

2019 Utility Bill Comparisons for Selected Cities

Rates in effect January 2019

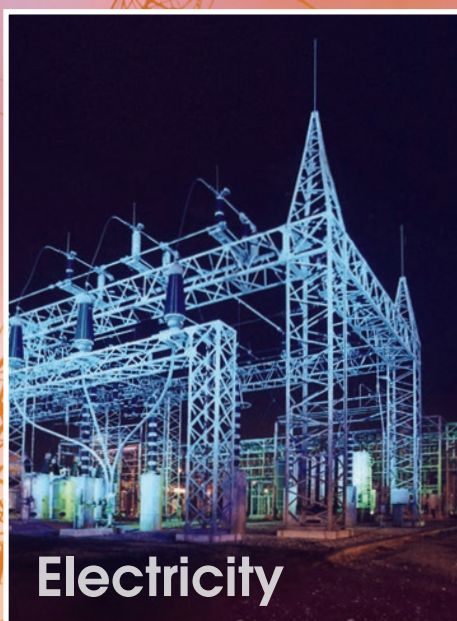


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MLGW

SERVING YOU IS
WHAT WE DO

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Survey History

The largest three-service municipal utility system in the nation, MLGW delivers electricity, natural gas and water throughout Memphis and Shelby County. Each year we strive to not only deliver the best possible price, but also the highest quality service.

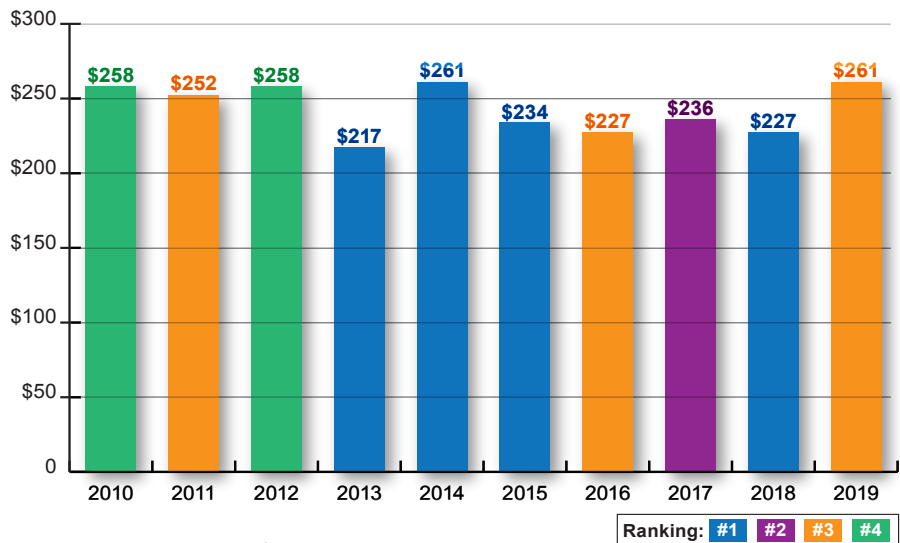
We surveyed 40 cities, including many that are geographically close to Memphis, as well as utilities that are similar in size to MLGW. All costs covered in this survey are based on published rates effective January 2019.

MLGW started collecting data on rates in the early 1990s. Memphis continues to outperform many cities in terms of what customers pay for electricity, natural gas and water services. MLGW's financial management remains a driving force in keeping utility bills as low as possible.

We are proud to present the 2019 Utility Bill Comparisons for Selected Cities. MLGW, a division of the City of Memphis, compiled the data. The survey compares residential, commercial and industrial electric, gas and water bills at various usage levels with rates in effect January 2019. Only FIRM RATES are used. Cities were selected on the basis of size and geographic location.

Memphis: 10 Years Among Lowest Winter Utility Bills

For 28 years, Memphis customers have spent less for their winter utility bills than their counterparts in many metro areas, capturing the top ranking 16 times since 1992. The 2019 ranking includes what a homeowner would pay for 1,000 kilowatt-hours of electricity, 200 hundred cubic feet (CCF) of gas and 10 CCF of water. Wastewater is no longer included. Dollar amounts have been rounded.



Participating Cities:

Atlanta, GA	Detroit, MI	London, England	Orlando, FL
Austin, TX	Houston, TX	Los Angeles, CA	Paris, France
Baltimore, MD	Huntsville, AL	Louisville, KY	Philadelphia, PA
Birmingham, AL	Indianapolis, IN	Miami, FL	Phoenix, AZ
Boston, MA	Jackson, MS	Milwaukee, WI	Salt Lake City, UT
Charlotte, NC	Jackson, TN	Nashville, TN	San Antonio, TX
Chattanooga, TN	Jacksonville, FL	New Orleans, LA	Seattle, WA
Chicago, IL	Knoxville, TN	New York, NY	Springfield, MO
Dallas, TX	Las Vegas, NV	Oklahoma City, OK	St. Louis, MO
Denver, CO	Little Rock, AR	Omaha, NE	Washington, D.C.

Guidelines used in providing the utility figures:

- Calculations are based on monthly consumption.
- Seasonal rates are used when applicable.
- Special early payment discounts are excluded.
- Time differentiated rates were excluded.
- Taxes not booked as revenue by the utility are excluded.
- Special rates for electric space heating and water heating are excluded.



The information in this book has been compiled to ensure maximum accuracy at the time of publication. Representative utilities provided the data, or MLGW calculated the rates through the collection of publicized rate and tariff information. MLGW cannot guarantee the correctness of the information furnished and cannot be responsible for errors or omissions. For more information about the survey, please call 901-528-4607.

Memphis Light, Gas and Water Division • P.O. Box 430 • Memphis, TN 38101-0430 • 901-528-4607

