

**BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI**

In the Matter of Laclede Gas Company's            )  
Request to Increase Its Revenues for            )  
Gas Service    )        **Case No. GR-2017-0215**

In the Matter of Laclede Gas Company            )  
d/b/a Missouri Gas Energy's Request to        )  
Increase Its Revenues for Gas Service        )        **Case No. GR-2017-0216**

**AFFIDAVIT OF ROBIN L. KLIETHERMES**

**STATE OF MISSOURI    )**  
  )  
**COUNTY OF COLE        )**        **ss.**

Robin L. Kliethermes, of lawful age, being first duly sworn, deposes and states:

1. My name is Robin L. Kliethermes. My business address is 200 Madison Street, P. O. Box 360, Jefferson City, Missouri 65102. I am employed by the Missouri Public Service Commission ("Commission") as the Rate and Tariff Examination Manager of the Tariff and Rate Design Unit of the Operation Analysis Department of the Commission Staff. I have previously submitted Rebuttal and Surrebuttal testimony and contributed to the Staff's Class Cost of Service Report in this case.

2. I have reviewed the Affidavit submitted by Scott W. Weitzel on behalf of Laclede on January 5, 2018, regarding Exhibit 284 and have the following comments regarding his Affidavit.


3. Mr. Weitzel's primary concern with Exhibit 284 appears to be with the effect of the PGA on the bill impact comparisons shown on Exhibit 284. While I do not necessarily agree with all statements made in Mr. Weitzel's Affidavit, I have prepared bill impact analyses comparing each of the residential rate design alternatives presented by Staff (\$22 and \$26 customer charge with flat volumetric rate and inclining

block volumetric rate) to Laclede's current residential rate design *without the PGA*, using Staff's revenue requirement and stipulated billing determinants. Removing the PGA from the bill impact calculation should alleviate Mr. Weitzel's concern.

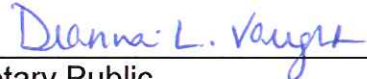
4. The bill impact analyses without the PGA are attached to this Affidavit. As shown on the attached, during the months of November through April a residential customer would have to use over 100 therms before they would see an increase under any of Staff's recommended rate designs compared to Laclede's current rate design.

5. Mr. Weitzel also seems to take issue with the proposed inclining blocks being the same block size for both summer and winter. However, Laclede's current residential rate design has the same block size for both summer and winter.

6. I hereby swear and affirm that the information contained herein is true and correct to the best of my knowledge and belief.

  
\_\_\_\_\_  
Robin L. Kliethermes

Subscribed and sworn to before me this 8<sup>th</sup> day of January, 2018.

  
\_\_\_\_\_  
Notary Public

DIANNA L. VAUGHT  
Notary Public - Notary Seal  
State of Missouri  
Commissioned for Cole County  
My Commission Expires: June 28, 2019  
Commission Number: 15207377

**Bill Impacts Using Staff Revenue Requirement without PGA**

Usage Range	High End of January Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	10,571	\$ 28.67	\$ 27.45	\$ 23.98	\$ (1.22)	\$ (4.68)
11 to 20	20	7,193	\$ 37.84	\$ 28.90	\$ 25.97	\$ (8.93)	\$ (11.87)
21 to 30	30	7,798	\$ 47.01	\$ 30.35	\$ 27.95	\$ (16.65)	\$ (19.05)
31 to 50	50	20,461	\$ 47.01	\$ 33.26	\$ 31.92	\$ (13.75)	\$ (15.08)
51 to 100	100	126,010	\$ 47.01	\$ 42.05	\$ 43.95	\$ (4.96)	\$ (3.06)
101 to 150	150	186,156	\$ 47.01	\$ 50.84	\$ 55.97	\$ 3.84	\$ 8.96
151 to 200	200	124,569	\$ 47.01	\$ 59.64	\$ 67.99	\$ 12.63	\$ 20.98
201 to 300	300	87,139	\$ 47.01	\$ 77.22	\$ 92.03	\$ 30.21	\$ 45.03
301 to 400	400	20,549	\$ 47.01	\$ 94.81	\$ 116.08	\$ 47.80	\$ 69.07
401 to 500	500	6,481	\$ 47.01	\$ 112.39	\$ 140.12	\$ 65.38	\$ 93.12
501 to 600	600	2,383	\$ 47.01	\$ 129.98	\$ 164.17	\$ 82.97	\$ 117.16
Over 600	650	2,070	\$ 47.01	\$ 138.77	\$ 176.19	\$ 91.76	\$ 129.18

Usage Range	High End of February Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	10,826	\$ 28.67	\$ 27.45	\$ 23.98	\$ (1.22)	\$ (4.68)
11 to 20	20	6,861	\$ 37.84	\$ 28.90	\$ 25.97	\$ (8.93)	\$ (11.87)
21 to 30	30	7,292	\$ 47.01	\$ 30.35	\$ 27.95	\$ (16.65)	\$ (19.05)
31 to 50	50	20,343	\$ 47.01	\$ 33.26	\$ 31.92	\$ (13.75)	\$ (15.08)
51 to 100	100	136,058	\$ 47.01	\$ 42.05	\$ 43.95	\$ (4.96)	\$ (3.06)
101 to 150	150	213,017	\$ 47.01	\$ 50.84	\$ 55.97	\$ 3.84	\$ 8.96
151 to 200	200	122,063	\$ 47.01	\$ 59.64	\$ 67.99	\$ 12.63	\$ 20.98
201 to 300	300	67,486	\$ 47.01	\$ 77.22	\$ 92.03	\$ 30.21	\$ 45.03
301 to 400	400	13,049	\$ 47.01	\$ 94.81	\$ 116.08	\$ 47.80	\$ 69.07
401 to 500	500	3,542	\$ 47.01	\$ 112.39	\$ 140.12	\$ 65.38	\$ 93.12
501 to 600	600	1,272	\$ 47.01	\$ 129.98	\$ 164.17	\$ 82.97	\$ 117.16
Over 600	650	1,205	\$ 47.01	\$ 138.77	\$ 176.19	\$ 91.76	\$ 129.18

