE:)

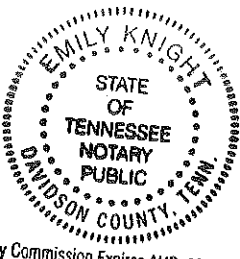
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DOCKET NO. 10-00189

AFFIDAVIT

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

Sworn to and subscribed before me
this 25th day of Feb., 2011.




JOHN HUGHES


NOTARY PUBLIC

My Commission Expires AUG. 23, 2011

My commission expires: Aug. 23, 2011

DOCKET # 10-00189

Tennessee American Water Company

AMENDED Testimony of John Hughes

February 24, 2011

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

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5 **hold?**

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18 proceedings as an employee with the Consumer Advocate.

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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 \$38,229,488.²
11 This difference of \$933,031 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 \$933,031**
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 \$614,508 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 seven years 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 December
5 2004 through the twelve months ending September 2010. These
6 billing determinants were used for the locations of Chattanooga,
7 Lookout Mountain, Lakeview, and Suck Creek. For the community
8 of Lone Oak, billing determinants from the period August, 2006
9 through September 2010 were used because earlier data was not
10 available. Then, the trended billing determinants for the past years
11 ending with the test year ending September 2010 were applied to
12 present rates. This calculation yielded the billing determinants for the
13 attrition year ending December 31, 2011. Those billing determinants
14 were then multiplied by current water rates to calculate an attrition
15 year total of \$15,925,215 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 \$15,925,215⁹. The resulting difference between TAWC and the
6 CAPD's Residential Operating Revenues is \$682,016.¹⁰

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 January 2004 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 \$11,715,851¹¹ 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 \$11,715,851¹³, resulting in a difference of \$181,504.

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 \$118,733¹⁷.

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 \$2,530,872.¹⁸ 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 \$25,381.²⁰ 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 an increase in revenues during
19 the attrition year to \$1,293,805.²³

20 Once again, as in the previous example of Other Public
21 Authority Operating Revenues, a change 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
2 September30, 2010, reveals that revenues will decline by \$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 \$1,725,873.²⁷ Therefore, the CAPD's trend analysis of
4 Private Fire Service Operating Revenues is less than that of TAWC by
5 \$9,193.²⁸ Again, this demonstrates the forward looking value of trend
6 analysis.

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 \$38,251,266²⁹, which is \$954,809³⁰ greater than TAWC's forecast of
13 \$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.

IN RE:

DOCKET NO. 10-00189

February 25, 2011

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE AND PROTECTION DIVISION
 TENNESSEE - AMERICAN WATER COMPANY
 TRA DOCKET #10-00189
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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) CAPD Forecast Revenues
		Per Book Total	Revenues	3/31/2010 Normalized Total	Revenues	Attrition Year @ Present Rates 12/31/2011 Total Revenues	Percent Increase Over 3/31/2010	A/	Attrition Year @ Present Rates 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/	\$ 15,925,215	5.05%		\$ (682,016)
2	Commercial	11,512,840		11,403,023		11,534,347	1.15%	B/	11,737,629	2.93%		(203,282)
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/	2,530,872	-0.99%		25,381
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/	1,725,873	0.24%		9,193
7	Public Fire Service	(66)		-		-			40			(40)
8	Subtotal	\$ 36,053,630		\$ 35,551,158		\$ 35,779,322	0.64%		\$ 36,734,131	3.33%		\$ (954,809)
9	Other Operating Revenues	1,517,219		1,512,788		1,517,135	0.29%	G/	1,517,135	0.29%		-
10	Total Revenue	\$ 37,570,849		\$ 37,063,946		\$ 37,296,457	0.63%		\$ 38,251,266			\$ (954,809)

E/ CAPD Work Paper R-OTHER UTIL SUMMARY

F/ TAWC response to CAPD Part IV, #7.

G/ TAWC Other Operating Revenues -Attritopm Yr at Present Rates

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

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/	\$ 13,976,108 A/	\$ (437,492)
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	\$ 15,925,215	\$ (569,298)
Corrections and Allowances	(113,625)		(113,625)
Tolerance Factor/Rounding	906		906
Total Net Residential Revenues	\$ 15,243,199 B/	\$ 15,925,215	\$ (682,017)

A/ CAPD Work Papers, R-RES COMPARATIVE

B/ TAWC Exhibit No. 4, Schedule 1, Page 1 of 1, Line 5

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 CONSUMER ADVOCATE & PROTECTIVE DIVISION
 RESIDENTIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

RESIDENTIAL REVENUE FORECAST COMPARATIVE
 Meter Charges

FORECAST COMPARATIVE			Chattanooga			R-RES COMPARATIVE			TAWC Over		
Meter Charges									(Under) CAPD		
Meter Size	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Revenue Forecast	CAPD Revenue Forecast	TAWC Revenue Forecast			
5/8"	\$ 10.88	724,498	\$ 7,882,538	728,218	\$ 7,923,012	\$ (40,474)					
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	731,770	\$ 8,029,639	\$ (44,048)					

Volumetric Rates

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	2,276,511	\$ 459,855	\$ 3,732
Next 6,100 Cubic Feet	3.207	1,546,547	4,959,776	1,661,355	5,327,965	(368,189)
Next 43,500 Cubic Feet	2.015	62,450	125,837	74,312	149,739	(23,902)
Next 450,000 Cubic Feet	1.506	2,540	3,825	5,916	8,909	(5,084)
Next 1,000,000 Cubic Feet	1.151	-	-	-	-	-
All Over 1,500,000 Cubic Feet	0.684	-	-	-	-	-
Total		3,906,524	\$ 5,553,026	4,018,094	\$ 5,946,469	\$ (393,443)
Total Residential			\$13,538,616		\$ 13,976,108	\$ (437,492)

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 Charges	Lookout Mtn.				R-RES COMPARATIVE.			
	Present Rates	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
Meter Size								
5/8"	\$ 10.88	\$ 12.21	20,853	\$ 254,815	21,362	\$ 260,834	\$ (6,219)	
3/4"	18.28	18.28	501	9,158	558	10,205	(1,047)	
1"	30.41	30.41	1,403	42,665	1,516	46,111	(3,448)	
1 1/2"	60.85	60.85	24	1,460	24	1,461	(1)	
2"	97.35	97.35	31	3,018	29	2,816	201	
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	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
First 400 Cubic Feet	\$ 0.202	\$ 0.753	74,197	\$ 55,870	76,114	\$ 57,313	\$ (1,443)	
Next 6,100 Cubic Feet	3.207	4.131	128,124	529,280	149,742	618,585	(89,304)	
Next 43,500 Cubic Feet	2.015	2.939	15,806	46,454	22,881	67,247	(20,793)	
Next 450,000 Cubic Feet	1.506	2.055	56	115	214	439	(324)	
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	\$ 743,584	\$ (111,865)	
				\$ 942,638		\$ 1,065,011	\$ (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

Meter Charges	Lakeview						R-RES COMPARATIVE		
	Present Rates	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
Meter Size									
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	1,158	39	1,188	(43)		
1 1/2"	80.85	-	-	-	-	-	-		
2"	87.35	-	-	-	-	-	-		
3"	182.63	-	-	-	-	-	-		
4"	-	-	-	-	-	-	-		
6"	-	-	-	-	-	-	-		
8"	-	-	-	-	-	-	-		
Total			33,710	\$ 412,291	33,821	\$ 413,671	\$ (1,380)		
Volumetric Rates									
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	285,787	(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		Lone Oak						R-RES COMPARATIVE			
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"	\$ 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		Lone Oak						R-RES COMPARATIVE			
	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

Meter Charges	Suck Creek				R-RES COMPARATIVE			
	Present Rates	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
Meter Size								
5/8"	\$	32.76	\$ 23.85	\$ 60,412	2,533	\$ 60,340	\$ 72	
3/4"		32.76	23.85	-	-	-	-	
1"		32.76	23.85	12	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				\$ 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	\$	\$	
Over 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		\$ 98,771	\$ (1,768)	

A/ TAWC Exhibit
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

TENNESSEE AMERICAN WATER COMPANY
TRA DOCKET #10-00189
RESIDENTIAL BILLING DETERMINANTS COMPARATIVE

BILLING DETERMINANTS
TREND ANALYSIS

R-RESIDENTIAL TREND

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"	708,635	696,639	709,354	722,443	722,601	719,643	720,108	728,218			724,498
3/4"	936	965	1,031	1,136	1,146	1,105	1,083	1,183			1,089
1"	1,802	1,955	2,034	2,133	2,079	1,959	1,933	2,055			1,949
1 1/2"	209	226	208	237	228	213	219	224			207
2"	171	177	138	130	122	117	108	89			114
3"	1	8	1	2	1	-	1	1			1
4"											
6"											
8"											
Total Meters	711,754	699,970	712,766	726,081	726,177	723,037	723,453	731,770			727,858
Volumetric Rates											
First 400 Cubic Feet	2,303,130	2,353,231	2,285,157	2,328,312	2,307,424	2,278,963	2,280,214	2,276,511			2,294,987
Next 6,100 Cubic Feet	1,815,501	1,791,219	1,781,923	1,918,055	1,783,956	1,645,905	1,661,747	1,661,355			1,546,547
Next 43,500 Cubic Feet	47,540	56,241	62,639	72,895	66,434	64,792	66,874	74,312			62,450
Next 450,000 Cubic Feet	(4,795)	3,520	6,489	5,013	3,975	3,377	2,735	5,916			2,540
Next 1,000,000 Cubic Feet	(2,336)		131	(3,998)	-		-	-			-
All Over 1,500,000 Cubic Feet	4,159,040	4,204,211	4,136,339	4,320,277	4,161,790	3,993,036	4,011,570	4,018,094			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 O TENNESSEE AMERICAN WATER COMPANY
 CONSUME TRA DOCKET #10-00189
 RESIDENT 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	12/31/2011		
5/8"	18,916	19,070	19,395	20,201	20,419	20,658	20,934	21,463	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	22,607	22,899	23,590	22,812	
Volumetric Rates										
First 400 Cubic Feet	70,995	71,377	72,324	75,496	75,245	73,873	75,128	76,516	74,197	
Next 6,100 Cubic Feet	140,247	148,029	156,326	186,397	160,143	132,885	143,652	150,387	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	-	-			
All Over 1,500,000 Cubic Feet					0	-	-			
Total Volumetric	222,340	233,926	250,672	290,942	258,057	221,491	238,340	249,998	218,183	

A/ CAPD Work Papers R-RESIDENTIAL HIST, 9/30/10 normalized per TAWC response to Consumer Advocate DR #12 (exclusive of WNA).
 B/ TAWC Exhibit No. 4, Schedule 2, Page 1 of 13, Lines 36 and 45

OFFICE OF TENNESSEE AMERICAN WATER COMPANY
 CONSUMER TRA DOCKET #10-00189
 RESIDENT 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	33,077	33,684	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	33,602	33,114	33,723	33,710
Volumetric Rates									
First 400 Cubic Feet	108,308	108,914	108,632	109,270	108,863	107,601	106,934	107,424	108,092
Next 6,100 Cubic Feet	87,364	88,005	84,165	85,138	82,482	77,981	76,461	75,063	73,824
Next 43,500 Cubic Feet	2,111	1,510	1,251	814	838	1,172	627	368	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	186,754	184,022	182,855	182,620
Total Volumetric									

A/ CAPD Work Papers R-RESIDENTIAL HIST, 9/30/10 normalized per TAWC response to Consumer Advocate DR #12 (exclusive of WNA).