TYPICAL RESIDENTIAL WINTER BILL

Rates in effect January 2019

	Location	Electricity 1,000 kWh	Natural Gas 200 CCF	Water 10 CCF	Total
1	Oklahoma City, OK	\$86.53	\$100.31	\$39.86	\$226.70
2	San Antonio, TX	\$102.73	\$99.80	\$38.45	\$240.98
3	Memphis, TN	\$106.77	\$135.22	\$18.55	\$260.54
4	Denver, CO	\$106.06	\$126.72	\$31.42	\$264.20
5	Omaha, NE	\$107.63	\$127.22	\$30.18	\$265.03
6	Dallas, TX	\$108.50	\$138.08	\$24.77	\$271.35
7	St. Louis, MO	\$89.38	\$160.31	\$25.65	\$275.34
8	Salt Lake City, UT	\$110.36	\$145.73	\$23.39	\$279.48
9	Springfield, MO	\$89.84	\$156.33	\$45.00	\$291.17
10	Austin, TX	\$101.67	\$136.01	\$55.35	\$293.03
11	Milwaukee, WI	\$146.14	\$124.43	\$29.87	\$300.44
12	Las Vegas, NV	\$123.39	\$138.21	\$39.01	\$300.61
13	Houston, TX	\$122.50	\$140.54	\$38.69	\$301.73
14	Indianapolis, IN	\$115.41	\$141.78	\$45.42	\$302.61
15	Louisville, KY	\$109.93	\$171.50	\$35.13	\$316.56
16	Huntsville, AL	\$104.99	\$187.70	\$24.29	\$316.98
17	Atlanta, GA	\$111.92	\$152.56	\$54.96	\$319.44
18	Detroit, MI	\$148.66	\$142.28	\$32.01	\$322.95
19	Jackson, TN	\$116.35	\$170.71	\$36.98	\$324.04
20	Chattanooga, TN	\$113.64	\$172.27	\$41.41	\$327.32
21	Chicago, IL	\$127.79	\$172.89	\$29.55	\$330.23
22	New Orleans, LA	\$104.63	\$167.78	\$58.06	\$330.47
23	Nashville, TN	\$122.59	\$189.57	\$21.77	\$333.93
24	Little Rock, AR	\$100.97	\$215.93	\$21.53	\$338.43
25	Jackson, MS	\$103.84	\$207.30	\$32.10	\$343.24
26	Knoxville, TN	\$111.24	\$192.34	\$39.70	\$343.28
27	Seattle, WA	\$117.08	\$161.81	\$69.85	\$348.74
28	Charlotte, NC	\$110.10	\$229.28	\$32.02	\$371.40
29	Orlando, FL	\$106.00	\$271.79	\$15.22	\$393.01
30	Washington, D.C.	\$120.68	\$224.16	\$50.38	\$395.22
31	Phoenix, AZ	\$164.66	\$219.71	\$17.26	\$401.63
32	Miami, FL	\$97.91	\$286.21	\$25.29	\$409.41
33	Jacksonville, FL	\$114.63	\$271.79	\$25.54	\$411.96
34	Philadelphia, PA	\$140.62	\$221.40	\$49.97	\$411.99
35	Birmingham, AL	\$137.50	\$250.96	\$55.36	\$443.82
36	Baltimore, MD	\$122.23	\$296.38	\$38.05	\$456.66
37	Los Angeles, CA	\$205.92	\$285.62	\$63.96	\$555.50
38	London, England	\$233.79	\$286.02	\$47.15	\$566.96
39	Boston, MA	\$250.82	\$313.66	\$54.36	\$618.84
40	Paris, France	\$177.73	\$421.07	\$34.05	\$632.85
41	New York, NY	\$220.89	\$423.52	\$39.00	\$683.41

ELECTRICITY



MLGW buys electricity from the Tennessee Valley Authority. TVA sells its power on a non-profit basis to 154 local power companies. As TVA's largest customer, MLGW purchases 11 percent of TVA's power.

MLGW owns and maintains over 1,000 miles of transmission lines and four connection points or substations with TVA. The utility company is capable of meeting peak system demands of up to 3.6 million kilowatts for its 431,500 electric customers.

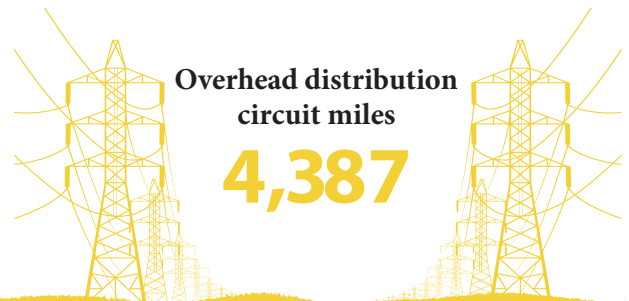
In 2018, the American Public Power Association's Reliable Public Power Provider program gave MLGW its highest ranking – Diamond level status which lasts for three years.



One kilowatt-hour equals ten 100-watt light bulbs staying on for an hour.



$$x 10 x 1hr = 1kw \text{ hour}$$



RESIDENTIAL ELECTRIC BILLS

Rates in effect January 2019

	Location	Company	500 kWh	1,000 kWh	1,500 kWh	2,000 kWh	2,500 kWh
1	Oklahoma City, OK	Oklahoma Gas and Electric Company	\$57.61	\$86.53	\$111.53	\$136.53	\$161.55
2	St. Louis, MO	Ameren Missouri	\$52.66	\$89.38	\$119.19	\$149.01	\$178.83
3	Springfield, MO	City Utilities of Springfield	\$51.35	\$89.84	\$123.89	\$157.94	\$191.99
4	Miami, FL	Florida Power and Light Company	\$52.95	\$97.91	\$152.96	\$208.00	\$263.05
5	Little Rock, AR	Entergy Arkansas, LLC	\$54.51	\$100.97	\$138.73	\$176.46	\$214.23
6	Austin, TX	Austin Energy	\$48.27	\$101.67	\$165.00	\$235.81	\$306.64
7	San Antonio, TX	CPS Energy	\$55.75	\$102.73	\$149.73	\$196.71	\$243.71
8	Jackson, MS	Entergy Mississippi, LLC	\$64.04	\$103.84	\$143.69	\$183.50	\$223.33
9	New Orleans, LA	Entergy New Orleans, LLC	\$57.68	\$104.63	\$147.79	\$190.96	\$234.13
10	Huntsville, AL	Huntsville Utilities	\$57.58	\$104.99	\$153.24	\$204.83	\$256.42
11	Orlando, FL	Orlando Utilities Commission	\$58.00	\$106.00	\$164.00	\$222.00	\$280.00
12	Denver, CO	Public Service Company of Colorado	\$55.67	\$106.06	\$156.45	\$206.84	\$257.23
13	Memphis, TN	Memphis Light, Gas and Water Division	\$59.57	\$106.77	\$153.97	\$201.17	\$248.37
14	Omaha, NE	Omaha Public Power District	\$69.40	\$107.63	\$134.91	\$162.19	\$189.47
15	Dallas, TX	TXU Energy	\$58.00	\$108.50	\$159.00	\$205.50	\$252.00
16	Louisville, KY	Louisville Gas and Electric Company	\$61.29	\$109.93	\$158.58	\$207.21	\$255.86
17	Charlotte, NC	Duke Energy	\$60.98	\$110.10	\$159.21	\$208.32	\$257.44
18	Salt Lake City, UT	Rocky Mountain Power	\$54.37	\$110.36	\$166.34	\$222.33	\$278.30
19	Knoxville, TN	Knoxville Utilities Board	\$65.12	\$111.24	\$157.36	\$203.48	\$249.60
20	Atlanta, GA	Georgia Power	\$64.22	\$111.92	\$157.46	\$203.02	\$248.59
21	Chattanooga, TN	EPB of Chattanooga	\$61.50	\$113.64	\$165.78	\$217.92	\$270.06
22	Jacksonville, FL	JEA	\$60.23	\$114.63	\$169.04	\$223.44	\$277.85
23	Indianapolis, IN	Indianapolis Power and Light Company	\$70.13	\$115.41	\$160.68	\$205.96	\$251.24
24	Jackson, TN	Jackson Energy Authority	\$68.19	\$116.35	\$164.52	\$212.68	\$260.85
25	Seattle, WA	Seattle City Light	\$50.80	\$117.08	\$183.36	\$249.64	\$315.92
26	Washington, D.C.	Pepco	\$66.32	\$120.68	\$175.06	\$229.42	\$283.80
27	Baltimore, MD	Baltimore Gas and Electric Company	\$65.07	\$122.23	\$179.40	\$236.56	\$293.73
28	Houston, TX	TXU Energy	\$64.50	\$122.50	\$180.50	\$232.00	\$283.50
29	Nashville, TN	Nashville Electric Service	\$66.12	\$122.59	\$173.11	\$223.62	\$278.14
30	Las Vegas, NV	Nevada Power Company	\$67.95	\$123.39	\$178.84	\$234.28	\$289.73
31	Chicago, IL	Commonwealth Edison	\$72.55	\$127.79	\$183.03	\$238.27	\$293.52
32	Birmingham, AL	Alabama Power	\$77.87	\$137.50	\$194.12	\$250.75	\$307.37
33	Philadelphia, PA	PECO	\$75.32	\$140.62	\$205.94	\$271.24	\$336.56
34	Milwaukee, WI	Wisconsin Electric Power Company	\$81.23	\$146.14	\$211.06	\$275.97	\$340.89
35	Detroit, MI	DTE Energy	\$74.95	\$148.66	\$222.80	\$296.92	\$371.06
36	Phoenix, AZ	Arizona Public Service Company	\$75.14	\$164.66	\$235.28	\$305.89	\$376.53
37	Paris, France	Electricity of France (EDF)	\$94.98	\$177.73	\$260.48	\$343.23	\$425.97
38	Los Angeles, CA	City of Los Angeles	\$97.63	\$205.92	\$326.47	\$434.76	\$543.06
39	New York, NY	ConEdison	\$118.88	\$220.89	\$322.74	\$424.64	\$526.58
40	London, England	EDF Energy	\$120.70	\$233.79	\$346.88	\$459.96	\$573.05
41	Boston, MA	Nstar Electric Company	\$128.63	\$250.82	\$373.02	\$495.21	\$617.41

