February 10, 2025

Electronically Filed in TPUC Docket Room on February 10, 2025 at 6:44 a.m.

VIA ELECTRONIC FILING

Hon. David Jones, Chairman
c/o Ectory Lawless, Docket Room Manager
Tennessee Public Utility Commission
502 Deaderick Street, 4th Floor
Nashville, TN 37243
TPUC.DocketRoom@tn.gov

RE: ***Petition of Tennessee-American Water Company to Modify Tariff, Change and Increase Charges, Fees, and Rates, and for Approval of a General Rate Increase,*** **TPUC Docket No. 24-00032**

Dear Chairman Jones:

As a supplement to the tariffs filed on January 27, 2025, to comply with the Commission's January 21, 2025, deliberations in the above-captioned matter, enclosed please find Tennessee-American Water Company's supporting workpapers.

As required, copies will be mailed to your office. Should you have any questions concerning this filing, or require additional information, please do not hesitate to contact me.

Very truly yours,

BUTLER SNOW LLP

Melvin J. Malone

Attachment
cc: Bob Lane, TAWC
Shilina Brown, Consumer Advocate Division
Victoria Glover, Consumer Advocate Division
Phillip Noblett, City of Chattanooga
Frederick Hitchcock, City of Chattanooga
Scott Tift, UWUA

TENNESSEE-AMERICAN WATER COMPANY
Docket No. 24-00032
Attrition Period Present and Revenue Per Order

Revenue @ Present Rate	**Chattanooga**	**Lakeview Ga**	**Lookout Mtn**	**Suck Creek**	**Whitwell Inside City**	**Whitwell Outside City**	**Jasper Highlands**	**Total**
Residential	26,758,720	1,214,843	1,693,877	187,209	380,063	1,259,509	545,935	32,040,156.1
Commercial	22,339,667	151,934	291,515	4,550	40,668	29,320	64,228	22,921,881.8
Industrial	6,162,032	0	0	0	0	0	0	6,162,032.0
Other Public Authority	4,164,334	23,898	64,805	0	3,873	22,695	881	4,280,486.8
Other Water Utility	1,733,026	0	0	0	0	0	0	1,733,026.0
Private Fire Service	4,081,337	0	0	0	0	0	935	4,082,271.6
	65,239,116	**1,390,676**	**2,050,197**	**191,758**	**424,604**	**1,311,524**	**611,979**	**71,219,854**
Other Operating Revenue								1,180,170
Total TNAW								**72,400,024**

Revenue @ Rate Per Order	**Chattanooga**	**Lakeview Ga**	**Lookout Mtn**	**Suck Creek**	**Whitwell Inside City**	**Whitwell Outside City**	**Jasper Highlands**	**Total**
Residential	26,989,241	1,225,268	1,702,204	188,962	383,687	1,271,032	550,847	32,311,241
Commercial	22,454,968	153,025	292,430	4,597	40,936	29,620	64,419	23,039,995
Industrial	6,176,618	0	0	0	0	0	0	6,176,618
Other Public Authority	4,182,174	23,985	65,152	0	3,919	22,767	893	4,298,890
Other Water Utility	1,733,019	0	0	0	0	0	0	1,733,019
Private Fire Service	4,138,743	0	0	0	0	0	948	4,139,691
	65,674,763	**1,402,278**	**2,059,786**	**193,559**	**428,542**	**1,323,419**	**617,107**	**71,699,454**
Other Operating Revenue								1,708,500
Total TNAW								**73,407,954**
Change in Retail Revenue	435,647	11,602	9,589	1,801	3,938	11,895	5,128	479,600
Change in OOR								528,330
								1,007,930 Revenue Increase
								1,007,930 Revenue Increase Per Order
								0 Variance

Revenue @ Rate Per Order	**Chattanooga**	**Lakeview Ga**	**Lookout Mtn**	**Suck Creek**	**Whitwell Inside City**	**Whitwell Outside City**	**Jasper Highlands**	**Total**
Residential	0.86%	0.86%	0.49%	0.94%	0.95%	0.91%	0.90%	0.85%
Commercial	0.52%	0.72%	0.31%	1.04%	0.66%	1.02%	0.30%	0.52%
Industrial	0.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.24%
Other Public Authority	0.43%	0.36%	0.54%	0.00%	1.18%	0.32%	1.39%	0.43%
Other Water Utility	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Private Fire Service	1.41%	0.00%	0.00%	0.00%	0.00%	0.00%	1.40%	1.41%
	0.67%	0.83%	0.47%	0.94%	0.93%	0.91%	0.84%	0.67%

	Fixed Charges	1.406560%
	Vol Charges	0.00%

0.00%

Chattanooga

Customer Class	Residential		Commercial		Industrial		Other Public Authority		Other Water Utility	
	Current	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**
Customer Charge (Service Line):										
5/8" Monthly	13.96	19.92	17.82	25.42	37.16	53.02	16.33	23.30	14.14	19.89
3/4" Monthly	23.45	33.46	29.93	42.70	62.46	89.11	27.43	39.13	23.76	33.43
1" Monthly	39.01	55.66	49.81	71.06	103.85	148.16	45.63	65.10	39.52	55.60
1-1/2" Monthly	78.05	111.35	99.66	142.18	207.80	296.47	91.30	130.26	79.07	111.24
2" Monthly	124.88	178.16	159.44	227.47	332.45	474.30	146.07	208.40	126.46	177.92
3" Monthly	234.52	334.59	298.98	426.55	623.30	889.26	273.88	390.74	237.18	333.69
4" Monthly	390.25	556.77	498.31	710.93	1,038.90	1,482.19	456.48	651.25	395.34	556.20
6" Monthly	780.50	1,113.53	996.64	1,421.90	2,077.79	2,964.36	912.97	1,302.52	790.64	1,112.35
8" Monthly	1,248.77	1,781.61	1,594.61	2,275.01	3,324.43	4,742.93	1,460.71	2,083.98	1,265.00	1,779.73
Volumetric Charge:										
First 30 hgal	0.03566	0.05017	0.03155	0.04439	0.03291	0.04630	0.03365	0.04734	0.03115	0.04382
Next 456 hgal	0.56555	0.79567	0.49953	0.70279	0.52263	0.73529	0.53388	0.75112	0.49412	0.69518
Next 3,254 hgal	0.35531	0.49989	0.31389	0.44161	0.32846	0.46211	0.33540	0.47187	0.31043	0.43674
Next 33,660 hgal	0.26564	0.37373	0.23460	0.33006	0.23198	0.32637	0.25076	0.35279	0.23209	0.32653
Next 74,600 hgal	0.20305	0.28567	0.17925	0.25219	0.17723	0.24934	0.19168	0.26967	0.17741	0.24960
Over 112,000 hgal	0.12057	0.16963	0.10648	0.14981	0.10543	0.14833	0.11382	0.16013	0.10535	0.14822
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.00-Rate Design.

Fixed Charges 1.406560%
Vol Charges 0.00% 0.00%

Lakeview

	Residential		Commercial		Industrial		Other Public Authority		Other Water Utility	
Customer Class	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**
Customer Charge (Service Line):										
5/8" Monthly	15.66	22.34	20.01	28.55	39.94	56.98	18.30	26.11	15.86	22.31
3/4" Monthly	23.45	33.46	29.93	42.70	59.82	85.34	27.43	39.13	23.76	33.43
1" Monthly	39.00	55.64	49.81	71.06	99.51	141.97	45.68	65.17	39.52	55.60
1-1/2" Monthly	78.05	111.35	99.66	142.18	199.10	284.05	91.35	130.33	79.07	111.24
2" Monthly	124.88	178.16	159.44	227.47	318.53	454.44	146.08	208.41	126.46	177.92
3" Monthly	234.14	334.04	298.97	426.54	597.24	852.08	273.88	390.74	237.18	333.69
4" Monthly	390.25	556.77	498.31	710.93	995.43	1,420.17	456.48	651.25	395.34	556.20
6" Monthly	780.50	1,113.53	996.64	1,421.90	1,990.87	2,840.35	912.97	1,302.52	790.64	1,112.35
8" Monthly	1,248.77	1,781.61	1,594.61	2,275.01	3,185.32	4,544.46	1,460.71	2,083.98	1,265.00	1,779.73
Volumetric Charge:										
First 30 hgal	0.06564	0.09235	0.05781	0.08133	0.05813	0.08178	0.06180	0.08695	0.05735	0.08069
Next 456 hgal	0.62324	0.87684	0.55052	0.77453	0.55191	0.77648	0.58829	0.82767	0.54452	0.76609
Next 3,254 hgal	0.41301	0.58106	0.36489	0.51336	0.36572	0.51453	0.38988	0.54852	0.36083	0.50765
Next 33,660 hgal	0.29516	0.41526	0.26087	0.36702	0.26139	0.36775	0.27864	0.39202	0.25789	0.36283
Next 74,600 hgal	0.23274	0.32744	0.20563	0.28930	0.20610	0.28996	0.21971	0.30911	0.20334	0.28608
Over 112,000 hgal	0.15027	0.21141	0.13259	0.18654	0.13306	0.18720	0.14184	0.19955	0.13128	0.18470
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.01-Rate Design.

