

**Single Family Residential Rate Structure**

Tiers	# of Users in Tier	% of Total Users	Annual Use Per Tier in hcf	% of Total Use			Updated Rates per hcf	% Variance from Proposed Base Rate	Volume Revenues by Tier	%
-------	--------------------	------------------	----------------------------	----------------	--	--	-----------------------	------------------------------------	-------------------------	---

**Uniform Rate Structure (Option A)**

1	378	30%	9,910	8%			\$ 4.88	0%	\$ 48,329	8%
2	284	23%	20,365	16%			\$ 4.88	0%	\$ 99,368	16%
3 Base	445	36%	58,264	46%			\$ 4.88	0%	\$ 284,363	46%
4	103	8%	24,011	19%			\$ 4.88	0%	\$ 117,177	19%
5	31	2%	15,341	12%			\$ 4.88	0%	\$ 74,871	12%
									<b>\$ 624,108</b>	<b>100%</b>
									<b>Target - Base Rate times</b>	<b>624,378</b>
									<b>Annual hcf</b>	<b>(270) 0.0%</b>

Tier	Current Rates	Real Cost	Current Disc/Prem
1	3.46	4.61	-25%
2	4.15	4.61	-10%
3	4.61	4.61	0%
4	4.61	4.61	0%
5	6.12	4.61	33%

Monthly service charge proposed to increase from 17.56 to 18.75  
 All figures displayed are monthly. Billing is done bi-monthly

	Current Rates Monthly Average	Proposed Initial Charges When Adopted	
		Monthly Average	Monthly \$ Change
<b>Low Use - 1st Tier</b>			
Total Monthly Charge	\$31.40	\$ 38.26	\$ 6.86
			21.8%
<b>Median Use - 1st &amp; 2nd Tier</b>			
Total Monthly Charge	\$43.85	\$ 52.90	\$ 9.05
			20.6%
<b>High Use - 1st, 2nd &amp; 3rd Tier</b>			
Total Monthly Charge	\$85.34	\$ 96.84	\$ 11.50
			13.5%
<b>Higher Use - 1st, 2nd, 3rd &amp; 4th Tier</b>			
Total Monthly Charge	\$126.83	\$ 140.74	\$ 13.91
			11.0%
<b>Highest Use - All Tiers - (To Median in Tier 5)</b>			
Total Monthly Charge	\$206.39	\$ 204.20	\$ (2.19)
			-1.1%

**Single Family Residential Rate Structure**

Tiers	# of Users in Tier	% of Total Users	Annual Use Per Tier in hcf	% of Total Use		Updated Rates per hcf	% Variance from Proposed Base Rate	Volume Revenues by Tier	%
-------	--------------------	------------------	----------------------------	----------------	--	-----------------------	------------------------------------	-------------------------	---

**Uniform Rate Structure with Higher Rate (Option B)**

1	378	30%	9,910	8%		\$ 5.05	0%	\$ 50,046	8%	
2	284	23%	20,365	16%		\$ 5.05	0%	\$ 102,843	16%	
3 Base	445	36%	58,264	46%		\$ 5.05	0%	\$ 294,233	46%	
4	103	8%	24,011	19%		\$ 5.05	0%	\$ 121,256	19%	
5	31	2%	15,341	12%		\$ 5.05	0%	\$ 77,472	12%	
								<b>\$ 645,850</b>	<b>100%</b>	
								<b>Target - Base Rate times</b>	<b>624,378</b>	
								<b>Annual hcf</b>	<b>21,472</b>	<b>3.4%</b>

Tier	Current Rates	Real Cost	Current Disc/Prem
1	3.46	4.61	-25%
2	4.15	4.61	-10%
3	4.61	4.61	0%
4	4.61	4.61	0%
5	6.12	4.61	33%

Monthly service charge proposed to increase from 17.56 to 18.75  
 All figures displayed are monthly. Billing is done bi-monthly