GENERAL SERVICE ELECTRIC BILLS

Rates in effect January 2019

40 kW 5,000 kWh			100 kW 10,000 kWh		
1	Oklahoma City, OK	\$344.81	1	Oklahoma City, OK	\$629.01
2	Omaha, NE	\$383.80	2	St. Louis, MO	\$854.73
3	St. Louis, MO	\$432.99	3	Baltimore, MD	\$997.50
4	Seattle, WA	\$501.41	4	Seattle, WA	\$1,151.01
5	Baltimore, MD	\$504.80	5	Charlotte, NC	\$1,152.33
6	Jacksonville, FL	\$525.25	6	Omaha, NE	\$1,186.46
7	Memphis, TN	\$541.03	7	Detroit, MI	\$1,270.90
8	Charlotte, NC	\$552.90	8	Jacksonville, FL	\$1,293.36
9	Huntsville, AL	\$553.13	9	Milwaukee, WI	\$1,331.71
10	Louisville, KY	\$564.77	10	Jackson, MS	\$1,382.65
11	Indianapolis, IN	\$571.70	11	Little Rock, AR	\$1,394.90
12	Jackson, TN	\$577.43	12	New Orleans, LA	\$1,437.12
13	Knoxville, TN	\$587.75	13	Austin, TX	\$1,462.13
14	Chattanooga, TN	\$601.65	14	Philadelphia, PA	\$1,519.42
15	Little Rock, AR	\$646.43	15	Orlando, FL	\$1,547.00
16	New Orleans, LA	\$653.80	16	Miami, FL	\$1,622.44
17	Detroit, MI	\$660.80	17	Atlanta, GA	\$1,695.99
18	Philadelphia, PA	\$670.48	18	Springfield, MO	\$1,777.50
19	Milwaukee, WI	\$674.01	19	Birmingham, AL	\$1,778.91
20	Jackson, MS	\$680.71	20	Huntsville, AL	\$1,812.99
21	Chicago, IL	\$699.65	21	Jackson, TN	\$1,849.49
22	Orlando, FL	\$702.50	22	Memphis, TN	\$1,902.99
23	Miami, FL	\$715.19	23	Salt Lake City, UT	\$1,982.92
24	Nashville, TN	\$743.30	24	Chattanooga, TN	\$1,999.40
25	Austin, TX	\$744.89	25	Knoxville, TN	\$2,163.00
26	Springfield, MO	\$774.10	26	Denver, CO	\$2,294.80
27	Salt Lake City, UT	\$865.54	27	Phoenix, AZ	\$2,294.90
28	Birmingham, AL	\$867.99	28	Nashville, TN	\$2,355.37
29	Atlanta, GA	\$878.76	29	Louisville, KY	\$2,464.50
30	Denver, CO	\$979.10	30	Indianapolis, IN	\$2,634.28
31	Phoenix, AZ	\$1,054.87			



GENERAL SERVICE ELECTRIC BILLS

Rates in effect January 2019

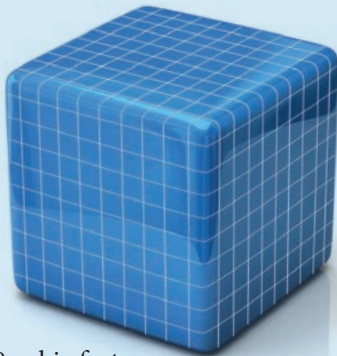


500 kW 100,000 kWh			1,500 kW 500,000 kWh		
1	Oklahoma City, OK	\$7,229.20	1	Oklahoma City, OK	\$29,360.00
2	St. Louis, MO	\$7,474.78	2	St. Louis, MO	\$31,896.38
3	Charlotte, NC	\$8,833.15	3	Omaha, NE	\$36,640.31
4	Omaha, NE	\$8,995.86	4	Charlotte, NC	\$38,291.34
5	Jackson, MS	\$9,479.54	5	Jackson, MS	\$38,984.34
6	Seattle, WA	\$9,581.60	6	Springfield, MO	\$39,110.00
7	Baltimore, MD	\$9,886.10	7	Little Rock, AR	\$42,917.18
8	Orlando, FL	\$10,628.00	8	Miami, FL	\$43,065.98
9	New Orleans, LA	\$10,654.42	9	Seattle, WA	\$43,474.73
10	Springfield, MO	\$10,680.00	10	Orlando, FL	\$43,988.00
11	Little Rock, AR	\$11,019.67	11	New Orleans, LA	\$44,122.20
12	Miami, FL	\$11,309.98	12	Phoenix, AZ	\$46,905.87
13	Salt Lake City, UT	\$11,506.66	13	Denver, CO	\$48,308.60
14	Jacksonville, FL	\$11,569.80	14	Austin, TX	\$48,866.50
15	Detroit, MI	\$12,252.79	15	Jacksonville, FL	\$50,089.69
16	Austin, TX	\$12,758.50	16	Indianapolis, IN	\$50,864.00
17	Huntsville, AL	\$13,082.09	17	Jackson, TN	\$52,042.88
18	Jackson, TN	\$13,090.54	18	Huntsville, AL	\$52,665.40
19	Milwaukee, WI	\$13,170.31	19	Memphis, TN	\$53,182.57
20	Memphis, TN	\$13,265.19	20	Atlanta, GA	\$55,573.52
21	Denver, CO	\$13,390.60	21	Chattanooga, TN	\$56,380.63
22	Knoxville, TN	\$13,811.10	22	Nashville, TN	\$58,708.54
23	Phoenix, AZ	\$13,972.87	23	Knoxville, TN	\$58,820.00
24	Chattanooga, TN	\$14,289.95	24	Detroit, MI	\$61,061.19
25	Indianapolis, IN	\$14,552.80	25	Milwaukee, WI	\$65,786.31
26	Nashville, TN	\$14,880.72	26	Birmingham, AL	\$67,356.49
27	Birmingham, AL	\$14,952.36			
28	Atlanta, GA	\$16,586.88			

NATURAL GAS

MLGW currently buys natural gas and moves it via three interstate pipeline companies, Texas Gas Transmission Corp., ANR Pipeline Co. and Trunkline Gas Co. MLGW supplies 314,000 gas customers with 30 billion cubic feet of gas a year purchased from more than 30 suppliers.