	Fixed Charges	1.406560%									
	Vol Charges	0.00%									0.00%

Lookout Mountain

	Residential		Commercial		Industrial		Other Public Authority		Other Water Utility	
Customer Class	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**
Customer Charge (Service Line):										
5/8" Monthly	15.66	22.34	20.01	28.55	39.94	56.98	18.32	26.14	15.86	22.31
3/4" Monthly	23.45	33.46	29.93	42.70	59.82	85.34	27.45	39.16	23.76	33.43
1" Monthly	39.01	55.66	49.81	71.06	99.51	141.97	45.64	65.11	39.52	55.60
1-1/2" Monthly	78.05	111.35	99.66	142.18	199.10	284.05	91.35	130.33	79.07	111.24
2" Monthly	124.89	178.18	159.44	227.47	318.53	454.44	146.07	208.40	126.46	177.92
3" Monthly	234.14	334.04	298.97	426.54	597.24	852.08	273.88	390.74	237.18	333.69
4" Monthly	390.25	556.77	498.31	710.93	995.43	1,420.17	456.48	651.25	395.34	556.20
6" Monthly	780.50	1,113.53	996.64	1,421.90	1,990.87	2,840.35	912.97	1,302.52	790.64	1,112.35
8" Monthly	1,248.77	1,781.61	1,594.61	2,275.01	3,185.32	4,544.46	1,460.71	2,083.98	1,265.00	1,779.73
Volumetric Charge:										
First 30 hgal	0.13282	0.18686	0.11723	0.16493	0.11762	0.16548	0.12544	0.17648	0.11604	0.16326
Next 456 hgal	0.72850	1.02493	0.64342	0.90523	0.64513	0.90763	0.68770	0.96753	0.63650	0.89549
Next 3,254 hgal	0.51826	0.72914	0.45778	0.64405	0.45896	0.64571	0.48925	0.68833	0.45281	0.63706
Next 33,660 hgal	0.36183	0.50906	0.32001	0.45022	0.32087	0.45143	0.34205	0.48123	0.31658	0.44540
Next 74,600 hgal	0.29991	0.42194	0.26507	0.37293	0.26559	0.37366	0.28311	0.39831	0.26203	0.36865
Over 112,000 hgal	0.21743	0.30590	0.19203	0.27017	0.19255	0.27090	0.20525	0.28877	0.18997	0.26727
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.02-Rate Design.

	Fixed Charges	1.406560%								
	Vol Charges	0.00%								0.00%
Suck Creek										
	Residential		**Commercial**		**Industrial**		**Other Public Authority**		**Other Water Utility**	
Customer Class	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**
Customer Charge (Service Line):										
5/8" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
3/4" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
1" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
1-1/2" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
2" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
3" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
4" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
6" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
8" Monthly	30.60	43.66	39.06	55.73	39.06	55.73	39.06	55.73	39.06	54.95
Volumetric Charge:										
First 15 hgal	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Next 79 hgal	0.60731	0.85442	0.53533	0.75316	0.53533	0.75316	0.53533	0.75316	0.53533	0.75316
Over 94 hgal	0.45551	0.64086	0.40241	0.56615	0.40241	0.56615	0.40241	0.56615	0.40241	0.56615
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.03-Rate Design.

Fixed Charges 1.406560%
Vol Charges 0.00% 0.00%

Whitwell - Inside City

Customer Class	Residential Current	Residential Authorized	Commercial Current	Commercial Authorized	Industrial Current	Industrial Authorized	Other Public Authority Current	Other Public Authority Authorized	Other Water Utility Current	Other Water Utility Authorized
Customer Charge (Service Line):										
5/8" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
3/4" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
1" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
1-1/2" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
2" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
3" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
4" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
6" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
8" Monthly	20.45	29.18	20.45	29.18	20.45	29.18	20.45	29.18	20.45	28.77
Volumetric Charge:										
First 20 hgal	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Next 20 hgal	0.48000	0.67531	0.48000	0.67531	0.48000	0.67531	0.48000	0.67531	0.48000	0.67531
Next 20 hgal	0.45600	0.64155	0.45600	0.64155	0.45600	0.64155	0.45600	0.64155	0.45600	0.64155
Over 60 hgal	0.41900	0.58949	0.41900	0.58949	0.41900	0.58949	0.41900	0.58949	0.41900	0.58949
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.04-Rate Design.

	Fixed Charges	1.406560%
	Vol Charges	0.00%

0.00%

Whitwell - Outside City

Customer Class	Residential		Commercial		Industrial		Other Public Authority		Other Water Utility	
	Current	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**
Customer Charge (Service Line):										
5/8" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
3/4" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
1" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
1-1/2" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
2" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
3" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
4" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
6" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
8" Monthly	23.37	33.34	23.37	33.34	23.37	33.34	23.37	33.34	23.37	32.88
Volumetric Charge:										
First 20 hgal	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Next 20 hgal	0.58700	0.82585	0.58700	0.82585	0.58700	0.82585	0.58700	0.82585	0.58700	0.82585
Next 20 hgal	0.53200	0.74847	0.53200	0.74847	0.53200	0.74847	0.53200	0.74847	0.53200	0.74847
Over 60 hgal	0.43700	0.61482	0.43700	0.61482	0.43700	0.61482	0.43700	0.61482	0.43700	0.61482
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.05-Rate Design.

	Fixed Charges	1.406560%
	Vol Charges	0.00%

0.00%

Jasper Highlands

	Residential		Commercial		Industrial		Other Public Authority		Other Water Utility	
Customer Class	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**	**Current**	**Authorized**
Customer Charge (Service Line):										
5/8" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
3/4" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
1" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
1-1/2" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
2" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
3" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
4" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
6" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
8" Monthly	52.15	74.40	52.15	74.40	52.15	74.40	52.15	74.40	52.15	73.37
Volumetric Charge:										
First 25 hgal	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Next 25 hgal	1.31000	1.84304	1.31000	1.84304	1.31000	1.84304	1.31000	1.84304	1.31000	1.84304
Next 25 hgal	1.17000	1.64607	1.17000	1.64607	1.17000	1.64607	1.17000	1.64607	1.17000	1.64607
Over 75 hgal	1.04000	1.46318	1.04000	1.46318	1.04000	1.46318	1.04000	1.46318	1.04000	1.46318
PCOP & Capital Rider Surcharge	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%	40.69%	0.00%

SOURCE: WHN Workpaper 100-2.06-Rate Design.

	Fixed Charges	1.406560%	
	Vol Charges	0.00%	0.00%

Other Rates

	Fire Service	
Customer Class	**Current**	**Authorized**
Customer Charge (Service Line):		
1" Service	9.20	13.13
1 1/2" Service	20.75	29.60
2' Service	36.91	52.66
2 1/2" Service	56.28	80.29
3" Service	82.96	118.36
4" Service	166.13	237.02
6" Service	332.00	473.66
8" Service	664.56	948.12
10" Service	996.91	1,422.28
12" Service	1,329.33	1,896.54
Private Hydrants	316.72	451.86
PCOP & Capital Rider Surcharge	40.69%	0.00%

	Special Contract	
Customer	**Current**	**Authorized**
Catoosa Utility - Per Hundred Gallons	0.16246	0.22856
Fort Oglethorpe - Per Hundred Gallons	0.14095	0.19830
Signal Mountain - Per Hundred Gallons	0.13829	0.19456
Walker County - Per Hundred Gallons	0.13516	0.19016

SOURCE: WHN Workpaper 100-2.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Chattanooga Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Chattanooga - Residential:								
Customer Charge (Service Line):								
5/8" Monthly	812,041	13.96	11,336,095	19.64	15,948,752	19.92	16,175,860	
3/4" Monthly	791	23.45	18,544	32.99	26,089	33.46	26,459	
1" Monthly	2,538	39.01	98,999	54.88	139,281	55.66	141,253	
1-1/2" Monthly	303	78.05	23,655	109.81	33,280	111.35	33,747	
2" Monthly	198	124.88	24,763	175.69	34,839	178.16	35,328	
3" Monthly	11	234.52	2,553	329.95	3,592	334.59	3,643	
4" Monthly	12	390.25	4,683	549.04	6,589	556.77	6,681	
6" Monthly	0	780.50	0	1,098.09	0	1,113.53	0	
8" Monthly	0	1,248.77	0	1,756.89	0	1,781.61	0	
Total Customer Charge	**815,894**		**11,509,292**		**16,192,422**		**16,422,971.00**	
Volumetric Charge:								
First 30 hgal	18,045,811	0.03566	643,514	0.05017	905,359	0.05017	905,358	
Next 456 hgal	11,810,590	0.56555	6,679,479	0.79567	9,397,359	0.79567	9,397,332	
Next 3,254 hgal	494,635	0.35531	175,749	0.49989	247,261	0.49989	247,263	
Next 33,660 hgal	43,661	0.26564	11,598	0.37373	16,317	0.37373	16,317	
Next 74,600 hgal	0	0.20305	0	0.28567	0	0.28567	0	
Over 112,000 hgal	0	0.12057	0	0.16963	0	0.16963	0	
Total Volumetric Charge	**30,394,697**		**7,510,340**		**10,566,296**		**10,566,270.00**	
PCOP and Capital Rider Revenue		40.69%	**7,739,088**		**0**			
Total Residential Revenue			**26,758,720**		**26,758,718**		**26,989,241.00**	230,523

SOURCE: WHN Workpapers 5.0-Chattanooga and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Chattanooga Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Chattanooga - Commercial:								
Customer Charge (Service Line):								
5/8" Monthly	62,576	17.82	1,115,107	25.07	1,568,844	25.42	1,590,686	
3/4" Monthly	1,294	29.93	38,722	42.11	54,478	42.70	55,244	
1" Monthly	19,224	49.81	957,530	70.08	1,347,149	71.06	1,366,032	
1-1/2" Monthly	5,392	99.66	537,362	140.21	756,014	142.18	766,627	
2" Monthly	14,561	159.44	2,321,561	224.32	3,266,204	227.47	3,312,126	
3" Monthly	908	298.98	271,382	420.63	381,808	426.55	387,177	
4" Monthly	529	498.31	263,606	701.07	370,867	710.93	376,082	
6" Monthly	280	996.64	279,130	1,402.17	392,708	1,421.90	398,233	
8" Monthly	37	1,594.61	59,001	2,243.46	83,008	2,275.01	84,175	
Total Customer Charge	**104,800**		**5,843,401**		**8,221,080**		**8,336,382.00**	
Volumetric Charge:								
First 30 hgal	2,001,090	0.03155	63,134	0.04439	88,824	0.04439	88,828	
Next 456 hgal	9,536,842	0.49953	4,763,939	0.70279	6,702,385	0.70279	6,702,397	
Next 3,254 hgal	12,720,273	0.31389	3,992,766	0.44161	5,617,423	0.44161	5,617,400	
Next 33,660 hgal	5,138,959	0.23460	1,205,600	0.33006	1,696,158	0.33006	1,696,165	
Next 74,600 hgal	54,705	0.17925	9,806	0.25219	13,796	0.25219	13,796	
Over 112,000 hgal	0	0.10648	0	0.14981	0	0.14981	0	
Total Volumetric Charge	**29,451,869**		**10,035,245**		**14,118,586**		**14,118,586.00**	
PCOP and Capital Rider Revenue		40.69%	**6,461,021**		0			
Total Commercial Revenue			**22,339,667**		**22,339,666**		**22,454,968.00**	115,302