Usage Range	High End of March Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	13,980	\$ 28.67	\$ 27.45	\$ 23.98	\$ (1.22)	\$ (4.68)
11 to 20	20	13,055	\$ 37.84	\$ 28.90	\$ 25.97	\$ (8.93)	\$ (11.87)
21 to 30	30	17,370	\$ 47.01	\$ 30.35	\$ 27.95	\$ (16.65)	\$ (19.05)
31 to 50	50	58,222	\$ 47.01	\$ 33.26	\$ 31.92	\$ (13.75)	\$ (15.08)
51 to 100	100	265,959	\$ 47.01	\$ 42.05	\$ 43.95	\$ (4.96)	\$ (3.06)
101 to 150	150	161,192	\$ 47.01	\$ 50.84	\$ 55.97	\$ 3.84	\$ 8.96
151 to 200	200	50,919	\$ 47.01	\$ 59.64	\$ 67.99	\$ 12.63	\$ 20.98
201 to 300	300	19,077	\$ 47.01	\$ 77.22	\$ 92.03	\$ 30.21	\$ 45.03
301 to 400	400	2,801	\$ 47.01	\$ 94.81	\$ 116.08	\$ 47.80	\$ 69.07
401 to 500	500	781	\$ 47.01	\$ 112.39	\$ 140.12	\$ 65.38	\$ 93.12
501 to 600	600	243	\$ 47.01	\$ 129.98	\$ 164.17	\$ 82.97	\$ 117.16
Over 600	650	255	\$ 47.01	\$ 138.77	\$ 176.19	\$ 91.76	\$ 129.18

Usage Range	High End of April Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	22,362	\$ 28.67	\$ 27.45	\$ 23.98	\$ (1.22)	\$ (4.68)
11 to 20	20	30,511	\$ 37.84	\$ 28.90	\$ 25.97	\$ (8.93)	\$ (11.87)
21 to 30	30	49,964	\$ 47.01	\$ 30.35	\$ 27.95	\$ (16.65)	\$ (19.05)
31 to 50	50	157,886	\$ 47.01	\$ 33.26	\$ 31.92	\$ (13.75)	\$ (15.08)
51 to 100	100	260,656	\$ 47.01	\$ 42.05	\$ 43.95	\$ (4.96)	\$ (3.06)
101 to 150	150	44,214	\$ 47.01	\$ 50.84	\$ 55.97	\$ 3.84	\$ 8.96
151 to 200	200	7,641	\$ 47.01	\$ 59.64	\$ 67.99	\$ 12.63	\$ 20.98
201 to 300	300	2,838	\$ 47.01	\$ 77.22	\$ 92.03	\$ 30.21	\$ 45.03
301 to 400	400	515	\$ 47.01	\$ 94.81	\$ 116.08	\$ 47.80	\$ 69.07
401 to 500	500	169	\$ 47.01	\$ 112.39	\$ 140.12	\$ 65.38	\$ 93.12
501 to 600	600	97	\$ 47.01	\$ 129.98	\$ 164.17	\$ 82.97	\$ 117.16
Over 600	650	153	\$ 47.01	\$ 138.77	\$ 176.19	\$ 91.76	\$ 129.18

Usage Range	High End of May Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	68,445	\$ 22.63	\$ 27.45	\$ 23.98	\$ 4.82	\$ 1.36
11 to 20	20	160,414	\$ 25.76	\$ 28.90	\$ 25.97	\$ 3.15	\$ 0.21
21 to 30	30	172,337	\$ 28.89	\$ 30.35	\$ 27.95	\$ 1.47	\$ (0.93)
31 to 50	50	146,258	\$ 31.95	\$ 33.26	\$ 31.92	\$ 1.31	\$ (0.02)
51 to 100	100	43,955	\$ 39.59	\$ 42.05	\$ 43.95	\$ 2.46	\$ 4.35
101 to 150	150	3,759	\$ 47.24	\$ 50.84	\$ 55.97	\$ 3.60	\$ 8.73
151 to 200	200	1,002	\$ 54.89	\$ 59.64	\$ 67.99	\$ 4.74	\$ 13.10
201 to 300	300	716	\$ 70.19	\$ 77.22	\$ 92.03	\$ 7.03	\$ 21.85
301 to 400	400	383	\$ 85.49	\$ 94.81	\$ 116.08	\$ 9.32	\$ 30.59
401 to 500	500	203	\$ 100.78	\$ 112.39	\$ 140.12	\$ 11.61	\$ 39.34
501 to 600	600	136	\$ 116.08	\$ 129.98	\$ 164.17	\$ 13.90	\$ 48.09
Over 600	650	196	\$ 123.73	\$ 138.77	\$ 176.19	\$ 15.04	\$ 52.46