In addition to natural gas, MLGW also operates a wholesale Liquefied Natural Gas facility and two retail Compressed Natural Gas stations for our customers.



100 cubic feet

Ccf -

One hundred cubic feet is a common unit of measurement of gas volume.



RESIDENTIAL GAS BILLS

Rates in effect January 2019

	Location	Company	10 CCF	50 CCF	100 CCF	150 CCF	200 CCF	250 CCF
1	San Antonio, TX	CPS Energy	\$14.06	\$32.11	\$54.67	\$77.24	\$99.80	\$122.36
2	Oklahoma City, OK	Oklahoma Natural Gas	\$24.53	\$50.67	\$67.21	\$83.76	\$100.31	\$116.85
3	Milwaukee, WI	WeEnergies	\$15.94	\$38.78	\$67.33	\$95.88	\$124.43	\$152.98
4	Denver, CO	Public Service Company of Colorado	\$20.05	\$42.51	\$70.58	\$98.64	\$126.72	\$154.78
5	Omaha, NE	Metropolitan Utilities District	\$22.51	\$44.56	\$72.11	\$99.67	\$127.22	\$154.78
6	Memphis, TN	Memphis Light, Gas and Water Division	\$16.93	\$43.77	\$77.32	\$106.27	\$135.22	\$164.17
7	Austin, TX	Texas Gas Service, a division of ONE Gas, Inc.	\$24.41	\$47.91	\$77.28	\$106.64	\$136.01	\$165.38
8	Dallas, TX	Atmos Energy	\$25.90	\$49.53	\$79.04	\$108.57	\$138.08	\$167.61
9	Las Vegas, NV	Southwest Gas Corporation	\$17.17	\$42.65	\$74.51	\$106.36	\$138.21	\$170.07
10	Houston, TX	CenterPoint Energy	\$22.16	\$47.09	\$78.24	\$109.39	\$140.54	\$171.70
11	Indianapolis, IN	Citizens Energy Group	\$19.24	\$47.82	\$79.14	\$110.46	\$141.78	\$173.10
12	Detroit, MI	DTE Energy	\$18.29	\$44.39	\$77.02	\$109.65	\$142.28	\$174.91
13	Salt Lake City, UT	Dominion Energy	\$13.70	\$41.50	\$76.24	\$110.99	\$145.73	\$180.48
14	Atlanta, GA	Georgia Natural Gas	\$46.35	\$68.71	\$96.66	\$124.61	\$152.56	\$180.51
15	Springfield, MO	City Utilities of Springfield	\$22.30	\$50.52	\$85.79	\$121.06	\$156.33	\$191.60
16	St. Louis, MO	Spire Missouri, Inc.	\$29.21	\$56.81	\$91.31	\$125.81	\$160.31	\$194.82
17	Seattle, WA	Pugent Sound Energy	\$18.54	\$48.70	\$86.40	\$124.11	\$161.81	\$199.51
18	New Orleans, LA	Entergy New Orleans, LLC	\$21.00	\$51.89	\$90.53	\$129.15	\$167.78	\$206.40
19	Jackson, TN	Jackson Energy Authority	\$25.46	\$57.73	\$95.39	\$133.05	\$170.71	\$208.37
20	Louisville, KY	Louisville Gas and Electric Company	\$24.91	\$55.77	\$94.36	\$132.93	\$171.50	\$210.08
21	Chattanooga, TN	Chattanooga Gas Company	\$24.76	\$55.83	\$94.63	\$133.46	\$172.27	\$211.09
22	Chicago, IL	The Peoples Gas Light and Coke Company	\$41.87	\$69.45	\$103.94	\$138.41	\$172.89	\$283.15
23	Huntsville, AL	Huntsville Utilities	\$17.46	\$53.30	\$98.10	\$142.90	\$187.70	\$232.50
24	Nashville, TN	Piedmont Natural Gas Company	\$26.06	\$60.48	\$103.51	\$146.54	\$189.57	\$232.60
25	Knoxville, TN	Knoxville Utilities Board	\$21.06	\$60.47	\$104.43	\$148.38	\$192.34	\$236.29
26	Jackson, MS	Atmos Energy Corporation	\$32.13	\$69.00	\$115.12	\$161.22	\$207.30	\$253.39
27	Little Rock, AR	CenterPoint Energy Arkansas	\$22.64	\$63.72	\$114.46	\$165.20	\$215.93	\$266.67
28	Phoenix, AZ	Southwest Gas Corporation	\$21.15	\$62.95	\$115.21	\$167.46	\$219.71	\$271.96
29	Philadelphia, PA	PECO Energy Company	\$22.24	\$64.17	\$116.58	\$169.00	\$221.40	\$273.83
30	Washington, D.C.	Washington Gas	\$23.66	\$65.88	\$118.63	\$171.41	\$224.16	\$276.94
31	Charlotte, NC	Piedmont Natural Gas Company Inc	\$20.96	\$64.82	\$119.64	\$174.46	\$229.28	\$284.10
32	Birmingham, AL	Spire Alabama, Inc.	\$21.89	\$77.71	\$135.46	\$193.21	\$250.96	\$306.19
33	Jacksonville, FL	TECO	\$24.05	\$77.45	\$145.41	\$208.59	\$271.79	\$334.99
34	Orlando, FL	TECO	\$24.05	\$77.45	\$145.41	\$208.59	\$271.79	\$334.99
35	Los Angeles, CA	Southern California Gas Company	\$16.54	\$62.69	\$137.01	\$211.31	\$285.62	\$359.94
36	London, England	EDF Energy	\$24.36	\$79.43	\$148.33	\$217.17	\$286.02	\$354.91
37	Miami, FL	Florida City Gas	\$25.98	\$77.80	\$140.38	\$219.72	\$286.21	\$352.72
38	Baltimore, MD	Washington Gas	\$24.84	\$81.75	\$153.29	\$224.84	\$296.38	\$367.93
39	Boston, MA	Boston Gas Company	\$27.08	\$87.42	\$162.83	\$238.25	\$313.66	\$389.08
40	Paris, France	Electricity of France (EDF)	\$38.78	\$123.54	\$222.17	\$321.63	\$421.07	\$520.60
41	New York, NY	ConEdison	\$39.90	\$120.66	\$221.61	\$322.57	\$423.52	\$524.48