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

Meter Size	Lone Oak										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"	-	-	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
 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	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
 SUMMARY ATTRITION YEAR REVENUE COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET #10-00189

R-RESIDENTIAL HIST

Billing Determinants - 2004													
Residential Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	93,461	53,814	65,121	51,175	44,004	59,432	54,960	57,386	57,621	57,544	55,095	58,023	708,635
3/4"	126	67	92	66	38	84	74	79	79	79	59	94	936
1"	237	125	151	121	82	155	149	159	180	157	129	177	1,802
1 1/2"	32	17	17	18	7	15	17	18	17	18	15	20	209
2"	23	11	11	12	5	17	17	16	17	15	13	18	171
3"						1							1
4"													-
6"													-
8"													-
Total Meters	93,879	54,033	65,392	51,390	44,136	59,703	55,217	57,858	57,894	57,812	55,310	58,330	711,754
Volumetric Rates													
First 400 Cubic Feet	303,709	171,348	205,000	168,868	145,095	188,645	182,820	190,610	190,742	184,369	174,431	187,496	2,303,130
Next 6,100 Cubic Feet	222,764	105,871	131,845	130,379	110,103	183,028	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	1,487	5,111	5,217	7,082	5,897	5,888	4,180	1,435	47,540
Next 450,000 Cubic Feet		83	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	530,549	279,413	339,874	301,669	256,670	386,801	353,159	376,146	366,834	344,764	311,975	311,384	4,159,040
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
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"	61,188	54,616	59,693	57,750	55,358	60,805	52,790	60,911	58,187	58,797	55,639	60,898	696,639
3/4"	81	68	80	75	73	88	57	107	73	95	65	102	955
1"	180	139	152	163	152	172	133	201	159	184	162	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"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	61,462	54,853	59,958	58,022	55,515	61,099	53,010	81,259	58,453	59,112	55,889	61,228	699,970
Volumetric Rates													
First 400 Cubic Feet	267,907	171,428	185,616	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	138,639	132,278	183,427	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	4,940	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	431,813	271,659	305,429	328,146	343,559	389,929	331,576	392,238	381,736	384,719	318,988	344,419	4,204,212
Total Volumetric	-	-	-	-	-	-	-	-	-	-	-	-	-

Billing Determinants - 2006

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	56,284	64,842	56,418	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	176	170	208	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"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	61,328	55,629	64,393	50,241	64,577	59,227	56,545	65,176	59,698	62,446	56,828	59,678	712,767
Volumetric Rates													
First 400 Cubic Feet	194,714	171,828	201,323	180,911	207,737	195,286	187,492	212,407	185,586	199,855	179,914	185,104	2,285,157
Next 6,100 Cubic Feet	139,134	106,692	122,765	108,328	149,618	185,477	193,213	201,377	166,957	154,020	125,462	128,882	1,781,923
Next 43,500 Cubic Feet	2,552	3,441	2,240	2,165	4,100	6,455	10,884	10,161	7,536	5,138	3,648	4,318	62,639
Next 450,000 Cubic Feet	(752)	21	273	2351	21	1,494	1,684	984	413	-	-	-	6,489
Next 1,000,000 Cubic Feet	-	-	-	131	-	-	-	-	-	-	-	-	131
All Over 1,500,000 Cubic Feet	335,648	281,981	326,601	273,887	361,477	388,711	393,273	424,929	360,482	359,013	308,024	321,304	4,138,339
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

Residential Class	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	65,341	56,028	62,670	56,483	62,897	59,448	55,904	65,073	54,766	65,266	57,042	57,525	722,443
3/4"	97	77	84	81	102	95	99	102	97	99	97	98	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	198,668	184,336	136,250	127,043	1,918,055
Next 43,500 Cubic Feet	2,798	2,022	2,286	3,083	3,875	10,194	12,235	7,023	12,486	8,951	4,783	3,480	72,895
Next 450,000 Cubic Feet	654	80	1,800	245	421	421	169	(334)	817	788	353	5,013	-
Next 1,000,000 Cubic Feet	-	-	4,000	-	-	-	(4,000)	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	(3,998)	-	-	-	-	-	(3,998)
Total Volumetric	351,940	278,190	320,477	315,192	365,320	436,839	406,286	408,949	393,891	404,488	324,141	313,765	4,320,278

Residential Class	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	65,400	59,760	54,620	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	83	95	97	98	94	94	107	83	108	1,146
1"	167	160	156	162	166	182	194	178	184	180	153	186	2,079
1 1/2"	19	19	18	19	19	18	19	19	18	20	17	21	228
2"	10	10	10	11	10	10	10	10	10	10	10	10	122
3"	-	-	-	-	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	728,177
Volumetric Rates													
First 400 Cubic Feet	208,020	183,971	169,356	198,385	182,050	193,809	205,091	195,422	189,914	211,959	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	8,892	9,877	8,083	3,337	3,613	66,434
Next 450,000 Cubic Feet	16	420	-	-	87	132	1,099	751	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	306,871	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

Billing Determinants - 2009

Residential Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	60,057	57,247	62,913	57,945	55,749	62,847	83,252	59,961	60,109	60,021	53,607	65,034	719,643
3/4"	92	80	100	91	76	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	8	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	83,561	80,257	60,408	60,312	53,852	65,344	723,037

Volumetric Rates

First 400 Cubic Feet	188,592	179,085	192,901	181,203	178,021	202,293	208,023	193,527	193,281	189,304	168,549	205,185	2,278,963
Next 6,100 Cubic Feet	126,733	119,783	110,249	113,000	121,597	160,286	217,268	167,485	151,912	123,137	107,450	126,994	1,845,905
Next 43,500 Cubic Feet	4,062	6,789	2,227	1,589	5,569	5,498	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	319,387	306,846	305,377	295,793	305,186	368,330	440,322	370,701	351,345	316,238	278,889	335,022	3,993,036
Total Volumetric													-

Billing Determinants - 2010

Residential Class	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Meter Size														
5/8"	59,880	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	88	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	180,746	203,745	196,637	197,434	184,365				1,718,176	2,280,214
Next 6,100 Cubic Feet	126,572	104,727	108,013	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	1,788	1,857	3,540	6,163	9,476	11,945	12,728				56,544	66,874
Next 450,000 Cubic Feet	105	38			557	544	676	161	643				2,735	2,735
Next 1,000,000 Cubic Feet													-	-
All Over 1,500,000 Cubic Feet	319,187	284,310	303,384	309,750	309,769	373,888	398,888	387,042	397,442				3,081,620	4,011,569
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
Lookout Mountain
Residential Class

R-RESIDENTIAL HIST

Billing Determinants - July 2004

	August	September	October	November	December	January	February	March	April	May	June	July	Total
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	19,052
3/4"	33	31	29	2	63	60	29	30	30		33	33	374
1"	85	110	106	2	179	181	88	89	92		98	97	1,127
1 1/2"	2	2	3		4	4	2	2	2		2	1	24
2"	3	2	6		6	6	3	3	3		3	3	38
3"													-
4"													-
6"													-
8"													-
Total Meters	1,631	1,748	1,950	43	3,361	3,379	1,684	1,688	1,691	12	1,706	1,722	20,616

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	71,631
Next 6,100 Cubic Feet	14,162	15,336	15,347	196	17,801	17,106	6,763	7,094	12,250	99	16,610	16,323	139,087
Next 43,500 Cubic Feet	730	2,000	2,230		974	1,087	79	34	644	42	1,641	1,418	10,878
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	20,674	23,491	24,482	323	30,357	29,759	12,446	12,722	18,891	174	24,380	23,897	221,596
Total Volumetric													-

Billing Determinants - 2004

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	3,129	1,562	1,584	1,584	12	1,570	1,588	1,590	1,591	1,589	1,269	1,889	18,916
3/4"	60	29	30	30		33	33	33	33	33	30	35	378
1"	181	88	89	92		98	97	99	97	97	68	117	1,124
1 1/2"	4	2	2	2		2	1	3	2	2	1	3	24
2"	6	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	1,728	1,728	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	8,150	6,028	4,601	7,045	70,895
Next 6,100 Cubic Feet	17,106	6,763	7,094	12,250	99	16,610	16,323	18,130	15,461	12,348	7,264	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	10,979
Next 450,000 Cubic Feet								15				104	119
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	29,759	12,446	12,722	18,891	174	24,380	23,897	24,759	22,884	19,099	12,077	21,273	222,341
Total Volumetric													-

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
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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	18,070
3/4"	32	32	32	32	32	33	37	37	35	33	31	40	401
1"	92	90	92	93	98	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	20,686

Volumetric Rates

First 400 Cubic Feet	5,710	5,520	5,617	5,888	6,031	6,100	5,752	6,521	6,289	6,083	5,691	6,196	71,377
Next 6,100 Cubic Feet	6,091	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	14,325	12,011	12,656	15,842	20,532	23,300	21,603	25,727	29,131	21,952	18,960	17,886	233,927
Total Volumetric													-

Lookout Mountain
Residential Class

Meter Size	Billing Determinants - 2006												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	6,194	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	2,126	588	165	21,679
Next 450,000 Cubic Feet										343			343
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	13,128	11,923	12,715	18,104	17,784	30,010	34,663	33,917	28,765	22,830	15,372	13,461	250,672
Total Volumetric													-

R-RESIDENTIAL HIST

Lookout Mountain Residential Class		Billing Determinants - 2008													
		January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size															
	5/8"	1,668	1,668	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	5,688	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
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Lookout Mountain
Residential Class

R-RESIDENTIAL HIST

Billing Determinants - 2009

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	1,706	1,701	1,696	1,707	1,721	1,723	1,730	1,732	1,745	1,736	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	118	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	1,886	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	5,894	5,748	73,873
Next 6,100 Cubic Feet	8,577	6,123	5,545	7,446	9,667	16,960	22,687	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	14,717	12,036	11,262	13,445	17,320	26,356	34,094	27,204	23,703	14,450	13,417	13,485	221,491
Total Volumetric													-

Billing Determinants - 2010

	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Meter Size														
5/8"	1,720	1,718	1,716	1,730	1,733	1,734	1,728	1,737	1,741				15,558	20,756
3/4"	42	42	42	43	43	44	42	46	44				388	513
1"	111	115	113	114	117	119	118	122	120				1,049	1,403
1 1/2"	2	2	2	2	2	2	2	2	2				18	24
2"	2	2	2	2	2	2	2	2	2				18	25
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	6,889				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		56						37					93	93
Next 1,000,000 Cubic Feet													-	-
All Over 1,500,000 Cubic Feet	13,840	12,680	11,635	15,354	19,138	21,793	33,311	29,626	37,760	-	-	-	195,137	236,489
Total Volumetric													-	-

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

R-RESIDENTIAL HIST

	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Meter Size													
5/8"	2,719	2,779	2,745	2,760	2,766	2,820	2,831	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	2,835	2,848	2,756	2,704	2,751	2,740	33,039
Volumetric Rates													
First 400 Cubic Feet	9,216	9,261	8,985	8,951	9,015	9,285	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	86	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	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
Total Volumetric													-

Billing Determinants - 2004

	Billing Determinants - 2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	2,758	2,704	2,751	2,740	2,747	2,742	2,736	2,732	2,738	32,954
Volumetric Rates													
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	283	29	29	2,111
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	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
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
Lakeview

R-RESIDENTIAL HIST

Residential Class	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	2,730	2,719	2,739	2,730	2,744	2,744	2,744	2,736	2,737	2,737	2,734	2,735	32,805
Next 6,100 Cubic Feet	-	2	1	-	2	3	3	2	2	2	1	1	18
3/4"	-	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	2,750	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	8,196	9,238	9,174	9,155	8,905	8,957	108,914
Next 6,100 Cubic Feet	8,428	6,143	6,069	6,668	6,845	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	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	17,776	14,916	15,129	16,072	15,947	18,220	17,362	17,321	17,548	17,762	15,027	15,349	188,428

Lakeview

Residential Class	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	2,756	2,761	2,747	2,747	2,763	2,748	2,756	2,751	2,754	2,758	2,750	2,744	33,015
Next 6,100 Cubic Feet	1	1	1	1	1	1	1	1	1	1	1	1	12
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	2,741	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	9,281	9,154	9,344	9,184	9,150	8,902	8,920	9,039	108,532
Next 6,100 Cubic Feet	7,336	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	15	90	218	378	66	203	169	63	63	1,251
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	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

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

R-RESIDENTIAL HIST

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	2,766	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	6,894	5,522	5,543	6,062	6,464	9,556	8,355	7,078	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	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
Total Volumetric													-
Lakeview Residential Class													
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	15,608	14,440	14,409	15,861	14,549	17,172	17,557	17,573	17,482	15,697	15,679	16,158	192,183
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
Lakeview
Residential Class

R-RESIDENTIAL HIST

Billing Determinants - 2009

	January	February	March	April	May	June	July	August	September	October	November	December	Total
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	33,602
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	6,845	9,640	6,416	6,507	6,512	6,551	5,765	77,981
Next 43,500 Cubic Feet	143	430	38	30	125	6	34	36	5	5	274	51	1,172
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	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
Total Volumetric	-	-	-	-	-	-	-	-	-	-	-	-	-

Billing Determinants - 2010

	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Meter Size														
5/8"	2,776	2,781	2,757	2,768	2,759	2,771	2,772	2,777	2,759	-	-	-	24,917	33,249
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	3	3	3	3	3	3	3	3	3	-	-	-	27	37
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	33,288
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	106,822
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	76,719
Next 43,500 Cubic Feet	88	52	-	-	-	-	-	42	112	-	-	-	294	624
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	15,689	14,535	13,519	13,843	15,814	15,249	16,881	17,063	15,715	-	-	-	138,108	183,965
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
 Lone Oak
 Residential Class