Usage Range	High End of June Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	118,099	\$ 22.63	\$ 27.45	\$ 23.98	\$ 4.82	\$ 1.36
11 to 20	20	240,377	\$ 25.76	\$ 28.90	\$ 25.97	\$ 3.15	\$ 0.21
21 to 30	30	151,900	\$ 28.89	\$ 30.35	\$ 27.95	\$ 1.47	\$ (0.93)
31 to 50	50	69,520	\$ 31.95	\$ 33.26	\$ 31.92	\$ 1.31	\$ (0.02)
51 to 100	100	10,916	\$ 39.59	\$ 42.05	\$ 43.95	\$ 2.46	\$ 4.35
101 to 150	150	1,728	\$ 47.24	\$ 50.84	\$ 55.97	\$ 3.60	\$ 8.73
151 to 200	200	926	\$ 54.89	\$ 59.64	\$ 67.99	\$ 4.74	\$ 13.10
201 to 300	300	855	\$ 70.19	\$ 77.22	\$ 92.03	\$ 7.03	\$ 21.85
301 to 400	400	322	\$ 85.49	\$ 94.81	\$ 116.08	\$ 9.32	\$ 30.59
401 to 500	500	126	\$ 100.78	\$ 112.39	\$ 140.12	\$ 11.61	\$ 39.34
501 to 600	600	62	\$ 116.08	\$ 129.98	\$ 164.17	\$ 13.90	\$ 48.09
Over 600	650	64	\$ 123.73	\$ 138.77	\$ 176.19	\$ 15.04	\$ 52.46

Usage Range	High End of July Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	193,841	\$ 22.63	\$ 27.45	\$ 23.98	\$ 4.82	\$ 1.36
11 to 20	20	279,264	\$ 25.76	\$ 28.90	\$ 25.97	\$ 3.15	\$ 0.21
21 to 30	30	87,188	\$ 28.89	\$ 30.35	\$ 27.95	\$ 1.47	\$ (0.93)
31 to 50	50	23,792	\$ 31.95	\$ 33.26	\$ 31.92	\$ 1.31	\$ (0.02)
51 to 100	100	4,862	\$ 39.59	\$ 42.05	\$ 43.95	\$ 2.46	\$ 4.35
101 to 150	150	1,044	\$ 47.24	\$ 50.84	\$ 55.97	\$ 3.60	\$ 8.73
151 to 200	200	400	\$ 54.89	\$ 59.64	\$ 67.99	\$ 4.74	\$ 13.10
201 to 300	300	270	\$ 70.19	\$ 77.22	\$ 92.03	\$ 7.03	\$ 21.85
301 to 400	400	58	\$ 85.49	\$ 94.81	\$ 116.08	\$ 9.32	\$ 30.59
401 to 500	500	17	\$ 100.78	\$ 112.39	\$ 140.12	\$ 11.61	\$ 39.34
501 to 600	600	13	\$ 116.08	\$ 129.98	\$ 164.17	\$ 13.90	\$ 48.09
Over 600	650	17	\$ 123.73	\$ 138.77	\$ 176.19	\$ 15.04	\$ 52.46

Usage Range	High End of August Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	223,098	\$ 22.63	\$ 27.45	\$ 23.98	\$ 4.82	\$ 1.36
11 to 20	20	275,021	\$ 25.76	\$ 28.90	\$ 25.97	\$ 3.15	\$ 0.21
21 to 30	30	69,546	\$ 28.89	\$ 30.35	\$ 27.95	\$ 1.47	\$ (0.93)
31 to 50	50	16,856	\$ 31.95	\$ 33.26	\$ 31.92	\$ 1.31	\$ (0.02)
51 to 100	100	3,499	\$ 39.59	\$ 42.05	\$ 43.95	\$ 2.46	\$ 4.35
101 to 150	150	655	\$ 47.24	\$ 50.84	\$ 55.97	\$ 3.60	\$ 8.73
151 to 200	200	260	\$ 54.89	\$ 59.64	\$ 67.99	\$ 4.74	\$ 13.10
201 to 300	300	161	\$ 70.19	\$ 77.22	\$ 92.03	\$ 7.03	\$ 21.85
301 to 400	400	39	\$ 85.49	\$ 94.81	\$ 116.08	\$ 9.32	\$ 30.59
401 to 500	500	20	\$ 100.78	\$ 112.39	\$ 140.12	\$ 11.61	\$ 39.34
501 to 600	600	10	\$ 116.08	\$ 129.98	\$ 164.17	\$ 13.90	\$ 48.09
Over 600	650	16	\$ 123.73	\$ 138.77	\$ 176.19	\$ 15.04	\$ 52.46

Usage Range	High End of September Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	179,582	\$ 22.63	\$ 27.45	\$ 23.98	\$ 4.82	\$ 1.36
11 to 20	20	266,662	\$ 25.76	\$ 28.90	\$ 25.97	\$ 3.15	\$ 0.21
21 to 30	30	85,466	\$ 28.89	\$ 30.35	\$ 27.95	\$ 1.47	\$ (0.93)
31 to 50	50	24,488	\$ 31.95	\$ 33.26	\$ 31.92	\$ 1.31	\$ (0.02)
51 to 100	100	4,674	\$ 39.59	\$ 42.05	\$ 43.95	\$ 2.46	\$ 4.35
101 to 150	150	1,197	\$ 47.24	\$ 50.84	\$ 55.97	\$ 3.60	\$ 8.73
151 to 200	200	646	\$ 54.89	\$ 59.64	\$ 67.99	\$ 4.74	\$ 13.10
201 to 300	300	634	\$ 70.19	\$ 77.22	\$ 92.03	\$ 7.03	\$ 21.85
301 to 400	400	231	\$ 85.49	\$ 94.81	\$ 116.08	\$ 9.32	\$ 30.59
401 to 500	500	101	\$ 100.78	\$ 112.39	\$ 140.12	\$ 11.61	\$ 39.34
501 to 600	600	45	\$ 116.08	\$ 129.98	\$ 164.17	\$ 13.90	\$ 48.09
Over 600	650	40	\$ 123.73	\$ 138.77	\$ 176.19	\$ 15.04	\$ 52.46