GENERAL SERVICE GAS BILLS

Rates in effect January 2019

200 CCF			500 CCF			1,000 CCF		
1	San Antonio, TX	\$99.80	1	San Antonio, TX	\$235.17	1	Oklahoma City, OK	\$427.05
2	Milwaukee, WI	\$124.43	2	Oklahoma City, OK	\$261.58	2	San Antonio, TX	\$460.80
3	Indianapolis, IN	\$135.22	3	Dallas, TX	\$290.56	3	Las Vegas, NV	\$509.15
4	Houston, TX	\$140.21	4	Milwaukee, WI	\$295.73	4	Dallas, TX	\$539.61
5	Dallas, TX	\$141.12	5	Indianapolis, IN	\$305.05	5	Milwaukee, WI	\$579.25
6	Salt Lake City, UT	\$145.73	6	Seattle, WA	\$319.16	6	Indianapolis, IN	\$580.30
7	Las Vegas, NV	\$146.14	7	Houston, TX	\$322.50	7	Seattle, WA	\$605.15
8	Seattle, WA	\$146.96	8	Las Vegas, NV	\$326.66	8	Omaha, NE	\$608.56
9	Detroit, MI	\$150.58	9	Omaha, NE	\$327.23	9	Detroit, MI	\$621.67
10	Memphis, TN	\$153.85	10	Detroit, MI	\$327.24	10	Houston, TX	\$626.32
11	Omaha, NE	\$157.65	11	Austin, TX	\$340.72	11	Austin, TX	\$634.52
12	Denver, CO	\$161.62	12	Denver, CO	\$341.78	12	Salt Lake City, UT	\$640.77
13	Oklahoma City, OK	\$162.32	13	Salt Lake City, UT	\$348.67	13	Denver, CO	\$642.06
14	Austin, TX	\$164.44	14	Memphis, TN	\$364.19	14	Memphis, TN	\$672.19
15	Little Rock, AR	\$164.80	15	St. Louis, MO	\$365.06	15	Chicago, IL	\$708.74
16	St. Louis, MO	\$167.32	16	Chicago, IL	\$374.44	16	St. Louis, MO	\$715.68
17	Springfield, MO	\$173.83	17	Springfield, MO	\$385.45	17	Louisville, KY	\$718.22
18	Chicago, IL	\$173.84	18	Little Rock, AR	\$388.30	18	Springfield, MO	\$738.15
19	Huntsville, AL	\$193.60	19	Louisville, KY	\$390.62	19	Little Rock, AR	\$760.77
20	Jackson, TN	\$193.98	20	Phoenix, AZ	\$399.05	20	Phoenix, AZ	\$767.60
21	Louisville, KY	\$194.04	21	Jackson, TN	\$417.03	21	Jackson, TN	\$788.78
22	Charlotte, NC	\$195.29	22	Charlotte, NC	\$455.22	22	New Orleans, LA	\$871.59
23	New Orleans, LA	\$201.34	23	Huntsville, AL	\$458.50	23	Charlotte, NC	\$888.44
24	Chattanooga, TN	\$214.23	24	New Orleans, LA	\$470.78	24	Huntsville, AL	\$900.00
25	Nashville, TN	\$218.86	25	Nashville, TN	\$481.15	25	Nashville, TN	\$918.30
26	Knoxville, TN	\$237.18	26	Chattanooga, TN	\$489.07	26	Chattanooga, TN	\$941.03
27	Philadelphia, PA	\$239.62	27	Los Angeles, CA	\$518.91	27	Los Angeles, CA	\$958.06
28	Los Angeles, CA	\$242.46	28	Knoxville, TN	\$523.08	28	Knoxville, TN	\$989.78
29	Phoenix, AZ	\$247.41	29	Philadelphia, PA	\$556.25	29	Washington, D.C.	\$1,075.76
30	Jackson, MS	\$247.88	30	Jackson, MS	\$563.93	30	Philadelphia, PA	\$1,083.93
31	Miami, FL	\$252.59	31	Washington, D.C.	\$565.78	31	Jackson, MS	\$1,090.66
32	Washington, D.C.	\$259.79	32	Miami, FL	\$593.64	32	Birmingham, AL	\$1,160.03
33	Boston, MA	\$264.34	33	Birmingham, AL	\$606.83	33	Miami, FL	\$1,162.07
34	Birmingham, AL	\$264.89	34	Orlando, FL	\$610.15	34	Orlando, FL	\$1,187.01
35	Orlando, FL	\$277.64	35	Boston, MA	\$621.85	35	Boston, MA	\$1,217.70
36	Baltimore, MD	\$282.61	36	Baltimore, MD	\$652.15	36	Baltimore, MD	\$1,268.05
37	Jacksonville, FL	\$316.25	37	Jacksonville, FL	\$706.67	37	Jacksonville, FL	\$1,380.06

GENERAL SERVICE GAS BILLS

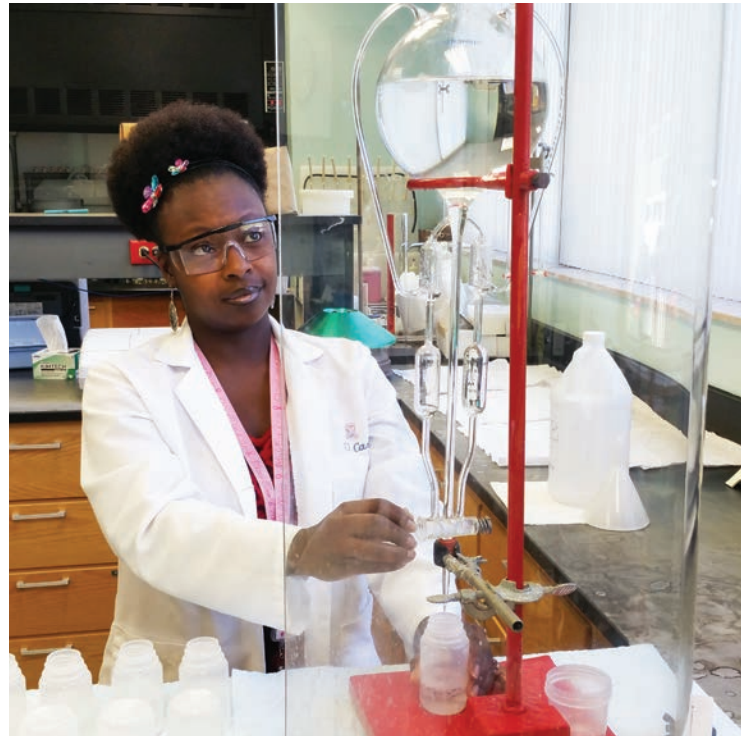
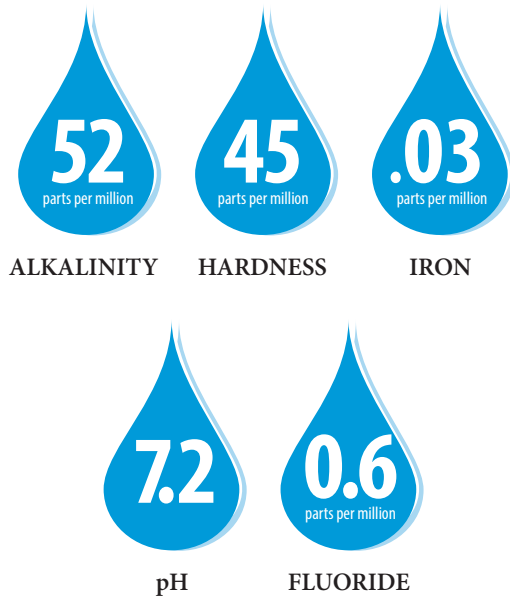
Rates in effect January 2019