SOURCE: WHN Workpapers 5.0-Chattanooga and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Chattanooga Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Chattanooga - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	215	37.16	7,997	52.28	11,251	53.02	11,410	
3/4" Monthly	17	62.46	1,057	87.87	1,487	89.11	1,508	
1" Monthly	290	103.85	30,117	146.11	42,371	148.16	42,967	
1-1/2" Monthly	84	207.80	17,455	292.35	24,558	296.47	24,903	
2" Monthly	914	332.45	303,817	467.72	427,440	474.30	433,449	
3" Monthly	0	623.30	0	876.92	0	889.26	0	
4" Monthly	198	1,038.90	205,702	1,461.63	289,402	1,482.19	293,474	
6" Monthly	64	2,077.79	132,979	2,923.24	187,088	2,964.36	189,719	
8" Monthly	12	3,324.43	39,893	4,677.14	56,126	4,742.93	56,915	
Total Customer Charge	**1,794**		**739,017**		**1,039,723**		**1,054,345.00**	
Volumetric Charge:								
First 30 hgal	35,555	0.03291	1,170	0.04630	1,646	0.04630	1,646	
Next 456 hgal	368,389	0.52263	192,531	0.73529	270,872	0.73529	270,873	
Next 3,254 hgal	1,612,327	0.32846	529,585	0.46211	745,073	0.46211	745,072	
Next 33,660 hgal	5,814,243	0.23198	1,348,788	0.32637	1,897,610	0.32637	1,897,594	
Next 74,600 hgal	4,891,725	0.17723	866,960	0.24934	1,219,727	0.24934	1,219,703	
Over 112,000 hgal	6,656,680	0.10543	701,814	0.14833	987,382	0.14833	987,385	
Total Volumetric Charge	**19,378,919**		**3,640,848**		**5,122,310**		**5,122,273.00**	
PCOP and Capital Rider Revenue		40.69%	**1,782,167**		0			
Total Industrial Revenue			**6,162,032**		**6,162,033**		**6,176,618.00**	14,585

SOURCE: WHN Workpapers 5.0-Chattanooga and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Chattanooga Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Chattanooga - Other Public Authority:								
Customer Charge (Service Line):								
5/8" Monthly	1,992	16.33	32,527	22.97	45,762	23.30	46,410	
3/4" Monthly	115	27.43	3,154	38.59	4,438	39.13	4,500	
1" Monthly	1,611	45.63	73,522	64.20	103,438	65.10	104,893	
1-1/2" Monthly	872	91.30	79,635	128.45	112,038	130.26	113,617	
2" Monthly	3,497	146.07	510,746	205.51	718,569	208.40	728,688	
3" Monthly	101	273.88	27,680	385.32	38,943	390.74	39,490	
4" Monthly	264	456.48	120,511	642.22	169,547	651.25	171,930	
6" Monthly	59	912.97	53,865	1,284.46	75,783	1,302.52	76,849	
8" Monthly	0	1,460.71	0	2,055.07	0	2,083.98	0	
Total Customer Charge	**8,511**		**901,640**		**1,268,518**		**1,286,377.00**	
Volumetric Charge:								
First 30 hgal	133,018	0.03365	4,476	0.04734	6,297	0.04734	6,297	
Next 456 hgal	957,759	0.53388	511,328	0.75112	719,388	0.75112	719,392	
Next 3,254 hgal	2,097,744	0.33540	703,583	0.47187	989,871	0.47187	989,862	
Next 33,660 hgal	3,010,015	0.25076	754,791	0.35279	1,061,916	0.35279	1,061,903	
Next 74,600 hgal	438,845	0.19168	84,118	0.26967	118,345	0.26967	118,343	
Over 112,000 hgal	0	0.11382	0	0.16013	0	0.16013	0	
Total Volumetric Charge	**6,637,381**		**2,058,296**		**2,895,817**		**2,895,797.00**	
PCOP and Capital Rider Revenue		40.69%	**1,204,398**		0			
Total Other Public Authority Revenue			**4,164,334**		**4,164,335**		**4,182,174.00**	17,839

SOURCE: WHN Workpapers 5.0-Chattanooga and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Chattanooga Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Chattanooga - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	14.14	0	19.89	0	19.89	0
3/4" Monthly	0	23.76	0	33.43	0	33.43	0
1" Monthly	0	39.52	0	55.60	0	55.60	0
1-1/2" Monthly	0	79.07	0	111.24	0	111.24	0
2" Monthly	0	126.46	0	177.92	0	177.92	0
3" Monthly	0	237.18	0	333.69	0	333.69	0
4" Monthly	12	395.34	4,700	556.20	6,612	556.20	6,612
6" Monthly	0	790.64	0	1,112.35	0	1,112.35	0
8" Monthly	0	1,265.00	0	1,779.73	0	1,779.73	0
Total Customer Charge	**12**		**4,700**		**6,612**		**6,612.00**
Volumetric Charge:							
First 30 hgal	0	0.03115	0	0.04382	0	0.04382	0
Next 456 hgal	0	0.49412	0	0.69518	0	0.69518	0
Next 3,254 hgal	0	0.31043	0	0.43674	0	0.43674	0
Next 33,660 hgal	0	0.23209	0	0.32653	0	0.32653	0
Next 74,600 hgal	0	0.17741	0	0.24960	0	0.24960	0
Over 112,000 hgal	0	0.10535	0	0.14822	0	0.14822	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**501,221**		0		
Special Contract Revenue:							
Catoosa Utility	948,212	0.16246	154,047	0.22856	216,728	0.22856	216,723
Fort Oglethorpe	2,882,309	0.14095	406,261	0.19830	571,569	0.19830	571,562
Signal Mountain	3,376,299	0.13829	466,908	0.19456	656,893	0.19456	656,893
Walker County	1,478,905	0.13516	199,889	0.19016	281,224	0.19016	281,229
Total Special Contract Revenue	**8,685,725**		**1,227,105**		**1,726,414**		**1,726,407.00**
Total Other Water Utility Revenue			**1,733,026**		**1,733,026**		**1,733,019.00**

SOURCE: WHN Workpapers 5.0-Chattanooga and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Chattanooga Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Chattanooga - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	8	20.75	166	29.19	234	29.60	237
2' Service	212	36.91	7,825	51.93	11,009	52.66	11,164
2 1/2" Service	4	56.28	225	79.18	317	80.29	321
3" Service	8	82.96	664	116.72	934	118.36	947
4" Service	702	166.13	116,623	233.73	164,077	237.02	166,388
6" Service	4,719	332.00	1,566,708	467.09	2,204,201	473.66	2,235,202
8" Service	1,547	664.56	1,028,074	934.97	1,446,398	948.12	1,466,742
10" Service	72	996.91	71,778	1,402.55	100,984	1,422.28	102,404
12" Service	80	1,329.33	106,346	1,870.23	149,619	1,896.54	151,723
Private Hydrants	8	316.72	2,534	445.59	3,565	451.86	3,615
Total Customer Charge	**7,360**		**2,900,943**		**4,081,338**		**4,138,743.00**
PCOP and Capital Rider Revenue		40.69%	**1,180,394**		0		0
Total Private Fire Revenue			**4,081,337**		**4,081,338**		**4,138,743.00**

SOURCE: WHN Workpapers 5.0-Chattanooga and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lakeview Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues			40.69%		Per Order		
	Determinant	Rate	Revenue	Rates Plus Riders	Revenue	Rates	Revenue	
Lakeview - Residential:								
Customer Charge (Service Line):								
5/8" Monthly	33,755	15.66	528,603	22.03	743,692	22.34	754,087	
3/4" Monthly	0	23.45	0	32.99	0	33.46	0	
1" Monthly	36	39.00	1,404	54.87	1,975	55.64	2,003	
1-1/2" Monthly	0	78.05	0	109.81	0	111.35	0	
2" Monthly	0	124.88	0	175.69	0	178.16	0	
3" Monthly	0	234.14	0	329.41	0	334.04	0	
4" Monthly	0	390.25	0	549.04	0	556.77	0	
6" Monthly	0	780.50	0	1,098.09	0	1,113.53	0	
8" Monthly	0	1,248.77	0	1,756.89	0	1,781.61	0	
Total Customer Charge	**33,791**		**530,007**		**745,667**		**756,090.00**	
Volumetric Charge:								
First 30 hgal	744,634	0.06564	48,878	0.09235	68,766	0.09235	68,767	
Next 456 hgal	449,924	0.62324	280,411	0.87684	394,510	0.87684	394,511	
Next 3,254 hgal	9,373	0.41301	3,871	0.58106	5,446	0.58106	5,446	
Next 33,660 hgal	1,092	0.29516	322	0.41526	454	0.41526	454	
Next 74,600 hgal	0	0.23274	0	0.32744	0	0.32744	0	
Over 112,000 hgal	0	0.15027	0	0.21141	0	0.21141	0	
Total Volumetric Charge	**1,205,023**		**333,482**		**469,176**		**469,178.00**	
PCOP and Capital Rider Revenue		40.69%	**351,354**		**0**			
Total Residential Revenue			**1,214,843**		**1,214,843**		**1,225,268**	10,425

SOURCE: WHN Workpapers 6.0-Lakeview and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lakeview Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Lakeview - Commercial:								
Customer Charge (Service Line):								
5/8" Monthly	1,509	20.01	30,195	28.15	42,481	28.55	43,082	
3/4" Monthly	0	29.93	0	42.11	0	42.70	0	
1" Monthly	168	49.81	8,364	70.08	11,767	71.06	11,932	
1-1/2" Monthly	0	99.66	0	140.21	0	142.18	0	
2" Monthly	72	159.44	11,493	224.32	16,170	227.47	16,397	
3" Monthly	0	298.97	0	420.62	0	426.54	0	
4" Monthly	0	498.31	0	701.07	0	710.93	0	
6" Monthly	5	996.64	4,983	1,402.17	7,011	1,421.90	7,110	
8" Monthly	0	1,594.61	0	2,243.46	0	2,275.01	0	
Total Customer Charge	**1,754**		**55,036**		**77,429**		**78,521.00**	
Volumetric Charge:								
First 30 hgal	29,263	0.05781	1,692	0.08133	2,380	0.08133	2,380	
Next 456 hgal	68,731	0.55052	37,838	0.77453	53,234	0.77453	53,234	
Next 3,254 hgal	32,615	0.36489	11,901	0.51336	16,744	0.51336	16,743	
Next 33,660 hgal	5,850	0.26087	1,526	0.36702	2,147	0.36702	2,147	
Next 74,600 hgal	0	0.20563	0	0.28930	0	0.28930	0	
Over 112,000 hgal	0	0.13259	0	0.18654	0	0.18654	0	
Total Volumetric Charge	**136,459**		**52,957**		**74,505**		**74,504**	
PCOP and Capital Rider Revenue		40.69%	**43,942**		0			
Total Commercial Revenue			**151,934**		**151,934**		**153,025.00**	1,091