R-RESIDENTIAL HIST

Billing Determinants - 2006											
Residential Class	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"								200	100	100	602
3/4"											-
1"											-
1 1/2"											-
2"											-
3"											-
4"											-
6"											-
8"											-
Total Meters	-	-	-	-	-	-	-	200	100	100	602
Volumetric Rates											
First 100 Cubic Feet								477	238	230	1,419
Next 100 Cubic Feet								725	330	256	1,993
In Excess of 200 Cubic Feet											-
Total Volumetric	-	-	-	-	-	-	-	1,202	568	486	3,412
Billing Determinants - 2007											
Residential Class	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	101	102	115	107	105	105	107	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	109	109	109	1,288
Volumetric Rates											
First 100 Cubic Feet	236	241	270	251	241	244	253	255	253	251	2,985
Next 100 Cubic Feet	263	283	720	373	395	488	443	457	535	542	5,201
In Excess of 200 Cubic Feet											-
Total Volumetric	499	524	990	824	636	732	696	712	788	793	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

Billing Determinants - 2008											
	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	110	111	112	110	110	110	110	111	114	115	1,346
3/4"											233
1"											-
1 1/2"											-
2"											-
3"											-
4"											-
6"											-
8"											-
Total Meters	110	111	112	110	110	110	110	111	114	115	1,346
Volumetric Rates											
First 100 Cubic Feet	255	251	253	242	248	259	259	259	252	248	503
Next 100 Cubic Feet	381	305	360	301	333	553	596	484	515	383	588
In Excess of 200 Cubic Feet											
Total Volumetric	636	556	613	543	581	812	855	723	777	631	1,091
											7,818
Billing Determinants - 2009											
	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	117	118	117	133	117	117	118	120	119	119	1,432
3/4"											-
1"											-
1 1/2"											-
2"											-
3"											-
4"											-
6"											-
8"											-
Total Meters	117	116	117	133	117	117	118	120	119	119	1,432
Volumetric Rates											
First 100 Cubic Feet	263	264	263	304	253	269	276	265	262	256	3,197
Next 100 Cubic Feet	381	404	274	419	376	406	476	395	316	242	4,280
In Excess of 200 Cubic Feet											-
Total Volumetric	644	668	537	723	629	675	752	660	578	498	7,477
											552

R-RESIDENTIAL HIST

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R-RESIDENTIAL HIST

Suck Creek Residential Class	Billing Determinants - 2005												
	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	-	2,145	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

R-RESIDENTIAL HIST

Billing Determinants - 2006

Suck Creek Residential Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	400	3	398	3	396	199	2	402	204	203	204	205	2,617
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	2	2	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

Billing Determinants - 2007

Suck Creek Residential Class	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	840	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

Billing Determinants - 2008	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
Meter Size													
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	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
Meter Size													
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"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
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	715	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
SUMMARY ATTRITION YEAR REVENUE COMPARATIVE

		Billing Determinants - 2010												R-RESIDENTIAL HIST	
Suck Creek		January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Residential Class															
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	188	225	204	-	-	-	1,741	2,007
Total Volumetric		1,256	1,186	1,111	1,164	1,706	1,503	1,403	1,590	1,407	-	-	-	12,328	15,687

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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/	\$ 11,456,567 A/	\$ (161,759)
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/	(382)
Suck Creek	1,486 A/	1,339 A/	147
Total Commercial	\$ 11,533,796	\$ 11,737,629	\$ (203,834)
Corrections and Allowances	416		416
Tolerance Factor	135		135
Total Net Commercial Revenues	\$ 11,534,347 B/	\$ 11,737,629	\$ (203,283)

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
 CONSUMER ADVOCATE & PROTECTION DIVISION
 COMMERCIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-COMM COMPARATIVE

		Chattanooga							
Meter Charges		Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast		
Meter Size									
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	17,341	524,047	11,391		
1 1/2"		60.47	4,283	258,993	4,494	271,755	(12,762)		
2"		96.74	12,802	1,238,465	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			98,198	\$ 3,014,171	98,198	\$ 3,040,268	\$ (26,097)		
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	258,594	\$ 51,977	\$ 1,238		
Next 6,100 Cubic Feet		3.187	1,214,027	3,869,104	1,191,516	3,797,361	71,743		
Next 43,500 Cubic Feet		2.003	1,574,929	3,154,583	1,632,457	3,269,831	(115,249)		
Next 450,000 Cubic Feet		1.497	794,410	1,189,232	858,736	1,285,528	(96,296)		
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	3,860,796	\$ 8,280,637	3,951,454	\$ 8,416,299	\$ (135,662)		
Total Commercial				\$ 11,294,808		\$ 11,456,567	\$ (161,759)		

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 TEN
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOG

R-COMM COMPARATIVE

Meter Charges	Lookout Mountain					
	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
Meter Size						
5/8"	\$12.14	638	\$ 7,745	621	\$ 7,536	\$ 209
3/4"	18.18	24	436	30	551	(114)
1"	30.22	240	7,253	254	7,679	(426)
1 1/2"	60.47	36	2,177	37	2,251	(74)
2"	96.74	95	9,190	103	9,954	(763)
3"	-	-	-	-	-	-
4"	-	-	-	-	-	-
6"	-	-	-	-	-	-
8"	-	-	-	-	-	-
Total		1,033	\$ 26,802	1,045	\$ 27,971	\$ (1,169)

Volumetric Rates	Lookout Mountain					
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
First 400 Cubic Feet	\$0.748	2,816	\$ 2,106	2,846	\$ 2,129	\$ (23)
Next 6,100 Cubic Feet	4.105	15,576	63,939	18,023	73,985	(10,045)
Next 43,500 Cubic Feet	2.921	14,231	41,569	19,330	56,462	(14,893)
Next 450,000 Cubic Feet	2.042	5,221	10,661	15,044	30,720	(20,058)
Next 1,000,000 Cubic Feet	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-
Total		37,844	\$ 118,276	55,243	\$ 163,296	\$ (45,020)
Total Commercial			\$ 145,078		\$ 191,266	\$ (46,189)

A/ TAWC Exhibit No. 4, Schedule 2, Page 4 of 13, Lines 36 and 45.

B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TEN
CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOC

R-COMM COMPARATIVE

Meter Charges	Meter Size	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"	\$ 12.14	1,641	\$ 19,922	1,639	\$ 19,895	\$ 26
	3/4"	18.18	-	-	-	-	-
	1"	30.22	234	7,071	213	6,437	635
	1 1/2"	60.47	-	-	-	-	-
	2"	96.74	84	8,126	84	8,126	-
	3"	-	-	-	-	-	-
	4"	-	-	-	-	-	-
	6"	-	-	-	-	-	-
	8"	-	-	-	-	-	-
	Total		1,959	\$ 35,119	1,936	\$ 34,458	\$ 661
Volumetric Rates							
	First 400 Cubic Feet	\$ 0.369	5,034	\$ 1,858	4,831	\$ 1,783	\$ 75
	Next 6,100 Cubic Feet	3.512	11,542	40,536	11,951	41,972	(1,436)
	Next 43,500 Cubic Feet	2.328	6,164	14,350	6,827	15,894	(1,544)
	Next 450,000 Cubic Feet	1.664	-	-	240	399	(399)
	Next 1,000,000 Cubic Feet	-	-	-	-	-	-
	All Over 1,500,000 Cubic Feet	-	-	-	-	-	-
	Total		22,740	\$ 56,743	23,849	\$ 60,048	\$ (3,305)
	Total Commercial			\$ 91,862		\$ 94,506	\$ (2,644)

A/ TAWC Exhibit No. 4, Schedule 2, Page 5 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		Lone Oak					
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"	\$ 32.56	17	\$ 554	29	\$ 944	\$ (391)	
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	\$ (391)	
Volumetric Rates		TAWC Over (Under) CAPD Revenue Forecast					
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast	
First 100 Cubic Feet	\$ -	11	\$ -	19	\$ -	- 8	
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	\$ -	- 8	
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

CONSUMER ADVOCATE & PROTECTION DIVISION
COMMERCIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCI

R-COMM COMPARATIVE

Meter Charges		Suck Creek				TAWC Over			
Meter Size	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	CAPD Revenue Forecast	(Under) Revenue Forecast	CAPD Revenue Forecast	(Under) Revenue Forecast
5/8"	\$ 23.70	49	\$ 1,161	48	\$ 1,138	\$ 1,138	\$ 24		
3/4"	23.70	-	-	-	-	-	-		
1"	23.70	-	-	-	-	-	-		
1 1/2"	23.70	-	-	-	-	-	-		
2"	23.70	-	-	-	-	-	-		
3"	23.70	-	-	-	-	-	-		
4"	23.70	-	-	-	-	-	-		
6"	23.70	-	-	-	-	-	-		
8"	23.70	-	-	-	-	-	-		
Total		49	\$ 1,161	48	\$ 1,138	\$ 1,138	\$ 24		
Volumetric Rates		Suck Creek				TAWC Over			
	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	CAPD Revenue Forecast	(Under) Revenue Forecast	CAPD Revenue Forecast	(Under) Revenue Forecast
First 100 Cubic Feet	\$ -	39	\$ -	27	\$ -	\$ -	-		
Over 100 Cubic Feet	3,423	58	199	23	78	78	121		
	2,567	49	126	48	124	124	2		
First 400 Cubic Feet	-	-	-	-	-	-	-		
Next 6,100 Cubic Feet	-	-	-	-	-	-	-		
Next 43,500 Cubic Feet	-	-	-	-	-	-	-		
Total		146	\$ 324	98	\$ 202	\$ 202	\$ 123		
Total Commercial			\$ 1,486		\$ 1,339	\$ 1,339	\$ 146		

A/ TAWC Exhibit No. 4, Schedule 2, Page 5 of 13, Lines 15 and 26.

B/ CAPD Work Paper, R-COMMERCIAL TREND

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE & PROTECTIVE DIVISION
 COMMERCIAL BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

12/31/2011

Meter Size	Chattanooga									B/ TAWC	
	A/	A/	A/	A/	A/	A/	A/	A/	A/		
	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"	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		17,716
	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		289
	6"	116	113	121	128	144	144	150	159		144
	8"	12	12	11	12	19	24	24	26		24
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	273,198	272,171	269,357	273,235	268,660	261,732	258,654	258,594	264,752		
Next 6,100 Cubic Feet	1,246,725	1,239,236	1,234,909	1,276,827	1,249,425	1,188,680	1,184,138	1,191,516	1,214,027		
Next 43,500 Cubic Feet	1,636,371	1,667,429	1,686,825	1,758,912	1,720,199	1,591,674	1,597,510	1,632,467	1,574,929		
Next 450,000 Cubic Feet	826,755	827,329	805,135	880,755	907,928	804,550	843,789	858,736	794,410		
Next 1,000,000 Cubic Feet	123,577	129,573	75,468	55,543	18,670	7,780	10,141	10,141	12,678		
All Over 1,500,000 Cubic Feet	(38,313)	75,700	46,861	-	-	-	-	-	-		
Total Volumetric	4,068,315	4,211,438	4,118,556	4,245,272	4,164,861	3,854,415	3,894,232	3,951,454	3,860,796		

Volumetric Rates

First 400 Cubic Feet	273,198	272,171	269,357	273,235	268,660	261,732	258,654	258,594	264,752
Next 6,100 Cubic Feet	1,246,725	1,239,236	1,234,909	1,276,827	1,249,425	1,188,680	1,184,138	1,191,516	1,214,027
Next 43,500 Cubic Feet	1,636,371	1,667,429	1,686,825	1,758,912	1,720,199	1,591,674	1,597,510	1,632,467	1,574,929
Next 450,000 Cubic Feet	826,755	827,329	805,135	880,755	907,928	804,550	843,789	858,736	794,410
Next 1,000,000 Cubic Feet	123,577	129,573	75,468	55,543	18,670	7,780	10,141	10,141	12,678
All Over 1,500,000 Cubic Feet	(38,313)	75,700	46,861	-	-	-	-	-	-
Total Volumetric	4,068,315	4,211,438	4,118,556	4,245,272	4,164,881	3,854,415	3,894,232	3,951,454	3,860,796

A/ CAPD Work Papers R-COMERCIAL HIST, 9/30/10 normalized per TAWC response to Consumer Advocate DR #12 (exclusive of WNA).
 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									
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"	700	724	766	692	677	646	624	621	638
3/4"	6	20	24	24	24	24	24	30	24
1"	242	231	229	234	227	229	221	220	240
1 1/2"	36	36	33	36	36	36	38	37	36
2"	82	87	78	95	98	95	96	102	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 & PROTECTIVE DIVISION
 COMMERCIAL BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-COMMERCIAL TREND