Usage Range	High End of October Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	159,741	\$ 22.63	\$ 27.45	\$ 23.98	\$ 4.82	\$ 1.36
11 to 20	20	262,651	\$ 25.76	\$ 28.90	\$ 25.97	\$ 3.15	\$ 0.21
21 to 30	30	107,193	\$ 28.89	\$ 30.35	\$ 27.95	\$ 1.47	\$ (0.93)
31 to 50	50	45,183	\$ 31.95	\$ 33.26	\$ 31.92	\$ 1.31	\$ (0.02)
51 to 100	100	10,569	\$ 39.59	\$ 42.05	\$ 43.95	\$ 2.46	\$ 4.35
101 to 150	150	1,185	\$ 47.24	\$ 50.84	\$ 55.97	\$ 3.60	\$ 8.73
151 to 200	200	522	\$ 54.89	\$ 59.64	\$ 67.99	\$ 4.74	\$ 13.10
201 to 300	300	513	\$ 70.19	\$ 77.22	\$ 92.03	\$ 7.03	\$ 21.85
301 to 400	400	268	\$ 85.49	\$ 94.81	\$ 116.08	\$ 9.32	\$ 30.59
401 to 500	500	175	\$ 100.78	\$ 112.39	\$ 140.12	\$ 11.61	\$ 39.34
501 to 600	600	122	\$ 116.08	\$ 129.98	\$ 164.17	\$ 13.90	\$ 48.09
Over 600	650	146	\$ 123.73	\$ 138.77	\$ 176.19	\$ 15.04	\$ 52.46

Usage Range	High End of November Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	66,736	\$ 28.67	\$ 27.45	\$ 23.98	\$ (1.22)	\$ (4.68)
11 to 20	20	132,815	\$ 37.84	\$ 28.90	\$ 25.97	\$ (8.93)	\$ (11.87)
21 to 30	30	121,474	\$ 47.01	\$ 30.35	\$ 27.95	\$ (16.65)	\$ (19.05)
31 to 50	50	145,469	\$ 47.01	\$ 33.26	\$ 31.92	\$ (13.75)	\$ (15.08)
51 to 100	100	107,093	\$ 47.01	\$ 42.05	\$ 43.95	\$ (4.96)	\$ (3.06)
101 to 150	150	13,680	\$ 47.01	\$ 50.84	\$ 55.97	\$ 3.84	\$ 8.96
151 to 200	200	2,666	\$ 47.01	\$ 59.64	\$ 67.99	\$ 12.63	\$ 20.98
201 to 300	300	1,080	\$ 47.01	\$ 77.22	\$ 92.03	\$ 30.21	\$ 45.03
301 to 400	400	239	\$ 47.01	\$ 94.81	\$ 116.08	\$ 47.80	\$ 69.07
401 to 500	500	108	\$ 47.01	\$ 112.39	\$ 140.12	\$ 65.38	\$ 93.12
501 to 600	600	64	\$ 47.01	\$ 129.98	\$ 164.17	\$ 82.97	\$ 117.16
Over 600	650	117	\$ 47.01	\$ 138.77	\$ 176.19	\$ 91.76	\$ 129.18

Usage Range	High End of December Bill			Incline Alt. with	Incline Alt. with	Bill Diff.	Bill Diff.
	Range	Distribution	Current Bill	\$26 Customer Charge	\$22 Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	13,276	\$ 28.67	\$ 27.45	\$ 23.98	\$ (1.22)	\$ (4.68)
11 to 20	20	11,475	\$ 37.84	\$ 28.90	\$ 25.97	\$ (8.93)	\$ (11.87)
21 to 30	30	13,267	\$ 47.01	\$ 30.35	\$ 27.95	\$ (16.65)	\$ (19.05)
31 to 50	50	45,703	\$ 47.01	\$ 33.26	\$ 31.92	\$ (13.75)	\$ (15.08)
51 to 100	100	185,052	\$ 47.01	\$ 42.05	\$ 43.95	\$ (4.96)	\$ (3.06)
101 to 150	150	160,461	\$ 47.01	\$ 50.84	\$ 55.97	\$ 3.84	\$ 8.96
151 to 200	200	81,680	\$ 47.01	\$ 59.64	\$ 67.99	\$ 12.63	\$ 20.98
201 to 300	300	48,011	\$ 47.01	\$ 77.22	\$ 92.03	\$ 30.21	\$ 45.03
301 to 400	400	10,078	\$ 47.01	\$ 94.81	\$ 116.08	\$ 47.80	\$ 69.07
401 to 500	500	3,010	\$ 47.01	\$ 112.39	\$ 140.12	\$ 65.38	\$ 93.12
501 to 600	600	1,167	\$ 47.01	\$ 129.98	\$ 164.17	\$ 82.97	\$ 117.16
Over 600	650	1,059	\$ 47.01	\$ 138.77	\$ 176.19	\$ 91.76	\$ 129.18