250 CCF Demand 5,000 CCF Consumption			500 CCF Demand 10,000 CCF Consumption			2,500 CCF Demand 50,000 CCF Consumption		
1	Las Vegas, NV	\$2,150.60	1	San Antonio, TX	\$3,897.50	1	Las Vegas, NV	\$15,759.50
2	Seattle, WA	\$2,312.47	2	Las Vegas, NV	\$3,951.20	2	San Antonio, TX	\$16,321.25
3	Dallas, TX	\$2,359.62	3	Dallas, TX	\$3,958.49	3	Dallas, TX	\$16,523.59
4	San Antonio, TX	\$2,511.25	4	Seattle, WA	\$4,498.87	4	Phoenix, AZ	\$21,747.00
5	Salt Lake City, UT	\$2,732.51	5	Phoenix, AZ	\$5,109.40	5	Seattle, WA	\$21,990.07
6	Indianapolis, IN	\$2,786.30	6	Salt Lake City, UT	\$5,356.13	6	Omaha, NE	\$24,054.87
7	Milwaukee, WI	\$2,790.85	7	Indianapolis, IN	\$5,420.80	7	Salt Lake City, UT	\$24,959.29
8	Memphis, TN	\$2,891.50	8	Milwaukee, WI	\$5,433.00	8	Jackson, TN	\$25,130.00
9	Detroit, MI	\$2,977.10	9	Memphis, TN	\$5,783.00	9	Milwaukee, WI	\$25,801.00
10	Austin, TX	\$2,984.92	10	Detroit, MI	\$5,921.39	10	Indianapolis, IN	\$26,496.80
11	Denver, CO	\$3,044.29	11	Austin, TX	\$5,922.92	11	Chattanooga, TN	\$26,646.48
12	Houston, TX	\$3,056.88	12	Omaha, NE	\$5,930.97	12	St. Louis, MO	\$27,136.95
13	St. Louis, MO	\$3,071.36	13	Houston, TX	\$6,095.08	13	Nashville, TN	\$27,601.85
14	Louisville, KY	\$3,309.72	14	St. Louis, MO	\$6,219.49	14	Detroit, MI	\$27,937.81
15	Phoenix, AZ	\$3,408.60	15	Nashville, TN	\$6,261.46	15	Charlotte, NC	\$28,633.13
16	Chicago, IL	\$3,476.56	16	Louisville, KY	\$6,416.77	16	Memphis, TN	\$28,915.00
17	Nashville, TN	\$3,530.73	17	Chicago, IL	\$6,445.56	17	Little Rock, AR	\$29,262.11
18	Springfield, MO	\$3,559.75	18	Jackson, TN	\$6,547.60	18	Austin, TX	\$29,426.92
19	Jackson, TN	\$3,561.60	19	Little Rock, AR	\$7,083.14	19	Houston, TX	\$30,400.68
20	Little Rock, AR	\$3,583.21	20	Springfield, MO	\$7,086.75	20	Chicago, IL	\$30,882.73
21	Omaha, NE	\$3,665.49	21	New Orleans, LA	\$7,786.41	21	Louisville, KY	\$31,273.17
22	New Orleans, LA	\$3,950.32	22	Los Angeles, CA	\$7,850.10	22	Springfield, MO	\$35,302.75
23	Knoxville, TN	\$4,107.50	23	Knoxville, TN	\$8,045.00	23	Los Angeles, CA	\$36,037.30
24	Huntsville, AL	\$4,232.50	24	Huntsville, AL	\$8,302.50	24	Knoxville, TN	\$37,625.00
25	Los Angeles, CA	\$4,326.70	25	Charlotte, NC	\$8,362.15	25	New Orleans, LA	\$38,475.17
26	Charlotte, NC	\$4,354.20	26	Chattanooga, TN	\$8,598.65	26	Huntsville, AL	\$40,862.50
27	Chattanooga, TN	\$4,372.43	27	Denver, CO	\$9,232.34	27	Jackson, MS	\$45,588.53
28	Philadelphia, PA	\$4,963.60	28	Jackson, MS	\$9,635.31	28	Denver, CO	\$45,824.66
29	Birmingham, AL	\$5,134.45	29	Philadelphia, PA	\$9,670.75	29	Philadelphia, PA	\$47,327.95
30	Washington, D.C.	\$5,155.58	30	Birmingham, AL	\$10,248.95	30	Miami, FL	\$48,348.40
31	Jackson, MS	\$5,304.63	31	Washington, D.C.	\$10,255.36	31	Washington, D.C.	\$51,053.60
32	Miami, FL	\$5,483.25	32	Miami, FL	\$10,891.00	32	Birmingham, AL	\$51,164.95
33	Orlando, FL	\$5,578.52	33	Boston, MA	\$11,885.00	33	Orlando, FL	\$57,915.09
34	Boston, MA	\$5,966.50	34	Baltimore, MD	\$12,354.25	34	Jacksonville, FL	\$58,581.09
35	Baltimore, MD	\$6,195.25	35	Orlando, FL	\$12,644.75	35	Baltimore, MD	\$61,626.25
36	Jacksonville, FL	\$6,543.77	36	Jacksonville, FL	\$12,777.95			

ARTESIAN WATER

MLGW operates one of the largest artesian water systems in the world. On a peak day, MLGW can deliver up to 250 million gallons of water to more than 255,000 customers. In the layer of water-bearing sands beneath the city, there is an abundant supply of naturally pure, high-quality water that will meet the daily needs of a city several times the size of Memphis.

Water Analysis (average 2018)