	Current Rates Monthly Average	Proposed Initial Charges When Adopted	
		Monthly Average	Monthly \$ Change
<b>Low Use - 1st Tier</b>			
<b>Total Monthly Charge</b>	<b>\$31.40</b>	<b>\$ 38.95</b>	<b>\$ 7.55</b>
			24.0%
<b>Median Use - 1st &amp; 2nd Tier</b>			
<b>Total Monthly Charge</b>	<b>\$43.85</b>	<b>\$ 54.10</b>	<b>\$ 10.25</b>
			23.4%
<b>High Use - 1st, 2nd &amp; 3rd Tier</b>			
<b>Total Monthly Charge</b>	<b>\$85.34</b>	<b>\$ 99.55</b>	<b>\$ 14.21</b>
			16.7%
<b>Higher Use - 1st, 2nd, 3rd &amp; 4th Tier</b>			
<b>Total Monthly Charge</b>	<b>\$126.83</b>	<b>\$ 145.00</b>	<b>\$ 18.17</b>
			14.3%
<b>Highest Use - All Tiers - (To Median in Tier 5)</b>			
<b>Total Monthly Charge</b>	<b>\$206.39</b>	<b>\$ 210.65</b>	<b>\$ 4.26</b>
			2.1%

**Single Family Residential Rate Structure**

Tiers	# of Users in Tier	% of Total Users	Annual Use Per Tier in hcf	% of Total Use			Updated Rates per hcf	% Variance from Proposed Base Rate	Volume Revenues by Tier	%
-------	--------------------	------------------	----------------------------	----------------	--	--	-----------------------	------------------------------------	-------------------------	---

**Five Tier structure (Option C)**

1	378	30%	9,910	8%			\$ 3.90	-20%	\$ 38,647	6%	
2	284	23%	20,365	16%			\$ 4.39	-10%	\$ 84,430	14%	
3 Base	445	36%	58,264	46%			\$ 4.88	0%	\$ 260,893	42%	
4	103	8%	24,011	19%			\$ 7.27	49%	\$ 124,860	20%	
5	31	2%	15,341	12%			\$ 10.49	115%	\$ 115,443	18%	
									<b>\$ 624,273</b>	<b>100%</b>	
									<b>Target - Base Rate times</b>	<b>624,378</b>	
									<b>Annual hcf</b>	<b>(105)</b>	<b>0.0%</b>

Tier	Current Rates	Real Cost	Current Disc/Prem
1	3.46	4.61	-25%
2	4.15	4.61	-10%
3	4.61	4.61	0%
4	4.61	4.61	0%
5	6.12	4.61	33%

Monthly service charge proposed to increase from 17.56 to 18.75  
 All figures displayed are monthly. Billing is done bi-monthly

	Current Rates Monthly Average	Proposed Initial Charges	
		When Adopted Monthly Average	Monthly \$ Change
<b>Low Use - 1st Tier</b>			
<b>Total Monthly Charge</b>	<b>\$31.40</b>	<b>\$ 34.35</b>	<b>\$ 2.95</b>
			9.4%
<b>Median Use - 1st &amp; 2nd Tier</b>			
<b>Total Monthly Charge</b>	<b>\$43.85</b>	<b>\$ 47.53</b>	<b>\$ 3.68</b>
			8.4%
<b>High Use - 1st, 2nd &amp; 3rd Tier</b>			
<b>Total Monthly Charge</b>	<b>\$85.34</b>	<b>\$ 91.47</b>	<b>\$ 6.13</b>
			7.2%
<b>Higher Use - 1st, 2nd, 3rd &amp; 4th Tier</b>			
<b>Total Monthly Charge</b>	<b>\$126.83</b>	<b>\$ 156.94</b>	<b>\$ 30.11</b>
			23.7%
<b>Highest Use - All Tiers - (To Median in Tier 5)</b>			
<b>Total Monthly Charge</b>	<b>\$206.39</b>	<b>\$ 293.33</b>	<b>\$ 86.94</b>
			42.1%

**Single Family Residential Rate Structure**

Tiers	# of Users in Tier	% of Total Users	Annual Use Per Tier in hcf	% of Total Use			Updated Rates per hcf	% Variance from Proposed Base Rate	Volume Revenues by Tier	%
-------	--------------------	------------------	----------------------------	----------------	--	--	-----------------------	------------------------------------	-------------------------	---

**Five Tier structure with Higher Rate (Option D)**

1	378	30%	9,910	8%			\$ 3.90	-20%	\$ 38,647	6%	
2	284	23%	20,365	16%			\$ 4.39	-10%	\$ 84,430	13%	
3 Base	445	36%	58,264	46%			\$ 4.88	0%	\$ 260,893	40%	
4	103	8%	24,011	19%			\$ 8.54	75%	\$ 131,798	20%	
5	31	2%	15,341	12%			\$ 11.96	146%	\$ 128,975	21%	
									<b>\$ 644,743</b>	<b>100%</b>	
									<b>Target - Base Rate times</b>	<b>624,378</b>	
									<b>Annual hcf</b>	<b>20,365</b>	<b>3.3%</b>