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"	1,957	1,833	1,839	1,707	1,676	1,231	1,639	1,347	1,641
3/4"	-	-	-	-	-	-	-	-	-
1"	218	216	228	229	222	162	213	193	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	1,936	1,624	1,959
Volumetric Rates									
First 400 Cubic Feet	6,207	5,650	5,455	5,350	5,216	3,733	4,831	3,974	5,034
Next 6,100 Cubic Feet	17,322	16,414	15,068	13,817	12,385	8,446	11,951	8,413	11,542
Next 43,500 Cubic Feet	10,616	7,296	7,917	7,954	6,661	5,021	6,827	4,884	6,164
Next 450,000 Cubic Feet	134	84	228	167	157	-	240	153	-
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	23,849	17,423	22,740

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	Lone Oak								
	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	
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

12/31/2011																	
Suck Creek																	
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/	
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											
	August	September	October	November	December	January	February	March	April	May	June	July
Meter Size												
5/8"	5,450	5,418	6,010	5,049	5,655	5,773	5,076	5,930	5,341	5,027	5,610	5,099
3/4"	107	103	124	99	121	122	98	119	112	103	120	102
1"	1,257	1,334	1,334	1,190	1,315	1,296	1,203	1,276	1,249	1,229	1,316	1,258
1 1/2"	294	300	323	272	320	316	294	307	303	298	315	298
2"	982	987	1,025	888	1,018	999	1,053	991	975	942	1,009	956
3"	37	40	40	39	37	37	37	37	38	43	43	44
4"	16	17	17	15	16	21	23	17	20	17	19	16
6"	5	6	10	4	9	8	9	9	10	10	11	9
8"					0		2	1	1	1	1	1
Total Meters	8,090	8,127	8,883	7,556	8,490	8,573	7,786	8,387	8,049	7,869	8,445	7,786

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
Next 6,100 Cubic Feet	108,300	109,627	115,888	94,506	103,115	99,330	89,760	99,448	100,367	99,890	114,424	107,354
Next 43,500 Cubic Feet	151,719	150,423	152,487	116,725	132,286	131,168	115,707	130,659	133,382	129,346	153,938	143,901
Next 450,000 Cubic Feet	78,821	79,608	70,503	52,927	58,425	76,183	49,334	61,857	82,366	64,257	77,080	78,159
Next 1,000,000 Cubic Feet	857					37,416	(5,333)	10,000	10,000	17,052	2,948	10,109
All Over 1,500,000 Cubic Feet	356,679	363,919	363,671	285,462	317,408	37,095	(27,731)	2,862	3,494	190	4,402	4,490
Total Volumetric						404,305	242,722	327,564	332,242	332,719	377,327	366,373

Chattanooga Commercial Class	Billing Determinants - 2004											
	January	February	March	April	May	June	July	August	September	October	November	December
Meter Size												
5/8"	5,773	5,076	5,630	5,341	5,027	5,610	5,099	5,348	5,344	5,316	5,173	5,319
3/4"	122	98	119	112	103	120	102	110	109	110	108	110
1"	1,298	1,203	1,276	1,249	1,229	1,316	1,258	1,293	1,302	1,289	1,277	1,285
1 1/2"	318	294	307	303	298	315	298	305	304	303	297	303
2"	999	1,053	991	975	942	1,009	956	984	983	998	983	1,008
3"	37	37	37	38	43	43	44	44	44	44	49	48
4"	21	23	17	20	17	18	18	18	19	15	23	20
6"	8	9	9	10	10	11	9	9	10	10	9	12
8"		2	1	1	1	1	1	1	1	1	2	1
Total Meters	8,573	7,796	8,367	8,049	7,669	8,445	7,786	8,112	8,116	8,086	7,921	8,106

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
Next 6,100 Cubic Feet	99,330	89,760	99,448	100,367	99,890	114,424	107,354	113,991	112,188	107,358	102,998	99,940
Next 43,500 Cubic Feet	131,168	115,707	130,659	133,382	129,346	153,938	143,901	154,518	147,527	138,989	130,475	125,763
Next 450,000 Cubic Feet	76,183	49,334	61,857	82,366	64,257	77,080	78,159	85,253	83,012	62,659	68,365	58,251
Next 1,000,000 Cubic Feet	37,416	(5,333)	10,000	10,000	17,052	2,948	10,109	10,588	12,467	18,300	10,360	123,577
All Over 1,500,000 Cubic Feet	37,095	(27,731)	2,862	3,494	190	4,402	4,490	4,436	3,314	331,757	352,987	(81,024)
Total Volumetric						377,327	366,373	392,303	381,945	331,757	352,987	226,070

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

R-COMMERCIAL HIST

Commercial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
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	1,341	1,326	1,341	1,296	1,330	15,867
1 1/2"	327	295	319	300	303	319	295	318	315	318	310	326	3,746
2"	1,042	973	1,028	985	995	1,035	963	1,043	1,016	1,042	1,005	1,035	12,161
3"	38	37	33	39	41	36	36	39	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	7,688	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	95,875	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	145,185	154,786	156,211	147,522	137,377	127,802	1,867,429
Next 450,000 Cubic Feet	89,785	83,950	86,705	84,074	82,148	89,861	83,180	85,546	81,938	80,574	87,784	80,986	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	10,544	129,573
All Over 1,500,000 Cubic Feet	3,346	4,368	2,246	7,445	6,446	5,236	8,226	6,519	7,200	8,859	8,264	8,547	75,700
Total Volumetric	348,756	311,186	315,879	330,527	328,735	374,713	372,465	383,051	394,677	373,129	349,962	330,238	4,211,438

Chattanooga
Commercial Class

Commercial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	5,529	4,960	5,765	4,598	5,663	5,238	5,008	5,901	5,038	5,461	5,139	13,153	71,353
3/4"	138	113	138	103	140	121	112	139	119	127	123	117	1,490
1"	1,351	1,274	1,403	1,192	1,372	1,319	1,289	1,455	1,274	1,383	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	46	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	25,069	22,005	23,654	21,535	21,749	289,357
Next 6,100 Cubic Feet	98,325	85,536	100,909	88,645	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	129,373	1,686,825
Next 450,000 Cubic Feet	64,596	54,647	63,244	53,133	69,625	74,512	75,797	81,935	72,632	79,503	57,297	58,115	805,135
Next 1,000,000 Cubic Feet	9,053	6,702	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	387,805	412,453	351,285	375,623	306,540	307,805	4,118,556
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

R-COMMERCIAL HIST

Commercial Class	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	18	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	104,764	98,827	1,276,827
Next 43,500 Cubic Feet	137,981	112,580	130,493	127,411	142,991	166,758	169,549	165,770	167,207	168,408	140,881	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	94,538	85,322	71,034	73,887	880,755
Next 1,000,000 Cubic Feet	8,074	1,527	5,311	5,042	5,576	5,383	5,248	3,008	4,001	4,915	2,242	4,214	55,543
All Over 1,500,000 Cubic Feet	342,417	265,782	316,285	310,419	348,210	395,759	396,104	396,565	398,867	404,196	340,858	327,800	4,245,271
Total Volumetric													

Chattanooga
Commercial Class

Chattanooga Commercial Class	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	5,889	5,165	4,452	5,624	4,750	5,098	5,334	5,168	4,981	5,858	4,281	5,658	62,258
3/4"	150	137	126	143	129	133	138	134	127	154	115	149	1,636
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	16,958
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	496
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	22,861	22,502	25,754	19,119	23,833	288,660
Next 6,100 Cubic Feet	101,428	91,768	86,177	99,394	96,188	109,876	119,899	112,630	114,855	122,297	90,463	104,750	1,249,425
Next 43,500 Cubic Feet	133,545	121,203	117,893	136,150	128,607	153,909	180,630	163,062	170,595	162,203	116,105	136,098	1,720,198
Next 450,000 Cubic Feet	71,082	63,001	62,969	70,790	70,720	75,475	96,873	90,333	98,572	77,886	65,155	66,273	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	4,164,881
Total Volumetric													

TENNESSEE AMERICAN WATER COMPANY
TRA DOCKET #10-00189
COMMERCIAL BILLING DETERMINANTS HISTORY

R-COMMERCIAL HIST

	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
Rates	5,098	4,831	5,686	4,718	4,820	5,344	5,076	5,350	4,768	-	-	-	45,690	61,071
	137	123	152	128	121	144	132	139	125	-	-	-	1,199	1,604
	1,394	1,312	1,514	1,341	1,323	1,496	1,412	1,470	1,372	-	-	-	12,633	16,830
	355	339	374	346	343	371	355	361	349	-	-	-	3,191	4,259
	1,058	1,013	1,110	1,039	1,015	1,096	1,015	1,077	1,044	-	-	-	9,511	12,708
	35	33	31	31	35	36	34	36	39	-	-	-	309	429
	24	24	24	24	24	25	25	25	25	-	-	-	220	292
	12	12	12	12	14	13	13	13	13	-	-	-	114	150
	2	2	2	2	2	2	2	2	2	-	-	-	18	24
	8,115	7,688	8,905	7,640	7,696	8,526	8,108	8,473	7,736	-	-	-	72,887	97,368
	20,562	19,298	22,538	20,307	20,649	23,070	22,305	23,191	21,674	-	-	-	193,593	258,654
	90,337	81,810	94,685	91,892	94,403	109,399	109,880	112,697	111,137	-	-	-	896,240	1,184,138
	122,549	109,913	118,874	128,567	125,351	145,068	156,107	159,202	160,041	-	-	-	1,225,672	1,597,510
	62,953	56,914	55,517	70,584	67,640	71,881	88,287	83,613	93,258	-	-	-	650,647	843,789
	434	3,993	576	-	-	-	832	1,168	3,074	-	-	-	10,077	10,141
	296,836	271,928	292,190	311,350	308,042	349,418	377,410	379,871	389,184	-	-	-	2,976,229	3,894,232

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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

	Billing Determinants - July 2004											
	August	September	October	November	December	January	February	March	April	May	June	July
Meter Size												
5/8"	50	71	67	1	110	58	55	55	55	54	55	56
3/4"	1	1	1	-	2	-	-	-	-	-	0	1
1"	22	21	23	-	44	20	17	19	19	22	22	22
1 1/2"	3	3	3	-	6	3	3	3	3	3	3	3
2"	8	8	9	1	14	8	6	6	6	6	7	7
3"												
4"												
6"												
8"												
Total Meters	84	104	103	2	175	86	81	81	83	85	87	89
Volumetric Rates												
First 400 Cubic Feet	284	331	309	3	478	231	214	233	261	276	281	291
Next 6,100 Cubic Feet	1,689	1,756	1,727	6	2,107	857	782	897	1,156	1,400	1,607	1,863
Next 43,500 Cubic Feet	1,214	1,376	1,386		1,824	265	149	250	655	1,079	1,504	1,418
Next 450,000 Cubic Feet	319	5	175							37		536
Next 1,000,000 Cubic Feet												
All Over 1,500,000 Cubic Feet	3,506	3,469	3,422	9	4,583	1,353	1,145	1,380	2,072	2,755	3,429	3,372
Total Volumetric												30,495

Lookout Mountain
 Commercial Class

	Billing Determinants - 2004											
	January	February	March	April	May	June	July	August	September	October	November	December
Meter Size												
5/8"	58	55	55	55	54	55	56	66	62	62	41	81
3/4"	-	-	-	-	-	0	1	1	1	1	1	1
1"	20	17	17	19	22	22	22	22	22	22	19	18
1 1/2"	3	3	3	3	3	3	3	3	3	3	2	4
2"	6	6	6	6	6	7	7	7	8	8	7	8
3"												
4"												
6"												
8"												
Total Meters	86	81	81	83	85	87	89	99	96	96	70	112
Volumetric Rates												
First 400 Cubic Feet	231	214	233	261	276	281	291	303	297	279	197	278
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
Next 43,500 Cubic Feet	265	149	250	655	1,079	1,504	1,418	1,795	1,303	797	596	440
Next 450,000 Cubic Feet						37						37
Next 1,000,000 Cubic Feet												
All Over 1,500,000 Cubic Feet	1,353	1,145	1,380	2,072	2,755	3,429	3,372	4,005	3,362	2,475	1,701	1,967
Total Volumetric												29,016

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

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	60	59	58	58	59	59	60	65	60	60	55	55	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	1,138	1,641	1,803	1,664	1,899	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													-

Lookout Mountain
Commercial Class

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
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	19	16	229
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	33
2"	6	6	6	6	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	638	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	2,805	4,144	7,639	8,517	5,387	3,730	2,164	1,895	42,608
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