**Bill Impacts Using Staff Revenue Requirement without PGA**

Usage Range	High End of Range	January Bill		\$26 Customer Charge	\$22 Customer Charge	Bill Diff.	Bill Diff.
		Distribution	Current Bill			Current and \$26	Current and \$22
1 to 10	10	10,571	\$ 28.67	\$ 27.61	\$ 24.21	\$ (1.06)	\$ (4.46)
11 to 20	20	7,193	\$ 37.84	\$ 29.23	\$ 26.41	\$ (8.61)	\$ (11.43)
21 to 30	30	7,798	\$ 47.01	\$ 30.84	\$ 28.62	\$ (16.17)	\$ (18.39)
31 to 50	50	20,461	\$ 47.01	\$ 34.06	\$ 33.03	\$ (12.94)	\$ (13.98)
51 to 100	100	126,010	\$ 47.01	\$ 42.13	\$ 44.05	\$ (4.88)	\$ (2.95)
101 to 150	150	186,156	\$ 47.01	\$ 50.19	\$ 55.08	\$ 3.19	\$ 8.08
151 to 200	200	124,569	\$ 47.01	\$ 58.26	\$ 66.11	\$ 11.25	\$ 19.10
201 to 300	300	87,139	\$ 47.01	\$ 74.39	\$ 88.16	\$ 27.38	\$ 41.16
301 to 400	400	20,549	\$ 47.01	\$ 90.52	\$ 110.22	\$ 43.51	\$ 63.21
401 to 500	500	6,481	\$ 47.01	\$ 106.65	\$ 132.27	\$ 59.64	\$ 85.26
501 to 600	600	2,383	\$ 47.01	\$ 122.77	\$ 154.32	\$ 75.77	\$ 107.32
Over 600	650	2,070	\$ 47.01	\$ 130.84	\$ 165.35	\$ 83.83	\$ 118.35

Usage Range	High End of Range	February Bill		\$26 Customer Charge	\$22 Customer Charge	Bill Diff.	Bill Diff.
		Distribution	Current Bill			Current and \$26	Current and \$22
1 to 10	10	10,826	\$ 28.67	\$ 27.61	\$ 24.21	\$ (1.06)	\$ (4.46)
11 to 20	20	6,861	\$ 37.84	\$ 29.23	\$ 26.41	\$ (8.61)	\$ (11.43)
21 to 30	30	7,292	\$ 47.01	\$ 30.84	\$ 28.62	\$ (16.17)	\$ (18.39)
31 to 50	50	20,343	\$ 47.01	\$ 34.06	\$ 33.03	\$ (12.94)	\$ (13.98)
51 to 100	100	136,058	\$ 47.01	\$ 42.13	\$ 44.05	\$ (4.88)	\$ (2.95)
101 to 150	150	213,017	\$ 47.01	\$ 50.19	\$ 55.08	\$ 3.19	\$ 8.08
151 to 200	200	122,063	\$ 47.01	\$ 58.26	\$ 66.11	\$ 11.25	\$ 19.10
201 to 300	300	67,486	\$ 47.01	\$ 74.39	\$ 88.16	\$ 27.38	\$ 41.16
301 to 400	400	13,049	\$ 47.01	\$ 90.52	\$ 110.22	\$ 43.51	\$ 63.21
401 to 500	500	3,542	\$ 47.01	\$ 106.65	\$ 132.27	\$ 59.64	\$ 85.26
501 to 600	600	1,272	\$ 47.01	\$ 122.77	\$ 154.32	\$ 75.77	\$ 107.32
Over 600	650	1,205	\$ 47.01	\$ 130.84	\$ 165.35	\$ 83.83	\$ 118.35

Usage Range	High End of Range	March Bill Distribution	Current Bill	\$26		\$22		Bill Diff.	Bill Diff.
				Customer Charge	Customer Charge	Current and \$26	Current and \$22	Between	Between
1 to 10	10	13,980	\$ 28.67	\$ 27.61	\$ 24.21	\$ (1.06)	\$ (4.46)		
11 to 20	20	13,055	\$ 37.84	\$ 29.23	\$ 26.41	\$ (8.61)	\$ (11.43)		
21 to 30	30	17,370	\$ 47.01	\$ 30.84	\$ 28.62	\$ (16.17)	\$ (18.39)		
31 to 50	50	58,222	\$ 47.01	\$ 34.06	\$ 33.03	\$ (12.94)	\$ (13.98)		
51 to 100	100	265,959	\$ 47.01	\$ 42.13	\$ 44.05	\$ (4.88)	\$ (2.95)		
101 to 150	150	161,192	\$ 47.01	\$ 50.19	\$ 55.08	\$ 3.19	\$ 8.08		
151 to 200	200	50,919	\$ 47.01	\$ 58.26	\$ 66.11	\$ 11.25	\$ 19.10		
201 to 300	300	19,077	\$ 47.01	\$ 74.39	\$ 88.16	\$ 27.38	\$ 41.16		
301 to 400	400	2,801	\$ 47.01	\$ 90.52	\$ 110.22	\$ 43.51	\$ 63.21		
401 to 500	500	781	\$ 47.01	\$ 106.65	\$ 132.27	\$ 59.64	\$ 85.26		
501 to 600	600	243	\$ 47.01	\$ 122.77	\$ 154.32	\$ 75.77	\$ 107.32		
Over 600	650	255	\$ 47.01	\$ 130.84	\$ 165.35	\$ 83.83	\$ 118.35		