SOURCE: WHN Workpapers 6.0-Lakeview and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lakeview Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Lakeview - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	0	39.94	0	56.19	0	56.98	0	
3/4" Monthly	0	59.82	0	84.16	0	85.34	0	
1" Monthly	0	99.51	0	140.00	0	141.97	0	
1-1/2" Monthly	0	199.10	0	280.11	0	284.05	0	
2" Monthly	0	318.53	0	448.14	0	454.44	0	
3" Monthly	0	597.24	0	840.26	0	852.08	0	
4" Monthly	0	995.43	0	1,400.47	0	1,420.17	0	
6" Monthly	0	1,990.87	0	2,800.96	0	2,840.35	0	
8" Monthly	0	3,185.32	0	4,481.43	0	4,544.46	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 30 hgal	0	0.05813	0	0.08178	0	0.08178	0	
Next 456 hgal	0	0.55191	0	0.77648	0	0.77648	0	
Next 3,254 hgal	0	0.36572	0	0.51453	0	0.51453	0	
Next 33,660 hgal	0	0.26139	0	0.36775	0	0.36775	0	
Next 74,600 hgal	0	0.20610	0	0.28996	0	0.28996	0	
Over 112,000 hgal	0	0.13306	0	0.18720	0	0.18720	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Industrial Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 6.0-Lakeview and 100-3.00-Rate Design.
Note *: Proposed Lakeview Industrial Rates are designed to equal Proposed Chattanooga Industrial Rates.*

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Rate Design - Lakeview Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Lakeview - Other Public Authority:								
Customer Charge (Service Line):								
5/8" Monthly	49	18.30	897	25.75	1,262	26.11	1,279	
3/4" Monthly	0	27.43	0	38.59	0	39.13	0	
1" Monthly	0	45.68	0	64.27	0	65.17	0	
1-1/2" Monthly	0	91.35	0	128.52	0	130.33	0	
2" Monthly	24	146.08	3,506	205.52	4,932	208.41	5,002	
3" Monthly	0	273.88	0	385.32	0	390.74	0	
4" Monthly	0	456.48	0	642.22	0	651.25	0	
6" Monthly	0	912.97	0	1,284.46	0	1,302.52	0	
8" Monthly	0	1,460.71	0	2,055.07	0	2,083.98	0	
Total Customer Charge	**73**		**4,403**		**6,194**		**6,281.00**	
Volumetric Charge:								
First 30 hgal	1,553	0.06180	96	0.08695	135	0.08695	135	
Next 456 hgal	14,524	0.58829	8,544	0.82767	12,021	0.82767	12,021	
Next 3,254 hgal	10,114	0.38988	3,943	0.54852	5,548	0.54852	5,548	
Next 33,660 hgal	0	0.27864	0	0.39202	0	0.39202	0	
Next 74,600 hgal	0	0.21971	0	0.30911	0	0.30911	0	
Over 112,000 hgal	0	0.14184	0	0.19955	0	0.19955	0	
Total Volumetric Charge	**26,191**		**12,584**		**17,704**		**17,704.00**	
PCOP and Capital Rider Revenue		40.69%	**6,912**		0			
Total Other Public Authority Revenue			**23,898**		**23,898**		**23,985.00**	87

SOURCE: WHN Workpapers 6.0-Lakeview and 100-3.00-Rate Design.

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Rate Design - Lakeview Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Lakeview - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	15.86	0	22.31	0	22.31	0
3/4" Monthly	0	23.76	0	33.43	0	33.43	0
1" Monthly	0	39.52	0	55.60	0	55.60	0
1-1/2" Monthly	0	79.07	0	111.24	0	111.24	0
2" Monthly	0	126.46	0	177.92	0	177.92	0
3" Monthly	0	237.18	0	333.69	0	333.69	0
4" Monthly	0	395.34	0	556.20	0	556.20	0
6" Monthly	0	790.64	0	1,112.35	0	1,112.35	0
8" Monthly	0	1,265.00	0	1,779.73	0	1,779.73	0
Total Customer Charge	**0**		**0**		**0**		**0**
Volumetric Charge:							
First 30 hgal	0	0.05735	0	0.08069	0	0.08069	0
Next 456 hgal	0	0.54452	0	0.76609	0	0.76609	0
Next 3,254 hgal	0	0.36083	0	0.50765	0	0.50765	0
Next 33,660 hgal	0	0.25789	0	0.36283	0	0.36283	0
Next 74,600 hgal	0	0.20334	0	0.28608	0	0.28608	0
Over 112,000 hgal	0	0.13128	0	0.18470	0	0.18470	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		
Total Other Water Utility Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 6.0-Lakeview and 100-3.00-Rate Design.
Note *: Proposed Lakeview OWU Rates are designed to equal Proposed Chattanooga OWU Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lakeview Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Lakeview - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	0	20.75	0	29.19	0	29.60	0
2' Service	0	36.91	0	51.93	0	52.66	0
2 1/2" Service	0	56.28	0	79.18	0	80.29	0
3" Service	0	82.96	0	116.72	0	118.36	0
4" Service	0	166.13	0	233.73	0	237.02	0
6" Service	0	332.00	0	467.09	0	473.66	0
8" Service	0	664.56	0	934.97	0	948.12	0
10" Service	0	996.91	0	1,402.55	0	1,422.28	0
12" Service	0	1,329.33	0	1,870.23	0	1,896.54	0
Private Hydrants	0	316.72	0	445.59	0	451.86	0
Total Customer Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		0
Total Private Fire Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 6.0-Lakeview and 100-3.00-Rate Design.

Note *: Proposed Lakeview Private Fire Rates are designed to equal Proposed Chattanooga Private Fire Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lookout Mountain Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
	Attrition Period Revenues							
Lookout Mountain - Residential:								
Customer Charge (Service Line):								
5/8" Monthly	22,590	15.66	353,761	22.03	497,706	22.34	504,663	
3/4" Monthly	442	23.45	10,360	32.99	14,576	33.46	14,782	
1" Monthly	1,325	39.01	51,692	54.88	72,726	55.66	73,755	
1-1/2" Monthly	24	78.05	1,873	109.81	2,635	111.35	2,672	
2" Monthly	40	124.89	4,996	175.71	7,028	178.18	7,127	
3" Monthly	0	234.14	0	329.41	0	334.04	0	
4" Monthly	0	390.25	0	549.04	0	556.77	0	
6" Monthly	0	780.50	0	1,098.09	0	1,113.53	0	
8" Monthly	0	1,248.77	0	1,756.89	0	1,781.61	0	
Total Customer Charge	**24,421**		**422,682**		**594,671**		**602,999.00**	
Volumetric Charge:								
First 30 hgal	582,540	0.13282	77,373	0.18686	108,856	0.18686	108,853	
Next 456 hgal	895,597	0.72850	652,442	1.02493	917,921	1.02493	917,924	
Next 3,254 hgal	96,932	0.51826	50,236	0.72914	70,677	0.72914	70,677	
Next 33,660 hgal	3,439	0.36183	1,244	0.50906	1,751	0.50906	1,751	
Next 74,600 hgal	0	0.29991	0	0.42194	0	0.42194	0	
Over 112,000 hgal	0	0.21743	0	0.30590	0	0.30590	0	
Total Volumetric Charge	**1,578,509**		**781,296**		**1,099,205**		**1,099,205.00**	
PCOP and Capital Rider Revenue		40.69%	**489,899**		**0**			
Total Residential Revenue			**1,693,877**		**1,693,876**		**1,702,204.00**	8,328

SOURCE: WHN Workpapers 7.0-Lookout Mtn and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lookout Mountain Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Lookout Mountain - Commercial:								
Customer Charge (Service Line):								
5/8" Monthly	690	20.01	13,812	28.15	19,432	28.55	19,707	
3/4" Monthly	12	29.93	359	42.11	505	42.70	512	
1" Monthly	251	49.81	12,498	70.08	17,584	71.06	17,830	
1-1/2" Monthly	72	99.66	7,164	140.21	10,079	142.18	10,220	
2" Monthly	78	159.44	12,428	224.32	17,484	227.47	17,730	
3" Monthly	0	298.97	0	420.62	0	426.54	0	
4" Monthly	0	498.31	0	701.07	0	710.93	0	
6" Monthly	0	996.64	0	1,402.17	0	1,421.90	0	
8" Monthly	0	1,594.61	0	2,243.46	0	2,275.01	0	
Total Customer Charge	**1,103**		**46,261**		**65,084**		**65,999.00**	
Volumetric Charge:								
First 30 hgal	18,727	0.11723	2,195	0.16493	3,089	0.16493	3,089	
Next 456 hgal	101,814	0.64342	65,509	0.90523	92,165	0.90523	92,165	
Next 3,254 hgal	95,840	0.45778	43,874	0.64405	61,726	0.64405	61,726	
Next 33,660 hgal	154,261	0.32001	49,365	0.45022	69,452	0.45022	69,451	
Next 74,600 hgal	0	0.26507	0	0.37293	0	0.37293	0	
Over 112,000 hgal	0	0.19203	0	0.27017	0	0.27017	0	
Total Volumetric Charge	**370,641**		**160,943**		**226,432**		**226,431.00**	
PCOP and Capital Rider Revenue		40.69%	**84,311**		0			
Total Commercial Revenue			**291,515**		**291,516**		**292,430.00**	914

SOURCE: WHN Workpapers 7.0-Lookout Mtn and 100-3.00-Rate Design.