RESIDENTIAL WATER BILLS

Rates in effect January 2019

	Location	Company	5 CCF	10 CCF	15 CCF
1	Orlando, FL	Orlando Utilities Commission	\$10.83	\$15.22	\$21.41
2	Phoenix, AZ	City of Phoenix	\$6.90	\$17.26	\$36.66
3	Memphis, TN	Memphis Light, Gas and Water Division	\$9.28	\$18.55	\$27.83
4	Little Rock, AR	Central Arkansas Water	\$12.98	\$21.53	\$30.08
5	Nashville, TN	Metro Water Services	\$10.12	\$21.77	\$33.42
6	Salt Lake City, UT	Salt Lake City Public Utilities	\$16.64	\$23.39	\$30.14
7	Huntsville, AL	Huntsville Utilities	\$17.60	\$24.29	\$31.43
8	Dallas, TX	Dallas Water Utilities	\$12.77	\$24.77	\$43.27
9	Miami, FL	Miami-Dade Water and Sewer Department	\$8.05	\$25.29	\$44.57
10	Jacksonville, FL	JEA	\$17.98	\$25.54	\$36.98
11	St. Louis, MO	City of St. Louis Water Division	\$16.80	\$25.65	\$34.50
12	Chicago, IL	City of Chicago	\$14.77	\$29.55	\$44.32
13	Milwaukee, WI	City of Milwaukee	\$19.47	\$29.87	\$40.27
14	Omaha, NE	Metropolitan Utilities District	\$23.74	\$30.18	\$36.63
15	Denver, CO	Denver Water	\$24.55	\$31.42	\$40.58
16	Detroit, MI	City of Detroit	\$19.66	\$32.01	\$44.37
17	Charlotte, NC	Charlotte Water	\$16.02	\$32.02	\$56.27
18	Jackson, MS	City of Jackson, MS	\$16.05	\$32.10	\$48.15
19	Paris, France	Eau De Paris	\$17.02	\$34.05	\$51.08
20	Louisville, KY	Louisville Water Company	\$22.27	\$35.13	\$49.17
21	Jackson, TN	Jackson Energy Authority	\$23.34	\$36.98	\$48.16
22	Baltimore, MD	Baltimore City Department of Public Works	\$24.40	\$38.05	\$51.70
23	San Antonio, TX	San Antonio Water System	\$21.85	\$38.45	\$61.60
24	Houston, TX	City of Houston	\$23.99	\$38.69	\$59.37
25	New York, NY	New York City Water Board	\$19.50	\$39.00	\$58.50
26	Las Vegas, NV	Las Vegas Valley Water District	\$31.89	\$39.01	\$50.80
27	Knoxville, TN	Knoxville Utilities Board	\$26.45	\$39.70	\$52.95
28	Oklahoma City, OK	City of Oklahoma City - Utilities	\$27.74	\$39.86	\$53.13
29	Chattanooga, TN	American Water Company	\$19.74	\$41.41	\$63.09
30	Springfield, MO	City Utilities of Springfield	\$31.35	\$45.00	\$58.65
31	Indianapolis, IN	Citizens Energy Group	\$27.05	\$45.42	\$63.78
32	London, England	Thames Water Utility Limited	\$23.58	\$47.15	\$70.72
33	Philadelphia, PA	Philadelphia Water Department	\$27.55	\$49.97	\$72.40
34	Washington, D.C.	DC Water	\$28.38	\$50.38	\$72.38
35	Boston, MA	Boston Water and Sewer Commission	\$26.67	\$54.36	\$82.95
36	Atlanta, GA	City of Atlanta - Dept of Watershed Mgmt	\$24.98	\$54.96	\$85.76
37	Austin, TX	Austin Water	\$25.70	\$55.35	\$108.75
38	Birmingham, AL	Birmingham Water Works	\$40.46	\$55.36	\$70.26
39	New Orleans, LA	Sewer and Water Board of New Orleans	\$27.58	\$58.06	\$88.54
40	Los Angeles, CA	City of Los Angeles	\$31.98	\$63.96	\$95.94
41	Seattle, WA	Seattle Public Utilities	\$43.50	\$69.85	\$96.20

GENERAL SERVICE WATER BILLS

Rates in effect January 2019

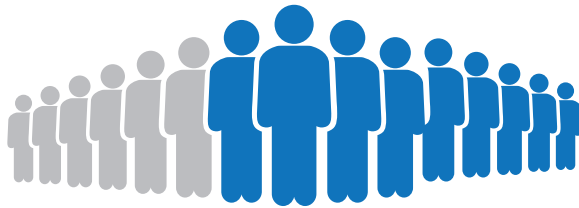
Commercial 100 CCF			Commercial 250 CCF			Commercial 500 CCF			Industrial 7,500 CCF		
1	Orlando, FL	\$132.23	1	Orlando, FL	\$313.66	1	Orlando, FL	\$616.04	1	Memphis, TN	\$7,712.22
2	Salt Lake City, UT	\$144.89	2	Omaha, NE	\$338.66	2	Omaha, NE	\$622.11	2	Jackson, TN	\$8,147.60
3	Huntsville, AL	\$158.95	3	Salt Lake City, UT	\$347.39	3	Salt Lake City, UT	\$684.89	3	Orlando, FL	\$9,481.48
4	Omaha, NE	\$168.59	4	Huntsville, AL	\$378.86	4	Huntsville, AL	\$745.38	4	Salt Lake City, UT	\$10,234.63
5	Little Rock, AR	\$171.21	5	Jacksonville, FL	\$390.70	5	Memphis, TN	\$746.92	5	Little Rock, AR	\$10,319.89
6	Jacksonville, FL	\$175.75	6	Little Rock, AR	\$411.21	6	Jacksonville, FL	\$748.95	6	Huntsville, AL	\$10,404.52
7	St. Louis, MO	\$188.74	7	Memphis, TN	\$428.42	7	St. Louis, MO	\$799.24	7	Omaha, NE	\$10,784.93
8	Memphis, TN	\$211.72	8	St. Louis, MO	\$454.24	8	Little Rock, AR	\$811.21	8	St. Louis, MO	\$10,786.92
9	Denver, CO	\$216.44	9	Denver, CO	\$507.64	9	Denver, CO	\$993.84	9	Jacksonville, FL	\$11,336.85
10	Milwaukee, WI	\$228.56	10	Milwaukee, WI	\$545.06	10	Jackson, TN	\$1,041.74	10	Milwaukee, WI	\$11,960.68
11	Nashville, TN	\$231.23	11	Nashville, TN	\$552.23	11	Milwaukee, WI	\$1,072.56	11	Springfield, MO	\$13,434.00
12	Indianapolis, IN	\$264.52	12	Indianapolis, IN	\$595.96	12	Nashville, TN	\$1,087.23	12	Denver, CO	\$16,071.18
13	Detroit, MI	\$265.34	13	Detroit, MI	\$635.99	13	Indianapolis, IN	\$1,148.36	13	Chattanooga, TN	\$16,146.01
14	Jackson, TN	\$273.85	14	Jackson, TN	\$637.83	14	Detroit, MI	\$1,253.74	14	Nashville, TN	\$16,201.10
15	Charlotte, NC	\$292.82	15	Louisville, KY	\$700.73	15	Springfield, MO	\$1,300.00	15	Knoxville, TN	\$16,923.00
16	Louisville, KY	\$294.57	16	Charlotte, NC	\$714.32	16	Chattanooga, TN	\$1,332.26	16	Dallas, TX	\$17,866.35
17	Chicago, IL	\$295.46	17	Baltimore, MD	\$720.62	17	Louisville, KY	\$1,377.67	17	Detroit, MI	\$19,371.97
18	Baltimore, MD	\$311.12	18	Chattanooga, TN	\$730.72	18	Baltimore, MD	\$1,403.12	18	Louisville, KY	\$19,928.39
19	Dallas, TX	\$311.33	19	Springfield, MO	\$738.50	19	Charlotte, NC	\$1,416.82	19	Charlotte, NC	\$21,698.81
20	Jackson, MS	\$321.00	20	Chicago, IL	\$738.65	20	Chicago, IL	\$1,477.30	20	Chicago, IL	\$22,159.50
21	Oklahoma City, OK	\$323.09	21	Dallas, TX	\$764.93	21	Dallas, TX	\$1,522.28	21	Indianapolis, IN	\$22,592.76
22	Las Vegas, NV	\$325.18	22	San Antonio, TX	\$789.78	22	San Antonio, TX	\$1,547.67	22	Baltimore, MD	\$22,601.18
23	Springfield, MO	\$329.00	23	Oklahoma City, OK	\$792.54	23	Oklahoma City, OK	\$1,597.68	23	Las Vegas, NV	\$23,182.60
24	Houston, TX	\$329.25	24	Jackson, MS	\$802.50	24	Jackson, MS	\$1,605.00	24	Philadelphia, PA	\$23,429.32
25	San Antonio, TX	\$335.01	25	Houston, TX	\$810.85	25	Houston, TX	\$1,614.95	25	Jackson, MS	\$24,075.00
26	Phoenix, AZ	\$366.57	26	Phoenix, AZ	\$948.57	26	Phoenix, AZ	\$1,918.57	26	San Antonio, TX	\$24,101.79
27	Chattanooga, TN	\$369.81	27	Las Vegas, NV	\$954.68	27	Knoxville, TN	\$1,936.10	27	Houston, TX	\$24,317.23
28	New York, NY	\$390.00	28	New York, NY	\$975.00	28	Philadelphia, PA	\$1,946.24	28	Oklahoma City, OK	\$25,006.54
29	Philadelphia, PA	\$404.64	29	Philadelphia, PA	\$982.74	29	New York, NY	\$1,950.00	29	Phoenix, AZ	\$29,097.56
30	Birmingham, AL	\$444.77	30	Birmingham, AL	\$1,031.27	30	Birmingham, AL	\$2,008.77	30	New York, NY	\$29,250.00
31	Austin, TX	\$455.48	31	Austin, TX	\$1,083.80	31	Las Vegas, NV	\$2,012.72	31	Birmingham, AL	\$29,325.00
32	Washington, D.C.	\$469.41	32	Knoxville, TN	\$1,118.60	32	Austin, TX	\$2,131.00	32	New Orleans, LA	\$31,567.76
33	London, England	\$489.53	33	Washington, D.C.	\$1,151.91	33	Washington, D.C.	\$2,289.41	33	Austin, TX	\$34,393.20
34	Miami, FL	\$500.13	34	New Orleans, LA	\$1,234.54	34	New Orleans, LA	\$2,433.21	34	Los Angeles, CA	\$39,480.00
35	New Orleans, LA	\$515.34	35	London, England	\$1,242.49	35	London, England	\$2,474.38	35	Seattle, WA	\$39,822.00
36	Los Angeles, CA	\$526.40	36	Los Angeles, CA	\$1,316.00	36	Los Angeles, CA	\$2,632.00	36	Washington, D.C.	\$41,122.74
37	Knoxville, TN	\$541.10	37	Seattle, WA	\$1,335.20	37	Seattle, WA	\$2,652.70	37	Miami, FL	\$41,562.32
38	Seattle, WA	\$544.70	38	Miami, FL	\$1,456.35	38	Miami, FL	\$3,050.05	38	London, England	\$43,680.30
39	Boston, MA	\$603.79	39	Atlanta, GA	\$1,533.36	39	Atlanta, GA	\$3,073.36	39	Atlanta, GA	\$46,193.36
40	Atlanta, GA	\$609.36	40	Boston, MA	\$1,569.09	40	Boston, MA	\$3,203.49	40	Boston, MA	\$49,928.49