Usage Range	High End of Range	April Bill Distribution	Current Bill	\$26		\$22		Bill Diff.	Bill Diff.
				Customer Charge	Customer Charge	Current and \$26	Current and \$22	Between	Between
1 to 10	10	22,362	\$ 28.67	\$ 27.61	\$ 24.21	\$ (1.06)	\$ (4.46)		
11 to 20	20	30,511	\$ 37.84	\$ 29.23	\$ 26.41	\$ (8.61)	\$ (11.43)		
21 to 30	30	49,964	\$ 47.01	\$ 30.84	\$ 28.62	\$ (16.17)	\$ (18.39)		
31 to 50	50	157,886	\$ 47.01	\$ 34.06	\$ 33.03	\$ (12.94)	\$ (13.98)		
51 to 100	100	260,656	\$ 47.01	\$ 42.13	\$ 44.05	\$ (4.88)	\$ (2.95)		
101 to 150	150	44,214	\$ 47.01	\$ 50.19	\$ 55.08	\$ 3.19	\$ 8.08		
151 to 200	200	7,641	\$ 47.01	\$ 58.26	\$ 66.11	\$ 11.25	\$ 19.10		
201 to 300	300	2,838	\$ 47.01	\$ 74.39	\$ 88.16	\$ 27.38	\$ 41.16		
301 to 400	400	515	\$ 47.01	\$ 90.52	\$ 110.22	\$ 43.51	\$ 63.21		
401 to 500	500	169	\$ 47.01	\$ 106.65	\$ 132.27	\$ 59.64	\$ 85.26		
501 to 600	600	97	\$ 47.01	\$ 122.77	\$ 154.32	\$ 75.77	\$ 107.32		
Over 600	650	153	\$ 47.01	\$ 130.84	\$ 165.35	\$ 83.83	\$ 118.35		

Usage Range	High End of Range	May Bill Distribution	Current Bill	\$26		\$22		Bill Diff.	Bill Diff.
				Customer Charge	Customer Charge	Current and \$26	Current and \$22	Between	Between
1 to 10	10	68,445	\$ 22.63	\$ 27.61	\$ 24.21	\$ 4.98	\$ 1.58		
11 to 20	20	160,414	\$ 25.76	\$ 29.23	\$ 26.41	\$ 3.47	\$ 0.65		
21 to 30	30	172,337	\$ 28.89	\$ 30.84	\$ 28.62	\$ 1.95	\$ (0.27)		
31 to 50	50	146,258	\$ 31.95	\$ 34.06	\$ 33.03	\$ 2.12	\$ 1.08		
51 to 100	100	43,955	\$ 39.59	\$ 42.13	\$ 44.05	\$ 2.53	\$ 4.46		
101 to 150	150	3,759	\$ 47.24	\$ 50.19	\$ 55.08	\$ 2.95	\$ 7.84		
151 to 200	200	1,002	\$ 54.89	\$ 58.26	\$ 66.11	\$ 3.37	\$ 11.22		
201 to 300	300	716	\$ 70.19	\$ 74.39	\$ 88.16	\$ 4.20	\$ 17.97		
301 to 400	400	383	\$ 85.49	\$ 90.52	\$ 110.22	\$ 5.03	\$ 24.73		
401 to 500	500	203	\$ 100.78	\$ 106.65	\$ 132.27	\$ 5.86	\$ 31.49		
501 to 600	600	136	\$ 116.08	\$ 122.77	\$ 154.32	\$ 6.69	\$ 38.24		
Over 600	650	196	\$ 123.73	\$ 130.84	\$ 165.35	\$ 7.11	\$ 41.62		



Usage Range	High End of Range	June Bill		\$26	\$22	Bill Diff.	Bill Diff.
		Distribution	Current Bill	Customer Charge	Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	118,099	\$ 22.63	\$ 27.61	\$ 24.21	\$ 4.98	\$ 1.58
11 to 20	20	240,377	\$ 25.76	\$ 29.23	\$ 26.41	\$ 3.47	\$ 0.65
21 to 30	30	151,900	\$ 28.89	\$ 30.84	\$ 28.62	\$ 1.95	\$ (0.27)
31 to 50	50	69,520	\$ 31.95	\$ 34.06	\$ 33.03	\$ 2.12	\$ 1.08
51 to 100	100	10,916	\$ 39.59	\$ 42.13	\$ 44.05	\$ 2.53	\$ 4.46
101 to 150	150	1,728	\$ 47.24	\$ 50.19	\$ 55.08	\$ 2.95	\$ 7.84
151 to 200	200	926	\$ 54.89	\$ 58.26	\$ 66.11	\$ 3.37	\$ 11.22
201 to 300	300	855	\$ 70.19	\$ 74.39	\$ 88.16	\$ 4.20	\$ 17.97
301 to 400	400	322	\$ 85.49	\$ 90.52	\$ 110.22	\$ 5.03	\$ 24.73
401 to 500	500	126	\$ 100.78	\$ 106.65	\$ 132.27	\$ 5.86	\$ 31.49
501 to 600	600	62	\$ 116.08	\$ 122.77	\$ 154.32	\$ 6.69	\$ 38.24
Over 600	650	64	\$ 123.73	\$ 130.84	\$ 165.35	\$ 7.11	\$ 41.62