To "100-1.00-Rate Design" tab

				40.69%				
	Attrition Period Revenues			**Rates**		**Per Order**		
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**	
Lookout Mountain - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	0	39.94	0	56.19	0	56.98	0	
3/4" Monthly	0	59.82	0	84.16	0	85.34	0	
1" Monthly	0	99.51	0	140.00	0	141.97	0	
1-1/2" Monthly	0	199.10	0	280.11	0	284.05	0	
2" Monthly	0	318.53	0	448.14	0	454.44	0	
3" Monthly	0	597.24	0	840.26	0	852.08	0	
4" Monthly	0	995.43	0	1,400.47	0	1,420.17	0	
6" Monthly	0	1,990.87	0	2,800.96	0	2,840.35	0	
8" Monthly	0	3,185.32	0	4,481.43	0	4,544.46	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 30 hgal	0	0.11762	0	0.16548	0	0.16548	0	
Next 456 hgal	0	0.64513	0	0.90763	0	0.90763	0	
Next 3,254 hgal	0	0.45896	0	0.64571	0	0.64571	0	
Next 33,660 hgal	0	0.32087	0	0.45143	0	0.45143	0	
Next 74,600 hgal	0	0.26559	0	0.37366	0	0.37366	0	
Over 112,000 hgal	0	0.19255	0	0.27090	0	0.27090	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Industrial Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 7.0-Lookout Mtn and 100-3.00-Rate Design.
Note *: Proposed Lookout Mountain Industrial Rates are designed to equal Proposed Chattanooga Industrial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lookout Mountain Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Lookout Mountain - Other Public Authority:							
Customer Charge (Service Line):							
5/8" Monthly	127	18.32	2,327	25.77	3,273	26.14	3,320
3/4" Monthly	0	27.45	0	38.62	0	39.16	0
1" Monthly	68	45.64	3,104	64.21	4,366	65.11	4,428
1-1/2" Monthly	12	91.35	1,096	128.52	1,542	130.33	1,564
2" Monthly	75	146.07	10,955	205.51	15,413	208.40	15,630
3" Monthly	0	273.88	0	385.32	0	390.74	0
4" Monthly	0	456.48	0	642.22	0	651.25	0
6" Monthly	0	912.97	0	1,284.46	0	1,302.52	0
8" Monthly	0	1,460.71	0	2,055.07	0	2,083.98	0
Total Customer Charge	**282**		**17,482**		**24,594**		**24,942.00**
Volumetric Charge:							
First 30 hgal	5,463	0.12544	685	0.17648	964	0.17648	964
Next 456 hgal	28,382	0.68770	19,518	0.96753	27,460	0.96753	27,461
Next 3,254 hgal	17,122	0.48925	8,377	0.68833	11,785	0.68833	11,785
Next 33,660 hgal	0	0.34205	0	0.48123	0	0.48123	0
Next 74,600 hgal	0	0.28311	0	0.39831	0	0.39831	0
Over 112,000 hgal	0	0.20525	0	0.28877	0	0.28877	0
Total Volumetric Charge	**50,967**		**28,580**		**40,209**		**40,210.00**
PCOP and Capital Rider Revenue		40.69%	**18,743**		0		
Total Other Public Authority Revenue			**64,805**		**64,803**		**65,152.00**

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SOURCE: WHN Workpapers 7.0-Lookout Mtn and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lookout Mountain Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Lookout Mountain - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	15.86	0	22.31	0	22.31	0
3/4" Monthly	0	23.76	0	33.43	0	33.43	0
1" Monthly	0	39.52	0	55.60	0	55.60	0
1-1/2" Monthly	0	79.07	0	111.24	0	111.24	0
2" Monthly	0	126.46	0	177.92	0	177.92	0
3" Monthly	0	237.18	0	333.69	0	333.69	0
4" Monthly	0	395.34	0	556.20	0	556.20	0
6" Monthly	0	790.64	0	1,112.35	0	1,112.35	0
8" Monthly	0	1,265.00	0	1,779.73	0	1,779.73	0
Total Customer Charge	**0**		**0**		**0**		**0**
Volumetric Charge:							
First 30 hgal	0	0.11604	0	0.16326	0	0.16326	0
Next 456 hgal	0	0.63650	0	0.89549	0	0.89549	0
Next 3,254 hgal	0	0.45281	0	0.63706	0	0.63706	0
Next 33,660 hgal	0	0.31658	0	0.44540	0	0.44540	0
Next 74,600 hgal	0	0.26203	0	0.36865	0	0.36865	0
Over 112,000 hgal	0	0.18997	0	0.26727	0	0.26727	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		
Total Other Water Utility Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 7.0-Lookout Mtn and 100-3.00-Rate Design.

Note *: Proposed Lookout Mountain OWU Rates are designed to equal Proposed Chattanooga OWU Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Lookout Mountain Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Lookout Mountain - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	0	20.75	0	29.19	0	29.60	0
2' Service	0	36.91	0	51.93	0	52.66	0
2 1/2" Service	0	56.28	0	79.18	0	80.29	0
3" Service	0	82.96	0	116.72	0	118.36	0
4" Service	0	166.13	0	233.73	0	237.02	0
6" Service	0	332.00	0	467.09	0	473.66	0
8" Service	0	664.56	0	934.97	0	948.12	0
10" Service	0	996.91	0	1,402.55	0	1,422.28	0
12" Service	0	1,329.33	0	1,870.23	0	1,896.54	0
Private Hydrants	0	316.72	0	445.59	0	451.86	0
Total Customer Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		0
Total Private Fire Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 7.0-Lookout Mtn and 100-3.00-Rate Design.

Note *: Proposed Lookout Mountain Private Fire Rates are designed to equal Proposed Chattanooga Private Fire Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Suck Creek Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

	Attrition Period Revenues			40.69% Rates		Per Order		
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**	
Suck Creek - Residential:								
Customer Charge (Service Line):								
5/8" Monthly	2,828	30.60	86,528	43.05	121,736	43.66	123,458	
3/4" Monthly	0	30.60	0	43.05	0	43.66	0	
1" Monthly	36	30.60	1,102	43.05	1,550	43.66	1,572	
1-1/2" Monthly	0	30.60	0	43.05	0	43.66	0	
2" Monthly	16	30.60	499	43.05	702	43.66	711	
3" Monthly	0	30.60	0	43.05	0	43.66	0	
4" Monthly	0	30.60	0	43.05	0	43.66	0	
6" Monthly	0	30.60	0	43.05	0	43.66	0	
8" Monthly	0	30.60	0	43.05	0	43.66	0	
Total Customer Charge	**2,880**		**88,128**		**123,988**		**125,741.00**	
Volumetric Charge:								
First 15 hgal	39,335	0.00000	0	0.00000	0	0.00000	0	
Next 79 hgal	63,924	0.60731	38,822	0.85442	54,619	0.85442	54,618	
Over 94 hgal	13,424	0.45551	6,115	0.64086	8,603	0.64086	8,603	
Total Volumetric Charge	**116,683**		**44,937**		**63,222**		**63,221.00**	
PCOP and Capital Rider Revenue		40.69%	**54,144**		**0**			
Total Residential Revenue			**187,209**		**187,210**		**188,962.00**	1,752

SOURCE: WHN Workpapers 8.0-Suck Creek and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Suck Creek Area Rate Design by Customer Class

		To "100-1.00-Rate Design" tab		**40.69%**				
	Attrition Period Revenues			**Rates**		**Per Order**		
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**	
Suck Creek - Commercial:								
Customer Charge (Service Line):								
5/8" Monthly	62	39.06	2,422	54.95	3,407	55.73	3,455	
3/4" Monthly	0	39.06	0	54.95	0	55.73	0	
1" Monthly	0	39.06	0	54.95	0	55.73	0	
1-1/2" Monthly	0	39.06	0	54.95	0	55.73	0	
2" Monthly	0	39.06	0	54.95	0	55.73	0	
3" Monthly	0	39.06	0	54.95	0	55.73	0	
4" Monthly	0	39.06	0	54.95	0	55.73	0	
6" Monthly	0	39.06	0	54.95	0	55.73	0	
8" Monthly	0	39.06	0	54.95	0	55.73	0	
Total Customer Charge	**62**		**2,422**		**3,407**		**3,455.00**	
Volumetric Charge:								
First 15 hgal	576	0.00000	0	0.00000	0	0.00000	0	
Next 79 hgal	989	0.53533	530	0.75316	745	0.75316	745	
Over 94 hgal	702	0.40241	282	0.56615	397	0.56615	397	
Total Volumetric Charge	**2,267**		**812**		**1,142**		**1,142.00**	
PCOP and Capital Rider Revenue		40.69%	**1,316**		0			
Total Commercial Revenue			**4,550**		**4,549**		**4,597.00**	48