		Billing Determinants - 2007													
		January	February	March	April	May	June	July	August	September	October	November	December	Total	
Meter Size															
5/8"	58	57	56	56	64	56	60	58	58	57	58	58	54	692	
3/4"	2	2	2	2	2	1	3	2	2	2	2	2	2	24	
1"	16	16	16	17	22	22	22	22	22	22	22	20	17	234	
1 1/2"	3	3	3	3	3	3	3	3	3	3	3	3	3	36	
2"	6	6	6	7	9	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	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	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	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														-	
Total Volumetric	1,520	1,185	1,420	3,033	5,463	12,836	7,652	8,129	9,173	6,134	3,286	1,791	1,791	61,602	

Lookout Mountain Commercial Class		Billing Determinants - 2008												Total	
		January	February	March	April	May	June	July	August	September	October	November	December		
Meter Size															
5/8"	56	55	58	56	56	55	55	55	55	56	56	67	54	677	
3/4"	2	2	2	2	2	2	2	2	2	2	2	2	2	24	
1"	17	17	17	17	18	22	22	22	21	21	21	18	16	227	
1 1/2"	3	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	9	7	98	
3"														-	
4"														-	
6"														-	
8"														-	
Total Meters	85	84	85	86	88	91	91	91	89	92	91	99	82	1,062	
Volumetric Rates															
First 400 Cubic Feet	201	217	211	240	254	299	299	300	270	283	273	282	188	3,018	
Next 6,100 Cubic Feet	925	917	861	1,184	1,322	1,882	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	2,282	2,282	3,357	2,619	3,386	2,280	744	513	18,368	
Next 450,000 Cubic Feet						2,184	2,184	5,203	2,869	668	966			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	6,647	12,088	7,753	6,590	5,480	2,217	1,568	51,853	
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

	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	53	53	52	53	54	54	55	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	27	21	20	21	21	21	18	18	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"	81	81	79	81	93	88	90	91	91	90	85	80	1,030
Total Meters													
Volumetric Rates													
First 400 Cubic Feet	171	187	186	201	236	280	291	287	287	238	211	195	2,771
Next 6,100 Cubic Feet	836	765	957	1,079	1,130	1,820	2,192	1,928	1,819	884	988	986	15,405
Next 43,500 Cubic Feet	487	240	364	663	950	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	1,983	2,216	4,021	9,624	5,141	4,676	1,604	1,950	1,905	37,313
Total Volumetric													

Lookout Mountain
 Commercial Class

	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
Meter Size														
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"	18	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	8	-	-	-	70	96
3"													-	-
4"													-	-
6"													-	-
8"													-	-
Total Meters	78	78	78	77	83	87	87	91	89	-	-	-	748	1,003
Volumetric Rates														
First 400 Cubic Feet	183	171	195	212	242	256	278	283	288	-	-	-	2,118	2,760
Next 6,100 Cubic Feet	656	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	2,488	2,914	3,002	2,724	-	-	-	14,642	16,577
Next 450,000 Cubic Feet						759	3,926	2,345	4,955	-	-	-	11,985	11,986
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														

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

Billing Determinants - July 2004											
Commercial Class	August	September	October	November	December	January	February	March	April	May	Total
Meter Size											
5/8"	166	164	166	165	166	167	154	174	167	163	1,982
3/4"	-	-	-	-	-	-	-	-	-	-	-
1"	18	18	18	18	17	19	17	19	18	18	217
1 1/2"	-	-	-	-	-	-	-	-	-	-	-
2"	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	2,306
Volumetric Rates											
First 400 Cubic Feet	547	549	537	545	536	566	493	528	531	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	1,509	17,854
Next 43,500 Cubic Feet	2,043	1,180	669	660	600	616	493	561	827	1,119	11,637
Next 450,000 Cubic Feet	1,832	-	-	-	-	-	-	-	-	52	1,941
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	8,181	3,291	2,504	2,653	2,558	2,916	2,286	2,591	2,874	3,048	37,823
Total Volumetric											

Billing Determinants - 2004											
Commercial Class	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	167	154	174	167	163	165	164	184	161	158	1,957
3/4"	-	-	-	-	-	-	-	-	-	-	-
1"	19	17	19	18	18	18	18	18	18	18	218
1 1/2"	-	-	-	-	-	-	-	-	-	-	-
2"	9	9	9	9	9	9	9	9	9	9	106
3"	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-
Total Meters	195	180	202	194	190	193	191	191	188	185	2,281
Volumetric Rates											
First 400 Cubic Feet	566	493	528	531	521	517	521	541	505	501	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	17,322
Next 43,500 Cubic Feet	616	493	561	827	1,119	1,357	1,513	1,428	988	961	10,516
Next 450,000 Cubic Feet	-	-	-	-	-	62	47	25	-	-	134
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	2,916	2,286	2,591	2,874	3,048	3,445	3,476	3,499	2,891	2,889	34,279
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
 Lakeview

R-COMMERCIAL HIST

Commercial Class	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	455	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	2,413	2,230	1,969	2,082	2,407	2,832	2,965	3,273	2,602	2,662	2,098	1,811	29,444
Total Volumetric													

Commercial Class	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
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	96
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	1,354	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	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
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
Lakeview
Commercial Class

R-COMMERCIAL HIST

Commercial Class	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	1,182	1,163	1,008	1,162	13,817
Next 43,500 Cubic Feet	222	720	398	356	431	1,193	918	1,101	1,222	753	288	353	7,954
Next 450,000 Cubic Feet	-	-	-	-	-	-	97	70	-	-	-	-	167
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	1,786	2,360	1,985	1,835	2,035	2,938	2,608	2,771	2,869	2,373	1,741	1,987	27,288
Total Volumetric	-	-	-	-	-	-	-	-	-	-	-	-	-

Lakeview Commercial Class	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
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	218	294	6,661
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	157	-	-	-	-	157
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	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
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

R-COMMERCIAL HIST

Commercial Class	Billing Determinants - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	83
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	163	165	162	161	160	160	161	162	162	162	162	162	1,458
Volumetric Rates													
First 400 Cubic Feet	417	426	416	405	434	399	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	561	191	100	128	625	866	1,228	919	585	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	1,852	2,097	1,863	1,456	17,200

Lakeview

Commercial Class	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		
Meter Size														
5/8"	138	140	138	137	133	137	133	136	137	-	-	-	1,228	1,839
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	18	18	16	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	161	165	163	162	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	846	1,031	1,043	1,080	1,154	1,086	-	-	-	9,202	11,976
Next 43,500 Cubic Feet	333	276	223	157	476	876	982	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

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

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

R-COMMERCIAL HIST

Commercial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
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	January	February	March	April	May	June	July	August	September	October	November	December	Total
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
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"	2	2	2	3	3	3	3	3	3	-	-	-	24	29
Total Meters														
Volumetric Rates														
First 100 Cubic Feet	3	-	2	2	-	2	2	1	1	-	-	-	13	16
Next 100 Cubic Feet	2												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

Suck Creek Commercial Class	Billing Determinants - 2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
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													
Next 100 Cubic Feet									1	1	2	1	5
In Excess of 200 Cubic Feet													-
Total Volumetric	-	-	-	-	-	-	-	-	1	1	2	1	5
Suck Creek Commercial Class	January	February	March	April	May	Billing Determinants - 2005		August	September	October	November	December	Total

Suck Creek

Commercial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
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

R-COMMERCIAL HIST

Commercial Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
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"													-
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	January	February	March	April	May	June	July	August	September	October	November	December	Total
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	4	5	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											
Commercial Class	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	4	4	4	4	4	4	4	4	4	4	48
3/4"											-
1"											-
1 1/2"											-
2"											-
3"											-
4"											-
6"											-
8"											-
Total Meters	4	4	4	4	4	4	4	4	4	4	48
Volumetric Rates											
First 100 Cubic Feet	3	4	3	3	4	4	2	3	1	3	33
Next 100 Cubic Feet	1	4	2	1	-	-	-	-	-	-	16
In Excess of 200 Cubic Feet											-
Total Volumetric	4	8	5	4	4	4	2	3	1	1	49
Billing Determinants - 2009											
Commercial Class	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	4	4	4	5	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	49
Volumetric Rates											
First 100 Cubic Feet	2	4	4	3	4	4	6	2	2	3	41
Next 100 Cubic Feet	5	7	4	4	4	4	20	-	-	-	61
In Excess of 200 Cubic Feet											-
Total Volumetric	7	11	8	7	8	8	26	2	2	3	103

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
 CONSUMER ADVOCATE & PROTECTIVE DIVISION
 COMMERCIAL BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-COMMERCIAL TREND

Suck Creek																	
	12/31/2011	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/	12/31/2010	12/31/2011	B/ TAWC
Meter Size			16		36		30		44		48		49		48		49
5/8"																	
3/4"																	
1"																	
1 1/2"							9										
2"																	
3"																	
4"																	
6"																	
8"																	
Total Meters		16		36		39		44		48		49		48		49	
Volumetric Rates																	
First 100 Cubic Feet		5		23		34		38		33		41		27		39	
Next 100 Cubic Feet				44		51		41		16		61		23		58	
In Excess of 200 Cubic Feet				2		20								48		49	
Total Volumetric		5		69		105		79		49		103		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
 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 #10-007189

R-IND COMPARATIVE

Meter Charges		Chattanooga					TAWC Over (Under) CAPD Revenue Forecast				
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	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							TAWC Over (Under) CAPD Revenue Forecast				
	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	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		2,563,248	\$ 3,194,464	2,662,922	\$ 3,310,164	\$ (115,700)					
Total Industrial			\$ 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 R-INDUSTRIAL TREND
TREND ANALYSIS

Chattanooga									
	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
Meter Size									
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									
Cubic Feet	5,838	5,663	5,588	5,400	5,332	5,073	4,927	4,927	4,987
00 Cubic Feet	59,048	56,337	56,123	54,943	54,268	50,073	49,783	49,783	48,999
500 Cubic Feet	260,422	254,468	255,560	250,126	235,631	223,316	230,927	230,927	220,492
0,000 Cubic Feet	1,012,009	1,000,627	1,021,497	1,036,716	984,772	865,244	872,926	872,926	856,123
00,000 Cubic Feet	794,066	791,350	873,991	907,244	884,704	696,181	729,312	729,312	691,165
1,500,000 Cubic Feet	551,378	869,307	1,065,096	976,976	815,058	646,326	775,046	775,046	741,482
1,000,000 Cubic Feet	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

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 - July 2004												Total
Meter Size		August	September	October	November	December	January	February	March	April	May	June	July	
5/8"	28	28	28	29	25	27	37	24	33	23	16	27	21	317
3/4"	3	3	3	4	1	4	5	2	4	3	1	4	2	38
1"	27	27	26	31	30	28	37	28	32	27	21	31	27	344
1 1/2"	5	5	5	6	4	6	9	4	8	6	3	8	4	68
2"	81	81	89	100	83	97	148	87	102	89	43	95	88	1,103
3"	-	-	-	-	-	-	-	-	-	-	1	-	-	1
4"	22	22	32	28	26	24	37	25	28	22	12	25	25	307
6"	5	5	5	5	5	5	10	5	5	5	5	5	5	60
8"	170	188	188	203	174	192	283	174	212	174	97	195	172	2,235
Total Meters														
Volumetric Rates														
First 400 Cubic Feet	486	490	490	535	440	508	717	440	563	460	276	529	444	5,887
Next 6,100 Cubic Feet	4,375	4,959	4,959	5,363	4,261	4,959	7,318	4,378	5,456	4,652	2,495	5,562	4,455	58,833
Next 43,500 Cubic Feet	23,379	22,121	23,227	23,227	18,557	22,178	32,885	19,053	23,228	20,916	9,403	24,445	21,176	280,670
Next 450,000 Cubic Feet	96,486	89,167	89,167	89,125	83,278	82,377	124,607	80,048	83,278	82,528	38,282	91,746	89,462	1,030,392
Next 1,000,000 Cubic Feet	91,581	81,226	81,226	75,972	73,780	57,917	101,308	58,428	64,329	63,537	17,850	72,209	75,894	835,032
All Over 1,500,000 Cubic Feet	55,987	67,335	38,421	42,226	33,434	57,917	324,752	39,408	38,043	43,267	7,014	54,988	44,733	522,663
Total Volumetric	272,904	265,298	232,643	222,643	201,371	324,752	202,765	214,896	214,896	215,360	75,330	249,459	236,165	2,713,476