Tier	Current Rates	Real Cost	Current Disc/Prem
1	3.46	4.61	-25%
2	4.15	4.61	-10%
3	4.61	4.61	0%
4	4.61	4.61	0%
5	6.12	4.61	33%

Monthly service charge proposed to increase from 17.56 to 18.75  
 All figures displayed are monthly. Billing is done bi-monthly

	Current Rates Monthly Average	Proposed Initial Charges When Adopted	
		Monthly Average	Monthly \$ Change
<b>Low Use - 1st Tier</b>			
<b>Total Monthly Charge</b>	<b>\$31.40</b>	<b>\$ 34.35</b>	<b>\$ 2.95</b>
			9.4%
<b>Median Use - 1st &amp; 2nd Tier</b>			
<b>Total Monthly Charge</b>	<b>\$43.85</b>	<b>\$ 47.53</b>	<b>\$ 3.68</b>
			8.4%
<b>High Use - 1st, 2nd &amp; 3rd Tier</b>			
<b>Total Monthly Charge</b>	<b>\$85.34</b>	<b>\$ 91.47</b>	<b>\$ 6.13</b>
			7.2%
<b>Higher Use - 1st, 2nd, 3rd &amp; 4th Tier</b>			
<b>Total Monthly Charge</b>	<b>\$126.83</b>	<b>\$ 168.35</b>	<b>\$ 41.52</b>
			32.7%
<b>Highest Use - All Tiers - (To Median in Tier 5)</b>			
<b>Total Monthly Charge</b>	<b>\$206.39</b>	<b>\$ 323.79</b>	<b>\$ 117.40</b>
			56.9%

Table  
Peak Charge Variation Options

**Current Peak Usage by Meter Size**

Meter Size	5/8" [1]	1"	1.5"	2"	3"	4"	6"	8"
Peaking Break Point - Monthly hcf	35	88	175	280	525	875	1750	
Total Annual hcf by Meter Size - Non SFR, in hcf	36,041	21,605	19,813	45,774	13,070	7,526	30,410	174,239
Estimated Annual hcf in excess of Peak Break Point in hcf	5,696	3,249	998	2,669	-	-	-	12,612
% of Total hcf	15.8%	15.0%	5.0%	5.8%	0.0%	0.0%	0.0%	7.2%
Total Accounts by Meter Size - Non SFR	214	71	20	35	4	3	3	0
Estimated Accounts that will Incur Peak Charge	16	5	1	1	0	0	0	0
% of Total Accounts	7.5%	7.0%	5.0%	2.9%	0.0%	0.0%	0.0%	0.0%

Current Rates at Current Break Points	Rate/hcf	Rates/hcf
Below Peak - 1.74	\$ 4.61	139,890
Above Peak 1.74+	\$ 4.61	84,621
	\$ 1.07	196,714
	\$ 5.68	60,253
Total		34,695
		140,190
		745,100
		58,141
		13,495
		816,737

Proposed Rates At Current Peak Break Points	Rate/hcf	Rates/hcf
Below Peak - 1.74	\$ 4.88	148,148
Above Peak 1.74+	\$ 4.88	89,616
	\$ 1.70	210,443
	\$ 6.58	63,809
Total		36,743
		148,465
		789,081
		61,573
		21,443
		872,098
		618%

**Proposed Peak Usage by Meter Size**

At Current Break Points - Add Usage Tiers to allow for Discounts/Premiums Over/Under Base

Monthly Break Points in hcf	Meter Base	20	51	101	161	302	503	1006	1609
Peak Break	35	88	175	280	525	875	1750	2800	
Under/Over Break Points used in calculations below									
Below Base	0 to 25%	5	13	25	40	75	126	251	402
Base Range	25% to 174%	30	75	150	240	450	749	1499	2398
Peak Over	174%	35	88	175	280	525	875	1750	2800
Three Tier with 25% Volume at Discount Rate									
1	0 to 25%	37,391	22,414	20,555	47,488	13,559	7,808	31,549	180,764
2	25% to 174%	104,159	63,247	67,875	154,575	47,857	27,557	111,349	576,418
3	174%+	52,002	29,662	9,111	24,367	-	-	-	115,142
Total		175,956	105,478	96,729	223,474	63,809	36,743	148,465	872,324