SOURCE: WHN Workpapers 8.0-Suck Creek and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Suck Creek Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Suck Creek - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	0	39.06	0	54.95	0	55.73	0	
3/4" Monthly	0	39.06	0	54.95	0	55.73	0	
1" Monthly	0	39.06	0	54.95	0	55.73	0	
1-1/2" Monthly	0	39.06	0	54.95	0	55.73	0	
2" Monthly	0	39.06	0	54.95	0	55.73	0	
3" Monthly	0	39.06	0	54.95	0	55.73	0	
4" Monthly	0	39.06	0	54.95	0	55.73	0	
6" Monthly	0	39.06	0	54.95	0	55.73	0	
8" Monthly	0	39.06	0	54.95	0	55.73	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 15 hgal	0	0.00000	0	0.00000	0	0.00000	0	
Next 79 hgal	0	0.53533	0	0.75316	0	0.75316	0	
Over 94 hgal	0	0.40241	0	0.56615	0	0.56615	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Industrial Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 8.0-Suck Creek and 100-3.00-Rate Design.
***Note**: Proposed Suck Creek Industrial Rates are designed to equal Proposed Suck Creek Commercial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Suck Creek Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Suck Creek - Other Public Authority:								
Customer Charge (Service Line):								
5/8" Monthly	0	39.06	0	54.95	0	55.73	0	
3/4" Monthly	0	39.06	0	54.95	0	55.73	0	
1" Monthly	0	39.06	0	54.95	0	55.73	0	
1-1/2" Monthly	0	39.06	0	54.95	0	55.73	0	
2" Monthly	0	39.06	0	54.95	0	55.73	0	
3" Monthly	0	39.06	0	54.95	0	55.73	0	
4" Monthly	0	39.06	0	54.95	0	55.73	0	
6" Monthly	0	39.06	0	54.95	0	55.73	0	
8" Monthly	0	39.06	0	54.95	0	55.73	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 15 hgal	0	0.00000	0	0.00000	0	0.00000	0	
Next 79 hgal	0	0.53533	0	0.75316	0	0.75316	0	
Over 94 hgal	0	0.40241	0	0.56615	0	0.56615	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Other Public Authority Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 8.0-Suck Creek and 100-3.00-Rate Design.
Note *: Proposed Suck Creek OPA Rates are designed to equal Proposed Suck Creek Commercial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Suck Creek Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Suck Creek - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	39.06	0	54.95	0	54.95	0
3/4" Monthly	0	39.06	0	54.95	0	54.95	0
1" Monthly	0	39.06	0	54.95	0	54.95	0
1-1/2" Monthly	0	39.06	0	54.95	0	54.95	0
2" Monthly	0	39.06	0	54.95	0	54.95	0
3" Monthly	0	39.06	0	54.95	0	54.95	0
4" Monthly	0	39.06	0	54.95	0	54.95	0
6" Monthly	0	39.06	0	54.95	0	54.95	0
8" Monthly	0	39.06	0	54.95	0	54.95	0
Total Customer Charge	**0**		**0**		**0**		**0**
Volumetric Charge:							
First 15 hgal	0	0.00000	0	0.00000	0	0.00000	0
Next 79 hgal	0	0.53533	0	0.75316	0	0.75316	0
Over 94 hgal	0	0.40241	0	0.56615	0	0.56615	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		
Total Other Water Utility Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 8.0-Suck Creek and 100-3.00-Rate Design.
Note *: Proposed Suck Creek OWU Rates are designed to equal Proposed Suck Creek Commercial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Suck Creek Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Suck Creek - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	0	20.75	0	29.19	0	29.60	0
2' Service	0	36.91	0	51.93	0	52.66	0
2 1/2" Service	0	56.28	0	79.18	0	80.29	0
3" Service	0	82.96	0	116.72	0	118.36	0
4" Service	0	166.13	0	233.73	0	237.02	0
6" Service	0	332.00	0	467.09	0	473.66	0
8" Service	0	664.56	0	934.97	0	948.12	0
10" Service	0	996.91	0	1,402.55	0	1,422.28	0
12" Service	0	1,329.33	0	1,870.23	0	1,896.54	0
Private Hydrants	0	316.72	0	445.59	0	451.86	0
Total Customer Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		0
Total Private Fire Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 8.0-Suck Creek and 100-3.00-Rate Design.
Note *: Proposed Suck Creek Private Fire Rates are designed to equal Proposed Chattanooga Private Fire Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Inside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues			40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
	Determinant	Rate	Revenue					
Whitwell-Inside City - Residential:								
Customer Charge (Service Line):								
5/8" Monthly	8,825	20.45	180,471	28.77	253,905	29.18	257,514	
3/4" Monthly	0	20.45	0	28.77	0	29.18	0	
1" Monthly	12	20.45	245	28.77	345	29.18	350	
1-1/2" Monthly	0	20.45	0	28.77	0	29.18	0	
2" Monthly	24	20.45	491	28.77	691	29.18	700	
3" Monthly	0	20.45	0	28.77	0	29.18	0	
4" Monthly	0	20.45	0	28.77	0	29.18	0	
6" Monthly	0	20.45	0	28.77	0	29.18	0	
8" Monthly	0	20.45	0	28.77	0	29.18	0	
Total Customer Charge	**8,861**		**181,207**		**254,941**		**258,564.00**	
Volumetric Charge:								
First 20 hgal	136,187	0.00000	0	0.00000	0	0.00000	0	
Next 20 hgal	75,565	0.48000	36,271	0.67531	51,030	0.67531	51,030	
Next 20 hgal	35,739	0.45600	16,297	0.64155	22,928	0.64155	22,929	
Over 60 hgal	86,793	0.41900	36,366	0.58949	51,164	0.58949	51,164	
Total Volumetric Charge	**334,284**		**88,934**		**125,122**		**125,123.00**	
PCOP and Capital Rider Revenue		40.69%	**109,921**		**0**			
Total Residential Revenue			**380,063**		**380,063**		**383,687.00**	3,624

SOURCE: WHN Workpapers 9.0-Whitwell Inside and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Inside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Whitwell-Inside City - Commercial:								
Customer Charge (Service Line):								
5/8" Monthly	572	20.45	11,697	28.77	16,457	29.18	16,691	
3/4" Monthly	0	20.45	0	28.77	0	29.18	0	
1" Monthly	36	20.45	736	28.77	1,036	29.18	1,050	
1-1/2" Monthly	0	20.45	0	28.77	0	29.18	0	
2" Monthly	48	20.45	982	28.77	1,381	29.18	1,401	
3" Monthly	0	20.45	0	28.77	0	29.18	0	
4" Monthly	0	20.45	0	28.77	0	29.18	0	
6" Monthly	0	20.45	0	28.77	0	29.18	0	
8" Monthly	0	20.45	0	28.77	0	29.18	0	
Total Customer Charge	**656**		**13,415**		**18,874**		**19,142.00**	
Volumetric Charge:								
First 20 hgal	8,734	0.00000	0	0.00000	0	0.00000	0	
Next 20 hgal	5,277	0.48000	2,533	0.67531	3,564	0.67531	3,564	
Next 20 hgal	3,994	0.45600	1,821	0.64155	2,562	0.64155	2,562	
Over 60 hgal	26,579	0.41900	11,137	0.58949	15,668	0.58949	15,668	
Total Volumetric Charge	**44,584**		**15,491**		**21,794**		**21,794.00**	
PCOP and Capital Rider Revenue		40.69%	**11,762**		0			
Total Commercial Revenue			**40,668**		**40,668**		**40,936.00**	268

SOURCE: WHN Workpapers 9.0-Whitwell Inside and 100-3.00-Rate Design.

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Rate Design - Whitwell-Inside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

				40.69%				
	Attrition Period Revenues			**Rates**		**Per Order**		
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**	
Whitwell-Inside City - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	0	20.45	0	28.77	0	29.18	0	
3/4" Monthly	0	20.45	0	28.77	0	29.18	0	
1" Monthly	0	20.45	0	28.77	0	29.18	0	
1-1/2" Monthly	0	20.45	0	28.77	0	29.18	0	
2" Monthly	0	20.45	0	28.77	0	29.18	0	
3" Monthly	0	20.45	0	28.77	0	29.18	0	
4" Monthly	0	20.45	0	28.77	0	29.18	0	
6" Monthly	0	20.45	0	28.77	0	29.18	0	
8" Monthly	0	20.45	0	28.77	0	29.18	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 20 hgal	0	0.00000	0	0.00000	0	0.00000	0	
Next 20 hgal	0	0.48000	0	0.67531	0	0.67531	0	
Next 20 hgal	0	0.45600	0	0.64155	0	0.64155	0	
Over 60 hgal	0	0.41900	0	0.58949	0	0.58949	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Industrial Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 9.0-Whitwell Inside and 100-3.00-Rate Design.

Note *: Proposed Whitwell-Inside City Industrial Rates are designed to equal Proposed Whitwell-Inside City Commercial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Inside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Whitwell-Inside City - Other Public Authority:								
Customer Charge (Service Line):								
5/8" Monthly	48	20.45	982	28.77	1,381	29.18	1,401	
3/4" Monthly	0	20.45	0	28.77	0	29.18	0	
1" Monthly	0	20.45	0	28.77	0	29.18	0	
1-1/2" Monthly	0	20.45	0	28.77	0	29.18	0	
2" Monthly	60	20.45	1,227	28.77	1,726	29.18	1,751	
3" Monthly	0	20.45	0	28.77	0	29.18	0	
4" Monthly	0	20.45	0	28.77	0	29.18	0	
6" Monthly	0	20.45	0	28.77	0	29.18	0	
8" Monthly	0	20.45	0	28.77	0	29.18	0	
Total Customer Charge	**108**		**2,209**		**3,107**		**3,152.00**	
Volumetric Charge:								
First 20 hgal	744	0.00000	0	0.00000	0	0.00000	0	
Next 20 hgal	171	0.48000	82	0.67531	116	0.67531	116	
Next 20 hgal	144	0.45600	66	0.64155	93	0.64155	93	
Over 60 hgal	947	0.41900	397	0.58949	558	0.58949	558	
Total Volumetric Charge	**2,006**		**545**		**767**		**767.00**	
PCOP and Capital Rider Revenue		40.69%	**1,120**		0			
Total Other Public Authority Revenue			**3,873**		**3,874**		**3,919**	45

SOURCE: WHN Workpapers 9.0-Whitwell Inside and 100-3.00-Rate Design.

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Whitwell-Inside City - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	20.45	0	28.77	0	28.77	0
3/4" Monthly	0	20.45	0	28.77	0	28.77	0
1" Monthly	0	20.45	0	28.77	0	28.77	0
1-1/2" Monthly	0	20.45	0	28.77	0	28.77	0
2" Monthly	0	20.45	0	28.77	0	28.77	0
3" Monthly	0	20.45	0	28.77	0	28.77	0
4" Monthly	0	20.45	0	28.77	0	28.77	0
6" Monthly	0	20.45	0	28.77	0	28.77	0
8" Monthly	0	20.45	0	28.77	0	28.77	0
Total Customer Charge	**0**		**0**		**0**		**0**
Volumetric Charge:							
First 20 hgal	0	0.00000	0	0.00000	0	0.00000	0
Next 20 hgal	0	0.48000	0	0.67531	0	0.67531	0
Next 20 hgal	0	0.45600	0	0.64155	0	0.64155	0
Over 60 hgal	0	0.41900	0	0.58949	0	0.58949	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		
Total Other Water Utility Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 9.0-Whitwell Inside and 100-3.00-Rate Design.
Note *: Proposed Whitwell-Inside City OWU Rates are designed to equal Proposed Whitwell-Inside City Commercial Rates.*

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Inside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Whitwell-Inside City - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	0	20.75	0	29.19	0	29.60	0
2' Service	0	36.91	0	51.93	0	52.66	0
2 1/2" Service	0	56.28	0	79.18	0	80.29	0
3" Service	0	82.96	0	116.72	0	118.36	0
4" Service	0	166.13	0	233.73	0	237.02	0
6" Service	0	332.00	0	467.09	0	473.66	0
8" Service	0	664.56	0	934.97	0	948.12	0
10" Service	0	996.91	0	1,402.55	0	1,422.28	0
12" Service	0	1,329.33	0	1,870.23	0	1,896.54	0
Private Hydrants	0	316.72	0	445.59	0	451.86	0
Total Customer Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		0
Total Private Fire Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 9.0-Whitwell Inside and 100-3.00-Rate Design.
Note *: Proposed Whitwell-Inside City Private Fire Rates are designed to equal Proposed Chattanooga Private Fire Rates.*