Chattanooga Industrial Class		Billing Determinants - 2004												Total
Meter Size		January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	37	24	33	33	23	16	27	21	24	24	24	24	24	301
3/4"	5	2	4	4	3	1	4	2	3	3	3	3	3	36
1"	37	28	32	32	27	21	31	27	29	29	28	29	30	348
1 1/2"	9	4	8	8	6	3	8	4	6	6	6	6	6	72
2"	148	87	102	89	89	43	95	88	91	83	101	87	94	1,108
3"	-	-	-	-	-	1	-	-	-	-	-	-	-	1
4"	37	25	28	22	22	12	25	25	25	24	26	25	25	299
6"	10	5	5	5	5	5	5	5	5	2	8	3	7	60
8"	283	174	212	174	174	97	195	172	183	171	196	177	189	2,225
Total Meters														
Volumetric Rates														
First 400 Cubic Feet	717	440	563	460	460	276	529	444	485	472	489	461	502	5,838
Next 6,100 Cubic Feet	7,318	4,378	5,456	4,652	4,652	2,495	5,562	4,455	4,967	4,767	5,176	4,746	5,078	58,048
Next 43,500 Cubic Feet	32,885	19,053	23,229	20,918	18,557	22,178	32,885	19,053	23,229	20,914	9,403	24,445	22,389	280,422
Next 450,000 Cubic Feet	124,607	80,048	83,276	82,528	82,377	82,377	124,607	89,462	88,306	75,981	95,783	75,153	86,227	1,012,009
Next 1,000,000 Cubic Feet	101,308	58,428	64,329	63,537	57,917	17,850	72,209	75,894	72,804	50,153	93,989	52,232	70,523	794,066
All Over 1,500,000 Cubic Feet	57,917	39,408	38,043	43,267	33,434	7,014	324,752	44,733	59,684	48,851	67,834	33,288	56,371	551,378
Total Volumetric	324,752	202,755	214,896	215,360	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

Billing Determinants - 2006											
	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	27	20	25	19	22	26	22	23	23	23	276
3/4"	4	2	4	2	3	3	3	3	3	2	34
1"	30	27	31	26	27	29	25	27	28	26	329
1 1/2"	8	5	5	5	7	9	5	7	7	7	83
2"	94	82	95	82	88	93	82	89	89	88	1,059
3"	-	-	1	1	-	-	-	-	-	-	2
4"	24	26	25	25	24	24	24	24	24	25	292
6"	5	5	5	5	5	5	5	5	5	5	59
8"	-	-	-	-	-	-	-	-	-	-	-
Total Meters	193	165	194	164	176	189	166	181	179	173	2,133

Volumetric Rates

First 400 Cubic Feet	502	431	523	428	458	524	441	480	475	466	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	4,895	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	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	88,387	89,466	82,902	1,000,827
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	73,049	791,350
All Over 1,500,000 Cubic Feet	38,680	43,764	35,350	59,488	61,538	79,103	86,838	64,723	87,534	81,608	171,262	869,307
Total Volumetric	202,815	205,820	203,557	224,324	237,348	268,773	269,352	252,357	275,862	267,715	355,433	2,977,752

Chattanooga
 Industrial Class

Billing Determinants - 2006											
	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	26	20	27	20	28	24	21	28	23	25	283
3/4"	2	2	2	2	2	2	2	2	2	2	23
1"	28	24	29	23	29	26	24	30	24	26	304
1 1/2"	9	5	9	5	10	7	5	9	7	7	84
2"	94	82	96	77	97	88	83	95	85	88	1,013
3"	-	-	-	-	-	-	-	-	-	-	-
4"	22	24	24	22	23	23	25	26	24	26	276
6"	5	5	5	5	5	5	5	5	5	5	63
8"	-	-	-	-	-	-	-	-	-	-	-
Total Meters	187	162	192	154	195	175	165	195	170	179	2,046

Volumetric Rates

First 400 Cubic Feet	506	418	516	399	522	470	426	532	448	468	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	4,589	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	20,157	255,560
Next 450,000 Cubic Feet	81,488	75,854	80,232	74,899	82,209	84,074	86,418	101,012	93,747	89,766	89,151	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	873,981
All Over 1,500,000 Cubic Feet	76,829	47,620	56,104	55,164	67,846	130,996	118,767	136,927	124,800	110,948	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	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"	-	-	-	-	-	-	-	-	-	-	-	-	-
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	4,697	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	80,432	80,432	1,036,716
Next 1,000,000 Cubic Feet	75,198	75,296	77,583	68,250	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	59,997	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

Chattanooga
 Industrial Class

Meter Size	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
5/8"	30	23	18	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	6	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	4,166	4,908	4,214	4,477	4,562	4,587	4,662	4,962	3,893	4,618	54,266
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	235,631
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	69,890	57,890	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	67,518	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	2,879,765

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

Billing Determinants - 2009

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
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	22	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	158	151	163	1,938

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	3,679	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	17,896	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	72,186	67,098	72,031	75,331	73,423	77,551	73,004	71,204	68,921	865,244
Next 1,000,000 Cubic Feet	55,317	65,906	52,790	57,854	52,544	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	78,208	68,773	59,562	62,446	51,070	646,326
Total Volumetric	112,098	213,042	200,514	215,134	197,502	219,727	236,824	231,831	233,242	213,932	216,694	195,873	2,486,213

Billing Determinants - 2010

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
5/8"	22	21	27	18	21	23	22	26	18	-	-	-	198
3/4"	2	2	3	1	2	2	2	3	1	-	-	-	24
1"	23	21	25	20	20	22	21	23	19	-	-	-	194
1 1/2"	6	6	7	5	6	6	6	7	5	-	-	-	54
2"	82	81	87	79	81	84	82	86	78	-	-	-	739
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	17	17	17	17	17	17	17	17	17	-	-	-	153
6"	5	5	5	5	5	5	5	5	5	-	-	-	45
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	157	153	171	145	152	159	155	167	143	-	-	-	1,402
Volumetric Rates													
First 400 Cubic Feet	404	393	458	375	398	415	410	457	385	-	-	-	3,695
Next 6,100 Cubic Feet	4,143	4,118	4,209	4,091	4,081	4,155	4,264	4,251	4,156	-	-	-	37,469
Next 43,500 Cubic Feet	19,147	19,184	18,834	19,873	19,656	19,827	19,564	19,622	19,807	-	-	-	175,514
Next 450,000 Cubic Feet	68,677	67,945	68,752	71,896	72,528	73,093	76,895	78,058	82,153	-	-	-	659,797
Next 1,000,000 Cubic Feet	53,508	57,265	58,224	63,550	62,202	62,452	66,558	65,472	68,749	-	-	-	557,980
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
Total Volumetric	198,629	199,665	204,395	229,331	231,145	229,981	242,428	242,604	256,245	-	-	-	2,036,423

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/	\$ 2,469,996 ^a A/	\$ 33,707
Lookout Mountain	46,805 A/	49,197 ^a A/	(2,392)
Lakeview	11,317 A/	11,679 ^a A/	(362)
Total Other Public Authority	\$ 2,561,826	\$ 2,530,872	\$ 30,954
Corrections and Allowances	(5,599)		(5,599)
Tolerance Factor	26		26
Total Net Other Public Authority Revenues	\$ 2,556,253 B/	\$ 2,530,872	\$ 25,381

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 & PROTECTION DIVISION
COMMERCIAL REVENUE FORECAST COMPARATIVE
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-OPA COMPARATIVE

Meter Charges		Chattanooga				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"	\$ 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	46,649	91	
1 1/2"	80.65	822	50,019	851	51,769	(1,751)	
2"	97.35	3,474	338,194	3,594	349,888	(11,694)	
3"	182.83	81	14,793	94	17,085	(2,292)	
4"	304.23	252	76,668	259	78,874	(2,008)	
6"	608.47	36	21,905	43	26,044	(4,139)	
8"	973.53	-	-	-	-	-	
Total		8,345	\$ 572,706	8,531	\$ 594,654	\$ (21,948)	

Volumetric Rates

		TAWC Over (Under) CAPD				
	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	21,588	\$ 4,361	\$ (52)
Next 6,100 Cubic Feet	3.207	159,646	511,985	158,449	508,146	3,839
Next 43,500 Cubic Feet	2.015	331,280	667,529	318,697	642,174	25,355
Next 450,000 Cubic Feet	1.506	449,116	676,369	425,392	640,641	35,728
Next 1,000,000 Cubic Feet	1.151	61,517	70,806	69,522	80,020	(9,214)
All Over 1,500,000 Cubic Feet	0.684	-	-	-	-	-
Total		1,022,892	\$ 1,930,998	993,648	\$ 1,875,342	\$ 55,656
Total Other Public Authority		-	\$ 2,503,703	-	\$ 2,469,896	\$ 33,708

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 & PROTECTION DIVISION
 COMMERCIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-001

R-OPA COMPARATIVE
 Lookout Mountain

Meter Charges	Present Rates	TAWC Billing Determinates A/	TAWC Revenue Forecast	CAPD Billing Determinates B/	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
Meter Size						
5/8"	\$12.21	158	\$ 1,929	168	\$ 2,051	\$ (122)
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	399	\$ 13,527	\$ 387

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	\$0.753	861	\$ 648	926	\$ 697	\$ (49)
Next 6,100 Cubic Feet	4.131	5,226	21,589	5,673	23,435	(1,846)
Next 43,500 Cubic Feet	2.939	3,172	9,323	3,464	10,181	(858)
Next 450,000 Cubic Feet	2.055	648	1,332	660	1,356	(25)
Next 1,000,000 Cubic Feet	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-
Total		9,907	\$ 32,891	10,723	\$ 35,670	\$ (2,778)
Total Other Public Authority			\$ 46,805		\$ 49,197	\$ (2,391)

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 & PROTECTION DIVISION
 COMMERCIAL REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-0011

		R-OPA COMPARATIVE					
		Lakeview					
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"	\$ 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 TENNESSEE AMERICAN WATER COMPANY
 CONSUME TRA DOCKET #10-00189
 COMMERCIAL OTHER PUBLIC AUTHORITY BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-OPA TREND

12/31/2011

	Chattanooga										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"	1,994	1,953	1,974	1,989	1,979	1,980	2,032	2,010	1,998	1,998	
3/4"	140	132	126	136	145	144	144	146	145	145	
1"	1,571	1,548	1,550	1,598	1,544	1,537	1,534	1,534	1,537	1,537	
1 1/2"	733	771	750	815	812	817	821	851	822	822	
2"	3,186	3,199	3,344	3,416	3,448	3,479	3,478	3,594	3,474	3,474	
3"	50	47	48	51	73	81	89	94	81	81	
4"	245	250	244	265	258	252	252	259	252	252	
6"	13	12	12	22	29	36	36	43	36	36	
8"	-	1	-	-	-	-	-	-	-	-	
Total Meters	7,932	7,913	8,048	8,292	8,289	8,325	8,387	8,531	8,345	8,345	
Volumetric Rates											
First 400 Cubic Feet	21,193	20,895	21,568	22,342	21,800	21,375	21,043	21,588	21,333	21,333	
Next 6,100 Cubic Feet	175,587	169,772	170,181	178,726	170,108	160,159	158,094	158,449	159,646	159,646	
Next 43,500 Cubic Feet	388,662	373,400	336,199	349,772	340,492	328,880	344,047	318,697	331,280	331,280	
Next 450,000 Cubic Feet	579,590	544,891	525,614	472,587	478,048	451,933	481,224	425,392	449,116	449,116	
Next 1,000,000 Cubic Feet	51,858	74,105	107,676	76,988	73,537	63,085	62,497	69,522	61,517	61,517	
All Over 1,500,000 Cubic Feet	1,216,890	1,183,063	1,161,238	1,100,415	1,083,984	1,025,432	1,066,905	993,648	1,022,892	1,022,892	
Total Volumetric											

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 TENNESSEE AMERICAN WATER COMPANY
 CONSUME TRA DOCKET #10-00189
 COMMER(OTHER PUBLIC AUTHORITY BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

R-OPA TREND

	Lakeview																																			
	12/31/2011		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			
Meter Size																																				
5/8"																																				
3/4"																																				
1"																																				
1 1/2"																																				
2"																																				
3"																																				
4"																																				
6"																																				
8"																																				
Total Meters																																				
Volumetric Rates																																				
First 400 Cubic Feet																																				
Next 6,100 Cubic Feet																																				
Next 43,500 Cubic Feet																																				
Next 450,000 Cubic Feet																																				
Next 1,000,000 Cubic Feet																																				
All Over 1,500,000 Cubic Feet																																				
Total Volumetric																																				