Usage Range	High End of Range	July Bill		\$26	\$22	Bill Diff.	Bill Diff.
		Distribution	Current Bill	Customer Charge	Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	193,841	\$ 22.63	\$ 27.61	\$ 24.21	\$ 4.98	\$ 1.58
11 to 20	20	279,264	\$ 25.76	\$ 29.23	\$ 26.41	\$ 3.47	\$ 0.65
21 to 30	30	87,188	\$ 28.89	\$ 30.84	\$ 28.62	\$ 1.95	\$ (0.27)
31 to 50	50	23,792	\$ 31.95	\$ 34.06	\$ 33.03	\$ 2.12	\$ 1.08
51 to 100	100	4,862	\$ 39.59	\$ 42.13	\$ 44.05	\$ 2.53	\$ 4.46
101 to 150	150	1,044	\$ 47.24	\$ 50.19	\$ 55.08	\$ 2.95	\$ 7.84
151 to 200	200	400	\$ 54.89	\$ 58.26	\$ 66.11	\$ 3.37	\$ 11.22
201 to 300	300	270	\$ 70.19	\$ 74.39	\$ 88.16	\$ 4.20	\$ 17.97
301 to 400	400	58	\$ 85.49	\$ 90.52	\$ 110.22	\$ 5.03	\$ 24.73
401 to 500	500	17	\$ 100.78	\$ 106.65	\$ 132.27	\$ 5.86	\$ 31.49
501 to 600	600	13	\$ 116.08	\$ 122.77	\$ 154.32	\$ 6.69	\$ 38.24
Over 600	650	17	\$ 123.73	\$ 130.84	\$ 165.35	\$ 7.11	\$ 41.62

Usage Range	High End of Range	August Bill		\$26	\$22	Bill Diff.	Bill Diff.
		Distribution	Current Bill	Customer Charge	Customer Charge	Between Current and \$26	Between Current and \$22
1 to 10	10	223,098	\$ 22.63	\$ 27.61	\$ 24.21	\$ 4.98	\$ 1.58
11 to 20	20	275,021	\$ 25.76	\$ 29.23	\$ 26.41	\$ 3.47	\$ 0.65
21 to 30	30	69,546	\$ 28.89	\$ 30.84	\$ 28.62	\$ 1.95	\$ (0.27)
31 to 50	50	16,856	\$ 31.95	\$ 34.06	\$ 33.03	\$ 2.12	\$ 1.08
51 to 100	100	3,499	\$ 39.59	\$ 42.13	\$ 44.05	\$ 2.53	\$ 4.46
101 to 150	150	655	\$ 47.24	\$ 50.19	\$ 55.08	\$ 2.95	\$ 7.84
151 to 200	200	260	\$ 54.89	\$ 58.26	\$ 66.11	\$ 3.37	\$ 11.22
201 to 300	300	161	\$ 70.19	\$ 74.39	\$ 88.16	\$ 4.20	\$ 17.97
301 to 400	400	39	\$ 85.49	\$ 90.52	\$ 110.22	\$ 5.03	\$ 24.73
401 to 500	500	20	\$ 100.78	\$ 106.65	\$ 132.27	\$ 5.86	\$ 31.49
501 to 600	600	10	\$ 116.08	\$ 122.77	\$ 154.32	\$ 6.69	\$ 38.24
Over 600	650	16	\$ 123.73	\$ 130.84	\$ 165.35	\$ 7.11	\$ 41.62

Usage Range	High End of Range	September Bill Distribution	Current Bill	\$26		\$22		Bill Diff.	Bill Diff.
				Customer Charge	Customer Charge	Current and \$26	Current and \$22	Between	Between
1 to 10	10	179,582	\$ 22.63	\$ 27.61	\$ 24.21	\$ 4.98	\$ 1.58		
11 to 20	20	266,662	\$ 25.76	\$ 29.23	\$ 26.41	\$ 3.47	\$ 0.65		
21 to 30	30	85,466	\$ 28.89	\$ 30.84	\$ 28.62	\$ 1.95	\$ (0.27)		
31 to 50	50	24,488	\$ 31.95	\$ 34.06	\$ 33.03	\$ 2.12	\$ 1.08		
51 to 100	100	4,674	\$ 39.59	\$ 42.13	\$ 44.05	\$ 2.53	\$ 4.46		
101 to 150	150	1,197	\$ 47.24	\$ 50.19	\$ 55.08	\$ 2.95	\$ 7.84		
151 to 200	200	646	\$ 54.89	\$ 58.26	\$ 66.11	\$ 3.37	\$ 11.22		
201 to 300	300	634	\$ 70.19	\$ 74.39	\$ 88.16	\$ 4.20	\$ 17.97		
301 to 400	400	231	\$ 85.49	\$ 90.52	\$ 110.22	\$ 5.03	\$ 24.73		
401 to 500	500	101	\$ 100.78	\$ 106.65	\$ 132.27	\$ 5.86	\$ 31.49		
501 to 600	600	45	\$ 116.08	\$ 122.77	\$ 154.32	\$ 6.69	\$ 38.24		
Over 600	650	40	\$ 123.73	\$ 130.84	\$ 165.35	\$ 7.11	\$ 41.62		