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Rate Design - Whitwell-Outside City Area Rate Design by Customer Class

		To "100-1.00-Rate Design" tab		40.69%					
	Attrition Period Revenues			Rates		Per Order			
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**		
Whitwell-Outside City - Residential:									
Customer Charge (Service Line):									
5/8" Monthly	24,722	23.37	577,753	32.88	812,841	33.34	824,231		
3/4" Monthly	0	23.37	0	32.88	0	33.34	0		
1" Monthly	180	23.37	4,207	32.88	5,918	33.34	6,001		
1-1/2" Monthly	0	23.37	0	32.88	0	33.34	0		
2" Monthly	108	23.37	2,524	32.88	3,551	33.34	3,601		
3" Monthly	0	23.37	0	32.88	0	33.34	0		
4" Monthly	0	23.37	0	32.88	0	33.34	0		
6" Monthly	0	23.37	0	32.88	0	33.34	0		
8" Monthly	0	23.37	0	32.88	0	33.34	0		
Total Customer Charge	**25,010**		**584,484**		**822,310**		**833,833.00**		
Volumetric Charge:									
First 20 hgal	411,771	0.00000	0	0.00000	0	0.00000	0		
Next 20 hgal	249,759	0.58700	146,609	0.82585	206,264	0.82585	206,264		
Next 20 hgal	121,177	0.53200	64,466	0.74847	90,697	0.74847	90,697		
Over 60 hgal	228,096	0.43700	99,678	0.61482	140,237	0.61482	140,238		
Total Volumetric Charge	**1,010,803**		**310,753**		**437,198**		**437,199.00**		
PCOP and Capital Rider Revenue		40.69%	**364,272**		**0**				
Total Residential Revenue			**1,259,509**		**1,259,508**		**1,271,032.00**	11,524	0.91%

SOURCE: WHN Workpapers 10.0-Whitwell Outside and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Outside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue		
Whitwell-Outside City - Commercial:									
Customer Charge (Service Line):									
5/8" Monthly	583	23.37	13,625	32.88	19,169	33.34	19,437		
3/4" Monthly	0	23.37	0	32.88	0	33.34	0		
1" Monthly	36	23.37	841	32.88	1,184	33.34	1,200		
1-1/2" Monthly	0	23.37	0	32.88	0	33.34	0		
2" Monthly	24	23.37	561	32.88	789	33.34	800		
3" Monthly	12	23.37	280	32.88	395	33.34	400		
4" Monthly	0	23.37	0	32.88	0	33.34	0		
6" Monthly	0	23.37	0	32.88	0	33.34	0		
8" Monthly	0	23.37	0	32.88	0	33.34	0		
Total Customer Charge	**655**		**15,307**		**21,537**		**21,837.00**		
Volumetric Charge:									
First 20 hgal	7,274	0.00000	0	0.00000	0	0.00000	0		
Next 20 hgal	3,708	0.58700	2,177	0.82585	3,062	0.82585	3,062		
Next 20 hgal	2,681	0.53200	1,427	0.74847	2,007	0.74847	2,007		
Over 60 hgal	4,415	0.43700	1,929	0.61482	2,714	0.61482	2,714		
Total Volumetric Charge	**18,079**		**5,533**		**7,783**		**7,783.00**		
PCOP and Capital Rider Revenue		40.69%	**8,480**		0				
Total Commercial Revenue			**29,320**		**29,320**		**29,620.00**	300	1.02%

SOURCE: WHN Workpapers 10.0-Whitwell Outside and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Outside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Whitwell-Outside City - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	0	23.37	0	32.88	0	33.34	0	
3/4" Monthly	0	23.37	0	32.88	0	33.34	0	
1" Monthly	0	23.37	0	32.88	0	33.34	0	
1-1/2" Monthly	0	23.37	0	32.88	0	33.34	0	
2" Monthly	0	23.37	0	32.88	0	33.34	0	
3" Monthly	0	23.37	0	32.88	0	33.34	0	
4" Monthly	0	23.37	0	32.88	0	33.34	0	
6" Monthly	0	23.37	0	32.88	0	33.34	0	
8" Monthly	0	23.37	0	32.88	0	33.34	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 20 hgal	0	0.00000	0	0.00000	0	0.00000	0	
Next 20 hgal	0	0.58700	0	0.82585	0	0.82585	0	
Next 20 hgal	0	0.53200	0	0.74847	0	0.74847	0	
Over 60 hgal	0	0.43700	0	0.61482	0	0.61482	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Industrial Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 10.0-Whitwell Outside and 100-3.00-Rate Design.

Note *: Proposed Whitwell-Outside City Industrial Rates are designed to equal Proposed Whitwell-Outside City Commercial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Outside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Whitwell-Outside City - Other Public Authority:								
Customer Charge (Service Line):								
5/8" Monthly	61	23.37	1,426	32.88	2,006	33.34	2,034	
3/4" Monthly	0	23.37	0	32.88	0	33.34	0	
1" Monthly	0	23.37	0	32.88	0	33.34	0	
1-1/2" Monthly	0	23.37	0	32.88	0	33.34	0	
2" Monthly	72	23.37	1,683	32.88	2,367	33.34	2,400	
3" Monthly	0	23.37	0	32.88	0	33.34	0	
4" Monthly	24	23.37	561	32.88	789	33.34	800	
6" Monthly	0	23.37	0	32.88	0	33.34	0	
8" Monthly	0	23.37	0	32.88	0	33.34	0	
Total Customer Charge	**157**		**3,669**		**5,162**		**5,234.00**	
Volumetric Charge:								
First 20 hgal	1,603	0.00000	0	0.00000	0	0.00000	0	
Next 20 hgal	1,262	0.58700	741	0.82585	1,042	0.82585	1,042	
Next 20 hgal	1,101	0.53200	586	0.74847	824	0.74847	824	
Over 60 hgal	25,483	0.43700	11,136	0.61482	15,667	0.61482	15,667	
Total Volumetric Charge	**29,449**		**12,462**		**17,533**		**17,533.00**	
PCOP and Capital Rider Revenue		40.69%	**6,564**		0			
Total Other Public Authority Revenue			**22,695**		**22,695**		**22,767.00**	72

SOURCE: WHN Workpapers 10.0-Whitwell Outside and 100-3.00-Rate Design.

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Outside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Whitwell-Outside City - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	23.37	0	32.88	0	32.88	0
3/4" Monthly	0	23.37	0	32.88	0	32.88	0
1" Monthly	0	23.37	0	32.88	0	32.88	0
1-1/2" Monthly	0	23.37	0	32.88	0	32.88	0
2" Monthly	0	23.37	0	32.88	0	32.88	0
3" Monthly	0	23.37	0	32.88	0	32.88	0
4" Monthly	0	23.37	0	32.88	0	32.88	0
6" Monthly	0	23.37	0	32.88	0	32.88	0
8" Monthly	0	23.37	0	32.88	0	32.88	0
Total Customer Charge	**0**		**0**		**0**		**0**
Volumetric Charge:							
First 20 hgal	0	0.00000	0	0.00000	0	0.00000	0
Next 20 hgal	0	0.58700	0	0.82585	0	0.82585	0
Next 20 hgal	0	0.53200	0	0.74847	0	0.74847	0
Over 60 hgal	0	0.43700	0	0.61482	0	0.61482	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		
Total Other Water Utility Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 10.0-Whitwell Outside and 100-3.00-Rate Design.
***Note**: Proposed Whitwell-Outside City OWU Rates are designed to equal Proposed Whitwell-Outside City Commercial Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Whitwell-Outside City Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Whitwell-Outside City - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	0	20.75	0	29.19	0	29.60	0
2' Service	0	36.91	0	51.93	0	52.66	0
2 1/2" Service	0	56.28	0	79.18	0	80.29	0
3" Service	0	82.96	0	116.72	0	118.36	0
4" Service	0	166.13	0	233.73	0	237.02	0
6" Service	0	332.00	0	467.09	0	473.66	0
8" Service	0	664.56	0	934.97	0	948.12	0
10" Service	0	996.91	0	1,402.55	0	1,422.28	0
12" Service	0	1,329.33	0	1,870.23	0	1,896.54	0
Private Hydrants	0	316.72	0	445.59	0	451.86	0
Total Customer Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		0
Total Private Fire Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 10.0-Whitwell Outside and 100-3.00-Rate Design.
Note: *Proposed Whitwell-Outside City Private Fire Rates are designed to equal Proposed Chattanooga Private Fire Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Jasper Highlands Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Jasper Highlands - Residential:								
Customer Charge (Service Line):								
5/8" Monthly	4,707	52.15	245,470	73.37	345,352	74.40	350,201	
3/4" Monthly	0	52.15	0	73.37	0	74.40	0	
1" Monthly	24	52.15	1,252	73.37	1,761	74.40	1,786	
1-1/2" Monthly	24	52.15	1,252	73.37	1,761	74.40	1,786	
2" Monthly	12	52.15	626	73.37	880	74.40	893	
3" Monthly	0	52.15	0	73.37	0	74.40	0	
4" Monthly	0	52.15	0	73.37	0	74.40	0	
6" Monthly	0	52.15	0	73.37	0	74.40	0	
8" Monthly	0	52.15	0	73.37	0	74.40	0	
Total Customer Charge	**4,767**		**248,599**		**349,754**		**354,666.00**	
Volumetric Charge:								
First 25 hgal	86,370	0.00000	0	0.00000	0	0.00000	0	
Next 25 hgal	36,254	1.31000	47,493	1.84304	66,818	1.84304	66,818	
Next 25 hgal	17,690	1.17000	20,698	1.64607	29,120	1.64607	29,119	
Over 75 hgal	68,511	1.04000	71,251	1.46318	100,244	1.46318	100,244	
Total Volumetric Charge	**208,826**		**139,442**		**196,182**		**196,181.00**	
PCOP and Capital Rider Revenue		40.69%	**157,894**		**0**			
Total Residential Revenue			**545,935**		**545,936**		**550,847.00**	4,911