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											
	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
3/4"	12	12	13	11	12	23	11	13	10	5	12	10
1"	126	143	141	120	137	224	124	141	119	68	130	129
1 1/2"	58	58	80	53	59	99	55	63	56	34	62	58
2"	280	258	279	245	271	444	247	284	249	118	271	255
3"	4	4	4	4	4	4	4	5	3	3	4	4
4"	22	20	23	17	20	37	17	23	20	3	23	17
6"	1	1	1	1	1	2	1	1	1	1	1	1
8"												
Total Meters	850	667	706	601	683	1,114	615	714	609	329	673	633
Volumetric Rates												
First 400 Cubic Feet	1,744	1,640	1,943	1,618	1,818	2,793	1,580	1,871	1,630	955	1,893	1,754
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
Next 43,500 Cubic Feet	37,113	37,778	40,741	30,218	30,218	49,228	27,490	33,836	32,056	13,330	38,882	31,645
Next 450,000 Cubic Feet	63,449	60,293	64,104	40,326	40,326	83,318	37,263	53,001	42,685	14,775	63,409	46,376
Next 1,000,000 Cubic Feet	10,324	9,969	5,695	2,734	2,734	4,200	1,560	2,977	3,107	8,166	7,623	59,079
All Over 1,500,000 Cubic Feet	126,812	125,330	126,912	88,308	88,308	161,852	80,770	106,513	93,373	36,489	128,294	101,555
Total Volumetric												

Chattanooga Other Public Authority	Billing Determinants - 2004											
	January	February	March	April	May	June	July	August	September	October	November	December
Meter Size												
5/8"	278	156	183	150	97	171	158	162	163	160	151	164
3/4"	23	11	13	10	5	12	10	11	11	11	11	11
1"	224	124	141	119	68	130	129	129	131	124	122	130
1 1/2"	99	55	83	56	34	62	56	60	61	62	61	62
2"	444	247	284	249	118	271	255	262	264	253	266	272
3"	7	4	5	3	3	4	4	4	4	4	4	4
4"	37	17	23	20	3	23	17	20	21	20	23	21
6"	2	1	1	1	1	1	1	1	1	1	1	1
8"												
Total Meters	1,114	615	714	609	329	673	633	649	656	634	639	665
Volumetric Rates												
First 400 Cubic Feet	2,793	1,580	1,871	1,630	955	1,893	1,754	1,815	1,757	1,733	1,715	1,695
Next 6,100 Cubic Feet	22,313	12,877	14,828	13,895	7,429	15,954	14,157	15,488	15,377	15,132	14,673	13,465
Next 43,500 Cubic Feet	49,228	37,778	40,741	30,218	30,218	49,228	27,490	33,836	32,056	13,330	38,882	31,645
Next 450,000 Cubic Feet	83,318	37,263	53,001	42,685	14,775	63,409	46,376	52,783	48,188	45,434	48,505	43,853
Next 1,000,000 Cubic Feet	4,200	1,560	2,977	3,107	8,166	7,623	59,079	8,986	5,230	2,428	4,745	2,846
All Over 1,500,000 Cubic Feet	161,852	80,770	106,513	93,373	36,489	128,294	101,555	116,072	105,824	96,209	99,872	90,067
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
Chattanooga
Other Public Authority

R-PUBLIC AUTHORITY HIST

Billing Determinants - 2005											
	January	February	March	April	May	June	July	August	September	October	Total
Meter Size											
5/8"	171	152	168	158	157	168	147	170	160	182	1,953
3/4"	12	10	11	11	11	12	9	12	11	11	132
1"	133	123	133	127	126	135	119	136	129	125	1,548
1 1/2"	66	58	65	66	61	68	61	66	65	64	771
2"	288	257	271	263	260	275	250	270	273	265	3,199
3"	3	3	4	4	4	4	3	6	4	4	47
4"	24	18	24	18	21	24	17	22	21	20	250
6"	1	1	1	1	1	1	1	1	1	1	12
8"											1
Total Meters	697	622	676	648	642	687	608	683	665	678	667
Volumetric Rates											
First 400 Cubic Feet	1,777	1,562	1,707	1,598	1,743	1,882	1,655	1,843	1,789	1,797	1,710
Next 6,100 Cubic Feet	13,550	12,599	13,239	13,712	14,413	15,637	13,204	15,017	15,596	14,983	14,555
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	30,508
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
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
All Over 1,500,000 Cubic Feet	106,219	75,144	91,891	80,317	92,637	128,025	88,225	116,575	121,491	106,070	93,613
Total Volumetric											82,858
											1,183,064

Volumetric Rates

First 400 Cubic Feet	1,777	1,562	1,707	1,598	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	15,596	14,983	14,555	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	30,508	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	106,219	75,144	91,891	80,317	92,637	128,025	88,225	116,575	121,491	106,070	93,613	82,858	1,183,064
Total Volumetric													

Billing Determinants - 2006

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
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	285	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	33,898	30,751	26,773	24,535	336,199
Next 450,000 Cubic Feet	47,943	21,850	44,330	28,534	50,576	44,255	45,639	69,116	52,305	44,130	42,110	36,828	525,614
Next 1,000,000 Cubic Feet	8,031	508	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	96,080	55,136	94,916	65,865	108,330	100,713	98,132	142,381	117,240	103,306	96,025	82,114	1,161,238
Total Volumetric													

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TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Chattanooga Other Public Authority	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	6	51
4"	22	22	22	22	22	22	22	22	22	22	22	22	285
5"	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	15,841	15,629	16,227	16,227	17,113	15,411	14,253	178,726
Next 43,500 Cubic Feet	22,882	22,143	24,808	25,470	28,588	31,272	33,187	31,107	37,690	35,102	30,571	26,951	349,772
Next 450,000 Cubic Feet	36,112	34,284	37,189	35,409	37,238	45,519	44,522	39,927	47,586	42,694	35,451	36,656	472,587
Next 1,000,000 Cubic Feet	3,704	3,235	4,493	6,893	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	77,060	73,804	82,026	83,675	89,033	101,891	103,634	97,440	114,075	105,803	87,662	84,512	1,100,415
Total Volumetric													

Chattanooga
Other Public Authority

Chattanooga Other Public Authority	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	167	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	129	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	6	6	6	6	6	5	6	7	6	7	73
4"	23	22	21	22	21	21	22	21	21	21	20	22	268
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	1,984	1,902	1,896	2,060	1,736	1,800	21,800
Next 6,100 Cubic Feet	13,341	12,399	12,238	13,532	14,132	15,009	15,226	14,724	15,786	16,841	13,735	13,145	170,108
Next 43,500 Cubic Feet	24,352	22,945	23,130	26,301	27,084	30,324	34,420	33,162	38,720	34,432	24,849	22,772	340,492
Next 450,000 Cubic Feet	31,257	29,055	30,029	32,557	30,902	32,887	35,015	49,987	51,950	45,880	34,362	34,167	478,048
Next 1,000,000 Cubic Feet	5,565	4,899	5,549	5,183	4,898	7,797	8,858	8,378	8,796	5,663	3,944	4,407	73,537
All Over 1,500,000 Cubic Feet	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
Total Volumetric													

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Chattanooga
Other Public Authority

R-PUBLIC AUTHORITY HIST

Billing Determinants - 2009

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Meter Size													
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	278	301	3,479
3"	8	5	7	6	7	7	9	8	6	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	871	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	1,866	1,883	1,859	1,716	1,751	21,375
Next 8,100 Cubic Feet	11,413	11,908	12,551	12,647	13,253	14,223	15,215	14,447	15,193	14,072	12,406	12,830	160,159
Next 43,500 Cubic Feet	20,887	22,648	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	38,783	40,231	50,210	44,668	42,289	39,914	32,764	34,102	451,933
Next 1,000,000 Cubic Feet	4,334	3,632	2,827	4,960	6,036	6,800	8,011	7,661	7,062	4,869	4,509	2,564	63,085
All Over 1,500,000 Cubic Feet	70,722	73,007	73,202	76,205	83,980	90,695	111,735	101,051	100,129	81,454	76,608	76,662	1,025,432
Total Volumetric													

Billing Determinants - 2010

	January	February	March	April	May	June	July	August	September	October	November	December	Total	12 MTD
Meter Size														
5/8"	167	164	179	176	168	173	169	174	163	163	157	176	1,532	2,032
3/4"	12	12	13	11	12	12	12	13	11	11	11	13	108	144
1"	124	126	136	126	125	131	127	133	126	126	118	136	1,154	1,534
1 1/2"	68	68	72	66	66	70	68	70	65	65	67	71	821	821
2"	288	278	302	290	279	302	280	292	291	291	278	301	2,811	3,478
3"	6	5	7	8	8	10	9	9	8	8	7	8	71	89
4"	20	22	21	21	21	21	21	21	21	21	20	22	189	252
6"	3	3	3	3	3	3	3	3	3	3	3	3	27	36
8"														
Total Meters	689	679	733	700	682	722	689	715	689	-	-	-	6,306	8,387
Volumetric Rates														
First 400 Cubic Feet	1,602	1,556	1,716	1,888	1,748	1,848	1,867	1,862	1,829	1,829	1,716	1,751	15,717	21,043
Next 8,100 Cubic Feet	11,466	11,429	12,464	12,834	13,238	14,144	13,788	14,171	15,253	14,171	12,406	12,830	118,785	158,094
Next 43,500 Cubic Feet	22,875	21,850	24,668	28,833	26,099	30,620	33,938	35,963	40,034	35,963	25,213	25,415	282,678	344,047
Next 450,000 Cubic Feet	31,942	28,082	35,518	38,857	36,294	47,108	50,914	53,690	52,341	53,690	32,764	34,102	374,444	481,224
Next 1,000,000 Cubic Feet	4,102	2,852	2,471	4,790	5,528	9,471	9,414	9,228	2,899	2,899	2,564	2,564	50,555	62,497
All Over 1,500,000 Cubic Feet	71,987	65,559	78,835	84,803	82,907	103,191	109,820	114,914	112,355	-	-	-	822,161	1,066,905
Total Volumetric														

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TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Other Public Authority	Billing Determinants - July 2004												Total
	August	September	October	November	December	January	February	March	April	May	June	July	
Meter Size													
5/8"	9	12	14	-	22	22	22	11	11	-	11	11	134
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	9	7	13	-	18	18	18	9	9	-	9	9	110
1 1/2"	1	1	1	-	2	2	2	1	1	-	1	1	12
2"	4	3	16	-	14	14	14	7	6	-	7	7	85
3"	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Meters	23	23	44	-	56	56	56	28	27	-	28	28	341
Volumetric Rates													
First 400 Cubic Feet	54	53	122	-	118	105	105	48	63	-	78	72	764
Next 6,100 Cubic Feet	305	303	929	-	822	491	491	230	493	-	536	612	4,781
Next 43,500 Cubic Feet	73	133	534	-	174	100	100	50	224	-	256	492	2,091
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	37	37	37
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	432	489	1,585	-	914	896	896	328	780	-	907	1,176	7,573
Total Volumetric													

Lookout Mountain
Other Public Authority

Other Public Authority	Billing Determinants - 2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
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	4,796
Next 43,500 Cubic Feet	100	50	55	224	-	256	492	189	369	210	50	201	2,196
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	696	328	366	780	-	870	1,176	742	950	706	466	651	7,731
Total Volumetric													

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TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189
Lookout Mountain
Other Public Authority

R-PUBLIC AUTHORITY HIST

	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	11	11	11	11	11	11	10	13	12	12	11	13	137
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	8	8	8	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	68	71	83	74	65	57	757
Next 6,100 Cubic Feet	231	244	291	393	476	448	442	537	686	527	409	288	4,974
Next 43,500 Cubic Feet	102	134	154	285	357	441	402	280	650	377	341	301	3,834
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	384	423	497	735	903	955	910	898	1,421	978	815	646	9,565
Total Volumetric	-	-	-	-	-	-	-	-	-	-	-	-	-

	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Meter Size													
5/8"	11	13	12	12	12	11	13	13	13	13	13	13	149
3/4"	-	-	-	-	-	-	-	1	1	1	0	1	4
1"	8	9	9	9	8	8	8	8	9	9	9	32	127
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	11
2"	8	7	7	7	7	7	7	7	6	6	6	7	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	66	72	76	78	82	85	79	69	54	835
Next 6,100 Cubic Feet	339	348	348	469	505	542	555	676	675	493	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	878	684	598	855	690	1,148	1,114	1,193	1,227	738	563	436	10,142
Total Volumetric	-	-	-	-	-	-	-	-	-	-	-	-	-

A/ Does not tie to TAWC response to CAPD #2, TRA Docket #08-00290

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

	Billing Determinants - 2007												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Lookout Mountain Other Public Authority													
Meter Size													
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	387	6,794
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	786	620	1,277	1,486	1,223	1,508	1,899	1,394	1,205	756	13,073
Total Volumetric													

	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Lookout Mountain Other Public Authority													
Meter Size													
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	83	-	91	93	87	86	52	813
Next 6,100 Cubic Feet	312	363	246	309	458	532	-	636	736	686	500	317	5,095
Next 43,500 Cubic Feet	423	593	158	241	197	189	-	478	504	344	145	89	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 & PROTECTION DIVISION
OTHER PUBLIC AUTHORITY BILLING DETERMINANTS HISTORY
TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-PUBLIC AUTHORITY HIST