COME GROW WITH US

MLGW has the necessary facilities to meet the utility needs of a growing Memphis economy. The MLGW Economic Development Department and the Greater Memphis Chamber of Commerce promote commercial and industrial development in our area. Both encourage and aid in the expansion of local industry and the relocation of new industry. MLGW cares about the economic growth and development of our community as we strive to improve the quality of life for all of our customers.

Memphis/Shelby County

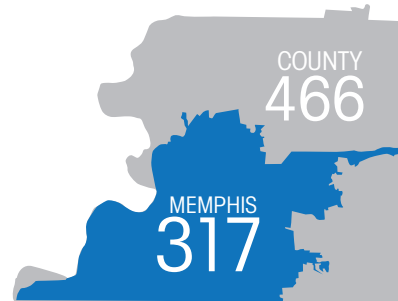
Population
Total Area population 953,993



Memphis 662,038
County 291,955

Source: memphischamber.com

Area
(783 square miles)

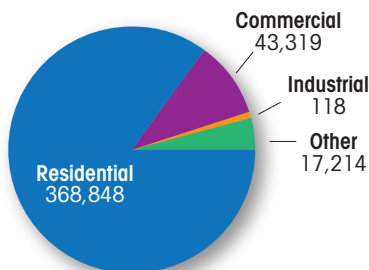


Source: shelbycountyttn.gov

2018 UTILITY USE

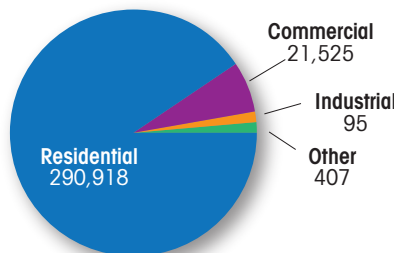
Electric Customers

Total: 429,499



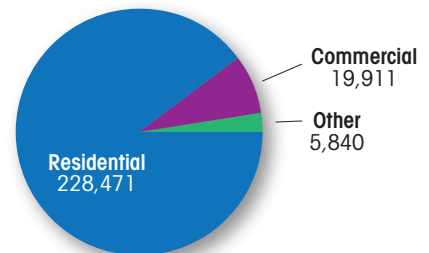
Gas Customers

Total: 312,945



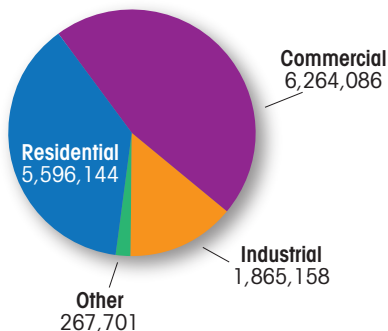
Water Customers

Total: 254,222



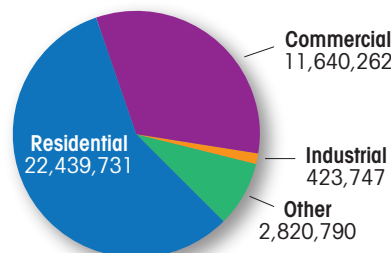
Electric Sales

13,993,089 (1,000 kWh)



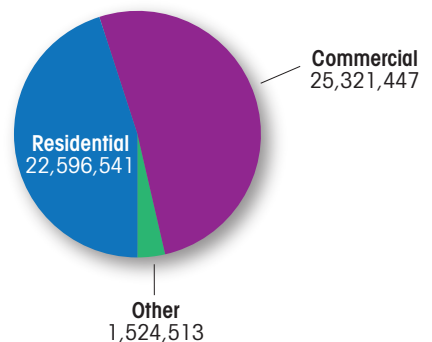
Gas Sales

37,324,530 (1,000 cf)



Water Sales

49,442,513 (100 cf)





OUR VALUES

Safety – We make working safely paramount...it is the most important thing we do. We seek to create and maintain a safe work environment for our people.

Integrity – We seek to do the right things for the right reasons. We build trust among our people and with all of our stakeholders through honesty and ethical behavior.

Ownership – We care about the MLGW enterprise and we act like owners. We treat the MLGW enterprise as we would our own and we operate with MLGW's long-term success in mind. We pursue excellence and innovation and we are accountable for our decisions and behaviors.

Inclusion – We serve customers who represent a variety of backgrounds. We are committed to including and developing a similar diversity among our teams and among those from whom we purchase products and services.

Compassionate Service – We are committed to providing superior customer and people experiences. We do so with empathy, courtesy and efficiency and we serve our community with a similar passion.



MLGW
SERVING YOU IS
WHAT WE DO