SOURCE: WHN Workpapers 11.0-Jasper and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Jasper Highlands Area Rate Design by Customer Class

	To "100-1.00-Rate Design" tab							
				40.69%				
	Attrition Period Revenues			Rates		Per Order		
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**	
Jasper Highlands - Commercial:								
Customer Charge (Service Line):								
5/8" Monthly	112	52.15	5,841	73.37	8,217	74.40	8,333	
3/4" Monthly	0	52.15	0	73.37	0	74.40	0	
1" Monthly	24	52.15	1,252	73.37	1,761	74.40	1,786	
1-1/2" Monthly	12	52.15	626	73.37	880	74.40	893	
2" Monthly	24	52.15	1,252	73.37	1,761	74.40	1,786	
3" Monthly	12	52.15	626	73.37	880	74.40	893	
4" Monthly	0	52.15	0	73.37	0	74.40	0	
6" Monthly	0	52.15	0	73.37	0	74.40	0	
8" Monthly	0	52.15	0	73.37	0	74.40	0	
Total Customer Charge	**184**		**9,596**		**13,499**		**13,691.00**	
Volumetric Charge:								
First 25 hgal	2,783	0.00000	0	0.00000	0	0.00000	0	
Next 25 hgal	1,929	1.31000	2,528	1.84304	3,556	1.84304	3,556	
Next 25 hgal	1,546	1.17000	1,809	1.64607	2,544	1.64607	2,544	
Over 75 hgal	30,500	1.04000	31,720	1.46318	44,627	1.46318	44,628	
Total Volumetric Charge	**36,759**		**36,057**		**50,727**		**50,728.00**	
PCOP and Capital Rider Revenue		40.69%	**18,576**		0			
Total Commercial Revenue			**64,228**		**64,226**		**64,419.00**	193

SOURCE: WHN Workpapers 11.0-Jasper and 100-3.00-Rate Design.

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Jasper Highlands Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Rate	Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue	
Jasper Highlands - Industrial:								
Customer Charge (Service Line):								
5/8" Monthly	0	52.15	0	73.37	0	74.40	0	
3/4" Monthly	0	52.15	0	73.37	0	74.40	0	
1" Monthly	0	52.15	0	73.37	0	74.40	0	
1-1/2" Monthly	0	52.15	0	73.37	0	74.40	0	
2" Monthly	0	52.15	0	73.37	0	74.40	0	
3" Monthly	0	52.15	0	73.37	0	74.40	0	
4" Monthly	0	52.15	0	73.37	0	74.40	0	
6" Monthly	0	52.15	0	73.37	0	74.40	0	
8" Monthly	0	52.15	0	73.37	0	74.40	0	
Total Customer Charge	**0**		**0**		**0**		**0**	
Volumetric Charge:								
First 25 hgal	0	0.00000	0	0.00000	0	0.00000	0	
Next 25 hgal	0	1.31000	0	1.84304	0	1.84304	0	
Next 25 hgal	0	1.17000	0	1.64607	0	1.64607	0	
Over 75 hgal	0	1.04000	0	1.46318	0	1.46318	0	
Total Volumetric Charge	**0**		**0**		**0**		**0**	
PCOP and Capital Rider Revenue		40.69%	**0**		0			
Total Industrial Revenue			**0**		**0**		**0**	0

SOURCE: WHN Workpapers 11.0-Jasper and 100-3.00-Rate Design.

Note *: Proposed Jasper Highlands Industrial Rates are designed to equal Proposed Jasper Highlands Commercial Rates.*

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Rate Design - Jasper Highlands Area Rate Design by Customer Class

		To "100-1.00-Rate Design" tab		**40.69%**					
	Attrition Period Revenues			**Rates**		**Per Order**			
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**		
Jasper Highlands - Other Public Authority:									
Customer Charge (Service Line):									
5/8" Monthly	12	52.15	626	73.37	880	74.40	893		
3/4" Monthly	0	52.15	0	73.37	0	74.40	0		
1" Monthly	0	52.15	0	73.37	0	74.40	0		
1-1/2" Monthly	0	52.15	0	73.37	0	74.40	0		
2" Monthly	0	52.15	0	73.37	0	74.40	0		
3" Monthly	0	52.15	0	73.37	0	74.40	0		
4" Monthly	0	52.15	0	73.37	0	74.40	0		
6" Monthly	0	52.15	0	73.37	0	74.40	0		
8" Monthly	0	52.15	0	73.37	0	74.40	0		
Total Customer Charge	**12**		**626**		**880**		**893.00**		
Volumetric Charge:									
First 25 hgal	0	0.00000	0	0.00000	0	0.00000	0		
Next 25 hgal	0	1.31000	0	1.84304	0	1.84304	0		
Next 25 hgal	0	1.17000	0	1.64607	0	1.64607	0		
Over 75 hgal	0	1.04000	0	1.46318	0	1.46318	0		
Total Volumetric Charge	**0**		**0**		**0**		**0**		
PCOP and Capital Rider Revenue		40.69%	**255**		0				
Total Other Public Authority Revenue			**881**		**880**		**893.00**	12	1.39%

SOURCE: WHN Workpapers 11.0-Jasper and 100-3.00-Rate Design.
***Note**: Proposed Jasper Highlands OPA Rates are designed to equal Proposed Jasper Highlands Commercial Rates.*

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Rate Design - Jasper Highlands Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

Customer Class	Attrition Period Revenues Determinant	Attrition Period Revenues Rate	Attrition Period Revenues Revenue	40.69% Rates Plus Riders	Revenue	Per Order Rates	Revenue
Jasper Highlands - Other Water Utility							
Customer Charge (Service Line):							
5/8" Monthly	0	52.15	0	73.37	0	73.37	0
3/4" Monthly	0	52.15	0	73.37	0	73.37	0
1" Monthly	0	52.15	0	73.37	0	73.37	0
1-1/2" Monthly	0	52.15	0	73.37	0	73.37	0
2" Monthly	0	52.15	0	73.37	0	73.37	0
3" Monthly	0	52.15	0	73.37	0	73.37	0
4" Monthly	0	52.15	0	73.37	0	73.37	0
6" Monthly	0	52.15	0	73.37	0	73.37	0
8" Monthly	0	52.15	0	73.37	0	73.37	0
Total Customer Charge	**0**		**0**		**0**		**0**
Volumetric Charge:							
First 25 hgal	0	0.00000	0	0.00000	0	0.00000	0
Next 25 hgal	0	1.31000	0	1.84304	0	1.84304	0
Next 25 hgal	0	1.17000	0	1.64607	0	1.64607	0
Over 75 hgal	0	1.04000	0	1.46318	0	1.46318	0
Total Volumetric Charge	**0**		**0**		**0**		**0**
PCOP and Capital Rider Revenue		40.69%	**0**		0		
Total Other Water Utility Revenue			**0**		**0**		**0**

SOURCE: WHN Workpapers 11.0-Jasper and 100-3.00-Rate Design.
Note *: Proposed Jasper Highlands OWU Rates are designed to equal Proposed Jasper Highlands Commercial Rates.*

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TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Jasper Highlands Area Rate Design by Customer Class

To "100-1.00-Rate Design" tab

	Attrition Period Revenues			40.69% Rates		Per Order	
Customer Class	**Determinant**	**Rate**	**Revenue**	**Plus Riders**	**Revenue**	**Rates**	**Revenue**
Jasper Highlands - Private Fire							
Customer Charge (Service Line):							
1" Service	0	9.20	0	12.94	0	13.13	0
1 1/2" Service	0	20.75	0	29.19	0	29.60	0
2' Service	0	36.91	0	51.93	0	52.66	0
2 1/2" Service	0	56.28	0	79.18	0	80.29	0
3" Service	0	82.96	0	116.72	0	118.36	0
4" Service	4	166.13	665	233.73	935	237.02	948
6" Service	0	332.00	0	467.09	0	473.66	0
8" Service	0	664.56	0	934.97	0	948.12	0
10" Service	0	996.91	0	1,402.55	0	1,422.28	0
12" Service	0	1,329.33	0	1,870.23	0	1,896.54	0
Private Hydrants	0	316.72	0	445.59	0	451.86	0
Total Customer Charge	**4**		**665**		**935**		**948.00**
PCOP and Capital Rider Revenue		40.69%	**270**		0		0
Total Private Fire Revenue			**935**		**935**		**948**

SOURCE: WHN Workpapers 11.0-Jasper and 100-3.00-Rate Design.
Note *: Proposed Jasper Highlands Private Fire Rates are designed to equal Proposed Chattanooga Private Fire Rates.*

WHN Consulting
TENNESSEE-AMERICAN WATER COMPANY
Rate Design - Other Revenue Calculation

Attachment WHN-2
WP 100-4.10-Rate Design
2/7/25 4:59 PM

	Test Period			**Test Period**			
	Determinant	**Rate**	**Revenue**	**Determinant**	**Rate**	**Revenue**	
Other Operating Revenue:							
Activity Fee	16,076	$15.00	$241,140	16,076	$25.00	401,900	
New Service Fee	0	25.00	0	0	25.00	0	
Activation Fee	0	0.00	0	0	25.00	0	
Disconnection/Reconnection Charge - Water	7,525	15.00	112,877	7,525	30.00	225,754	
Disconnection/Reconnection Charge - Sewer	10,781	15.00	161,715	10,781	30.00	323,430	
NSF Charge	2,082	20.00	41,640	2,082	20.00	41,640	
Usage Data	896,590	0.02	17,932	896,590	0.02	17,932	
After-Hours Fee	2,260	0.00	0	2,260	40.00	90,400	
Meter Tampering Charge	0	92.00	0	0	92.00	0	
Late Payment Charge			382,652	0		385,230	2,578
Rent			216,998	0		216,998	
Miscellaneous Service			4,180	0		4,180	
Other Revenue			1,036	0		1,036	
Total Other Operating Revenue			**$1,180,170**			**$1,708,500**	528,330

Late Payment Charge Calculation:

Total Sales of Water at Proposed Rates	71,699,454
Forfeited Discount Percentage	0.54%
Attrition Period Late Payment Charges	**385,229**

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served via U.S. Mail or electronic mail upon:

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This the 10th day of February 2025.

Melvin J. Malone