Billing Determinants - 2009

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

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
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Volumetric Rates

First 400 Cubic Feet	61	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	263	5,495
Next 43,500 Cubic Feet	151	119	106	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	508	520	513	785	780	1,020	1,243	997	1,064	717	1,178	1,086	10,411
Total Volumetric													-

Billing Determinants - 2010

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

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
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Volumetric Rates

First 400 Cubic Feet	60	55	57	78	88	88	91	86	99	-	-	-	697	892
Next 6,100 Cubic Feet	232	228	277	368	482	512	707	559	732	-	-	-	4,129	5,160
Next 43,500 Cubic Feet	38	33	55	59	60	94	500	185	345	-	-	-	1,369	2,476
Next 450,000 Cubic Feet													648	
Next 1,000,000 Cubic Feet													-	-
All Over 1,500,000 Cubic Feet	330	317	389	533	628	694	1,298	830	1,176	-	-	-	6,195	9,176
Total Volumetric													-	-

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Source: TAWC Orcom Billing Analysis

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

Tennessee American Water Company - Meter Sizing - July 2004														
Lakeview Other Public Authority		August	September	October	November	December	January	February	March	April	May	June	July	Total
Meter Size														
	5/8"	4	3	5	4	4	4	6	3	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	8	10	7	8	8	8	8	96
Volumetric Rates														
	First 400 Cubic Feet	13	20	20	20	16	16	20	12	20	17	18	21	216
	Next 6,100 Cubic Feet	94	173	183	182	202	162	162	113	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	107	193	665	274	290	202	171	300	322	317	178	85	3,104
Total Volumetric		-	-	-	-	-	-	-	-	-	-	-	-	-

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	182	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	370	121	63	1,298
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	202	171	300	322	317	178	85	413	403	591	277	241	3,500
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
Lakewood

R-PUBLIC AUTHORITY HIST

Other Public Authority	Billing Determinants - 2005												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
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	1,984
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													

Other Public Authority	Billing Determinants - 2006												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
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	9	20
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	11
2"	2	2	2	2	2	2	2	2	2	2	2	2	22
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	197	186	428	275	264	145	340	514	184	175	3,032
Total Volumetric	-	-	-	-	-	-	-	-	-	-	-	-	-

R-PUBLIC AUTHORITY HIST

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

Meter Size	4	4	4	4	4	4	5	5	5	5	5	5	55
5/8"													
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	9	9	9	9	9	9	103

Volumetric Rates													
First 400 Cubic Feet	13	11	13	20	10	21	11	12	11	9	11	16	158
Next 6,100 Cubic Feet	85	115	108	115	99	139	103	106	113	122	122	174	1,401
Next 43,500 Cubic Feet		34	32	43	45	183	435	493	337	87	104	281	2,074
Next 450,000 Cubic Feet							301	791					1,092
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	98	160	153	178	154	342	850	1,402	461	218	237	471	4,724
Total Volumetric													

Lakeview Other Public Authority	Billing Determinants - 2008												Total
	January	February	March	April	May	June	July	August	September	October	November	December	

Meter Size	5	5	5	5	5	5	5	5	5	5	5	5	55
5/8"													
3/4"													
1"	1	1	1	1	1	1	1	1	1	1	1	1	11
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	11
2"	2	2	2	2	2	2	2	2	2	2	2	2	22
3"													-
4"													-
6"													-
8"													-
Total Meters	9	9	9	9	9	9	9	9	9	9	9	9	99

Volumetric Rates													
First 400 Cubic Feet	15	9	9	13	12	11	9	9	13	10	8	11	120
Next 6,100 Cubic Feet	197	122	122	126	122	122	122	122	125	122	122	122	1,424
Next 43,500 Cubic Feet	268	230	65	96	70	52	266	87	87	61	38	116	1,348
Next 450,000 Cubic Feet													-
Next 1,000,000 Cubic Feet													-
All Over 1,500,000 Cubic Feet	480	361	196	235	204	185	397	225	225	193	168	249	2,893
Total Volumetric													

OFFICE OF THE ATTORNEY GENERAL - STATE OF TENNESSEE
CONSUMER ADVOCATE & 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 - 2009												Total
	January	February	March	April	May	June	July	August	September	October	November	December	

Meter Size													
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	118	33	161	104	856
Next 450,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Next 1,000,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
All Over 1,500,000 Cubic Feet	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Volumetric	281	224	226	194	225	215	80	103	267	193	341	251	2,580

Lakeview Other Public Authority	Billing Determinants - 2010												Total	12 MTD
	January	February	March	April	May	June	July	August	September	October	November	December		

Meter Size														
5/8"	5	5	5	5	5	5	5	5	5	-	-	-	45	60
3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1"	1	1	1	1	1	1	1	1	1	-	-	-	9	12
1 1/2"	1	1	1	1	1	1	1	1	1	-	-	-	9	12
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	-	-	-	81	108

Volumetric Rates

First 400 Cubic Feet	13	15	13	17	11	14	17	13	19	-	-	-	132	178
Next 6,100 Cubic Feet	130	137	142	134	113	148	141	157	185	-	-	-	1,287	1,728
Next 43,500 Cubic Feet	57	32	36	37	33	36	103	168	223	-	-	-	725	1,023
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	2,928

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 & PROTECTION DIVISION
 OTHER WATER UTILITY REVENUE FORECAST COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

R-OTHER WATER UTIL COMPARATIVE

Meter Charges		Chattanooga					
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	-	\$ -	-	\$ -	-	
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 Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) CAPD Revenue Forecast
\$ 0.202	5	\$ 1	-	\$ -	1
3.207	1	3	-	-	3
2.015	-	-	-	-	-
1.508	-	-	-	-	-
1.151	-	-	-	-	-
0.884	-	-	-	-	-
0.9353	469,025	438,679	613,768	574,057	(135,378)
0.9353	27,241	25,479	-	-	25,479
0.8977	415,455	372,954	611,177	548,654	(175,700)
1.0572	434,358	459,203	648,339	685,424	(226,221)
	1,346,079	1,296,319	1,873,284	\$1,808,135	\$ (511,816)
Total		\$1,308,493		\$1,820,255	\$ (511,762)
Total Other Water Utility					

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 & PROTECTION DIVISION
 OTHER WATER UTILITY BILLING DETERMINANTS COMPARATIVE
 TENNESSEE AMERICAN WATER COMPANY - TRA DOCKET # 10-00189

BILLING DETERMINANTS
 TREND ANALYSIS

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"																
2"																
3"																
4"																
6"																
8"																
Total Meters		-	-	-	-	-	-	-	-	-	-	-	-	48	48	48
Volumetric Rates																
First 400 Cubic Feet																
Next 6,100 Cubic Feet																
Ft. Oglethorpe		-		107,906		483,455		497,607		506,108		436,299		452,871	584,853	469,025
Catoosa		-		35,411		369,170		508,501		403,962		45,745		29,430	-	27,241
Signal Mountain		-		81,561		467,096		520,258		486,872		369,265		429,050	543,568	415,455
Walden's Ridge		-		-		376,073		470,456		505,226		384,981		421,330	591,862	434,358
SFR		1,337,767		1,046,319		-		-		-		-		-	-	-
Total Volumetric		1,337,787		1,271,197		1,695,794		1,996,822		1,902,168		1,236,290		1,332,698	1,720,283	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		August	September	October	November	December	Billing Determinants - July 2004					May	June	July	Total
							January	February	March	April					
Meter Size															
5/8"															-
3/4"															-
1"															-
1 1/2"															-
2"															-
3"															-
4"															-
6"															-
8"															-
Total Meters															-
Volumetric Rates															
Ft. Oglethorpe															518,704
Catoosa		106,586	107,909	141,615	67,231	95,363									-
Signal Mountain							159,130	48,448	135,484	112,924	44,100	160,702	71,567	732,355	-
Walden's Ridge							159,130	48,448	135,484	112,924	44,100	160,702	71,567	1,251,059	-
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	1,251,059	-
Chattanooga Other Water Utility Class		January	February	March	April	May	Billing Determinants - 2004					October	November	December	Total
							June	July	August	September					
Meter Size															
5/8"															-
3/4"															-
1"															-
1 1/2"															-
2"															-
3"															-
4"															-
6"															-
8"															-
Total Meters															-
Volumetric Rates															
Ft. Oglethorpe															-
Catoosa															-
Signal Mountain															-
Walden's Ridge		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	-
SFR		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	-
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
 Other Water Utility Class

R-OTHER WATER UTILITY HIST

		Billing Determinants - 2005													
		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															
Ft. Oglethorpe															
Catoosa															
Signal Mountain															
Walden's Ridge															
SFR		106,897	37,926	98,996	113,285	107,642	120,966	121,735	88,206	187,908	15,989	36,014	2,306	107,908	
											17,917	15,989	1,505	35,411	
												37,668	43,893	81,561	
														-	
Total Volumetric		106,897	37,926	98,996	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 Claes		January	February	March	April	May	June	July	August	September	October	November	December	Total	

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	Total
Meter Size															
5/8"															
3/4"															
1"															
1 1/2"															
2"															
3"															
4"															
6"															
8"															
Total Meters															
Volumetric Rates															
Fl Oglethorpe		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	497,607
Catoosa		20,221	5,828	14,413	41,826	35,184	55,938	70,537	50,996	88,821	54,932	43,824	46,383	508,501	508,501
Signal Mountain		29,661	30,022	32,627	33,918	42,078	84,568	48,885	54,800	53,406	80,511	36,782	34,980	520,258	520,258
Walden's Ridge		28,230	29,686	27,130	35,429	37,306	53,225	44,312	49,576	50,594	48,870	34,207	33,889	470,456	470,456
		* Signal Mountain March and April adjusted for S. Miller Rebuttal Exhibit.													
Total Volumetric		120,249	103,001	110,694	149,343	153,646	221,718	204,216	199,299	219,209	204,479	150,595	160,173	1,998,822	1,998,822

Billing Determinants - 2008

		January	February	March	April	May	June	July	August	September	October	November	December	Total	Total
Meter Size															
5/8"															
3/4"															
1"															
1 1/2"															
2"															
3"															
4"															
6"															
8"															
Total Meters															
Volumetric Rates															
Fl Oglethorpe		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	506,108
Catoosa		27,292	20,033	13,822	-	2,129	17,742	58,138	56,960	64,221	52,342	52,479	41,004	403,962	403,962
Signal Mountain		37,365	30,910	35,060	31,467	33,910	47,894	52,813	55,722	51,675	45,112	32,936	31,986	486,872	486,872
Walden's Ridge		39,445	35,185	39,879	33,813	35,855	51,985	51,363	50,152	52,197	45,304	-	70,138	505,228	505,228
Total Volumetric		140,186	124,481	129,603	104,682	110,534	164,083	208,006	204,284	212,077	186,245	126,562	191,395	1,902,168	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

Billing Determinants - 2009													
Other Water Utility Class	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 Oglethorpe	56,814	37,504	36,019	42,300	35,206	38,906	-	38,445	37,906	38,523	38,547	38,128	436,299
Catoosa	11,328	15,253	130	61	1,650	1	-	1,095	198	15,004	1,025	-	45,745
Signal Mountain	35,236	32,614	28,845	31,787	37,168	41,001	-	44,903	34,408	27,213	29,666	26,424	359,265
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	115,187	114,668	119,642	-	126,743	105,804	107,195	98,969	90,927	1,236,290
Billing Determinants - 2010													
Other Water Utility Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Chatanooga													

Chattanooga
Other Water Utility Class

Meter Size	Billing Determinants - 2010												
	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													
FL Oglethorpe	44,288	35,241	33,462	37,408	33,378	36,723	41,485	36,058	39,630	-	-	-	337,672
Catoosa	-	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	53,485	-	-	-	345,747
Walden's Ridge	36,335	33,581	30,437	30,222	32,716	40,392	43,220	44,023	47,884	-	-	-	338,770
Total Volumetric	111,733	100,451	93,447	101,780	104,284	112,328	137,600	131,913	142,074	-	-	-	1,035,580

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	Chattanooga					TAWC Over (Under) CAPD Revenue Forecast		
	Meter Size	Present Rates	TAWC Billing Determinates	TAWC Revenue Forecast	CAPD Billing Determinates	CAPD Revenue Forecast	TAWC Over (Under) 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
 Chattanooga
 Private Fire Service

R-PRIVATE FIRE SERVICE HIST

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

Chattanooga
 Private Fire Service

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

Chattanooga
 Private Fire Service

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

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-CUSTOMER GROWTH

Year Ending	Residential	Commercial	Total	Annual Growth %
September 2010	783,435	101,247	884,682	
December 2011	793,052	100,909	893,961	1.05%