Usage Range	High End of Range	October Bill Distribution	Current Bill	\$26		\$22		Bill Diff.	Bill Diff.
				Customer Charge	Customer Charge	Current and \$26	Current and \$22	Between	Between
1 to 10	10	159,741	\$ 22.63	\$ 27.61	\$ 24.21	\$ 4.98	\$ 1.58		
11 to 20	20	262,651	\$ 25.76	\$ 29.23	\$ 26.41	\$ 3.47	\$ 0.65		
21 to 30	30	107,193	\$ 28.89	\$ 30.84	\$ 28.62	\$ 1.95	\$ (0.27)		
31 to 50	50	45,183	\$ 31.95	\$ 34.06	\$ 33.03	\$ 2.12	\$ 1.08		
51 to 100	100	10,569	\$ 39.59	\$ 42.13	\$ 44.05	\$ 2.53	\$ 4.46		
101 to 150	150	1,185	\$ 47.24	\$ 50.19	\$ 55.08	\$ 2.95	\$ 7.84		
151 to 200	200	522	\$ 54.89	\$ 58.26	\$ 66.11	\$ 3.37	\$ 11.22		
201 to 300	300	513	\$ 70.19	\$ 74.39	\$ 88.16	\$ 4.20	\$ 17.97		
301 to 400	400	268	\$ 85.49	\$ 90.52	\$ 110.22	\$ 5.03	\$ 24.73		
401 to 500	500	175	\$ 100.78	\$ 106.65	\$ 132.27	\$ 5.86	\$ 31.49		
501 to 600	600	122	\$ 116.08	\$ 122.77	\$ 154.32	\$ 6.69	\$ 38.24		
Over 600	650	146	\$ 123.73	\$ 130.84	\$ 165.35	\$ 7.11	\$ 41.62		

Usage Range	High End of Range	November Bill Distribution	Current Bill	\$26		\$22		Bill Diff.	Bill Diff.
				Customer Charge	Customer Charge	Current and \$26	Current and \$22	Between	Between
1 to 10	10	66,736	\$ 28.67	\$ 27.61	\$ 24.21	\$ (1.06)	\$ (4.46)		
11 to 20	20	132,815	\$ 37.84	\$ 29.23	\$ 26.41	\$ (8.61)	\$ (11.43)		
21 to 30	30	121,474	\$ 47.01	\$ 30.84	\$ 28.62	\$ (16.17)	\$ (18.39)		
31 to 50	50	145,469	\$ 47.01	\$ 34.06	\$ 33.03	\$ (12.94)	\$ (13.98)		
51 to 100	100	107,093	\$ 47.01	\$ 42.13	\$ 44.05	\$ (4.88)	\$ (2.95)		
101 to 150	150	13,680	\$ 47.01	\$ 50.19	\$ 55.08	\$ 3.19	\$ 8.08		
151 to 200	200	2,666	\$ 47.01	\$ 58.26	\$ 66.11	\$ 11.25	\$ 19.10		
201 to 300	300	1,080	\$ 47.01	\$ 74.39	\$ 88.16	\$ 27.38	\$ 41.16		
301 to 400	400	239	\$ 47.01	\$ 90.52	\$ 110.22	\$ 43.51	\$ 63.21		
401 to 500	500	108	\$ 47.01	\$ 106.65	\$ 132.27	\$ 59.64	\$ 85.26		
501 to 600	600	64	\$ 47.01	\$ 122.77	\$ 154.32	\$ 75.77	\$ 107.32		
Over 600	650	117	\$ 47.01	\$ 130.84	\$ 165.35	\$ 83.83	\$ 118.35		

Usage Range	High End of Range	December Bill Distribution	Current Bill	\$26 Customer Charge		\$22 Customer Charge		Bill Diff. Between Current and \$26	Bill Diff. Between Current and \$22
				\$26 Customer Charge	\$22 Customer Charge	Bill Diff. Between Current and \$26	Bill Diff. Between Current and \$22		
1 to 10	10	13,276	\$ 28.67	\$ 27.61	\$ 24.21	\$ (1.06)	\$ (4.46)		
11 to 20	20	11,475	\$ 37.84	\$ 29.23	\$ 26.41	\$ (8.61)	\$ (11.43)		
21 to 30	30	13,267	\$ 47.01	\$ 30.84	\$ 28.62	\$ (16.17)	\$ (18.39)		
31 to 50	50	45,703	\$ 47.01	\$ 34.06	\$ 33.03	\$ (12.94)	\$ (13.98)		
51 to 100	100	185,052	\$ 47.01	\$ 42.13	\$ 44.05	\$ (4.88)	\$ (2.95)		
101 to 150	150	160,461	\$ 47.01	\$ 50.19	\$ 55.08	\$ 3.19	\$ 8.08		
151 to 200	200	81,680	\$ 47.01	\$ 58.26	\$ 66.11	\$ 11.25	\$ 19.10		
201 to 300	300	48,011	\$ 47.01	\$ 74.39	\$ 88.16	\$ 27.38	\$ 41.16		
301 to 400	400	10,078	\$ 47.01	\$ 90.52	\$ 110.22	\$ 43.51	\$ 63.21		
401 to 500	500	3,010	\$ 47.01	\$ 106.65	\$ 132.27	\$ 59.64	\$ 85.26		
501 to 600	600	1,167	\$ 47.01	\$ 122.77	\$ 154.32	\$ 75.77	\$ 107.32		
Over 600	650	1,059	\$ 47.01	\$ 130.84	\$ 165.35	\$ 83.83	\$ 118.35		