

MISSOURI PUBLIC SERVICE COMMISSION

STAFF REPORT

**REVENUE REQUIREMENT
COST OF SERVICE**

**APPENDIX 3
Other Staff Schedules**

MISSOURI GAS ENERGY
A division of Laclede Gas Company

CASE NO. GR-2014-0007

Jefferson City, Missouri
January 2014

MISSOURI GAS ENERGY
Case No. GR-2014-0007
WEATHER and DAYS NORMALIZATION
Industrial LV

DISTRICT: ALL		CLASS : Industrial (LV)			
Normalized Sales per Customer					
Billing Month	Ccf Actual	Ccf Adjustment	Ccf Normal	Customers	Normal Usage per Customer
May	5,365,969	211,532	5,577,501	132	42,253.80
Jun	5,360,566	12,116	5,372,682	132	40,702.14
Jul	6,064,505	-4,981	6,059,524	132	45,905.48
Aug	5,724,087	-167,441	5,556,646	131	42,417.15
Sep	5,394,690	21,036	5,415,726	131	41,341.42
Oct	6,531,778	-435,075	6,096,703	131	46,539.72
Nov	7,540,096	290,790	7,830,886	131	59,777.76
Dec	8,885,983	547,119	9,433,102	132	71,462.90
Jan	9,115,027	495,377	9,610,404	133	72,258.68
Feb	7,947,621	5,852	7,953,473	133	59,800.55
Mar	8,681,327	-632,065	8,049,262	133	60,520.77
Apr	6,735,737	-184,592	6,551,145	133	49,256.73
	83,347,386	159,669	83,507,055	132	632,629.21
		0.19%			

Billing Month	DAYS	HDD	SUMMED
	Adjustment	Adjustment	Adjustment
May	0	211,532	211,532
Jun	-1,705	13,822	12,116
Jul	-5,116	135	-4,981
Aug	-173,585	6,144	-167,441
Sep	0	21,036	21,036
Oct	0	-435,075	-435,075
Nov	0	290,790	290,790
Dec	0	547,119	547,119
Jan	0	495,377	495,377
Feb	0	5,852	5,852
Mar	0	-632,065	-632,065
Apr	0	-184,592	-184,592
	-180,406	340,076	159,669
	-0.22%	0.41%	0.19%

Billing Month	DAYS	HDD	SUMMED
	Adjustment	Adjustment	Adjustment
May	\$0	\$4,798	\$4,798
Jun	(\$39)	\$313	\$275
Jul	(\$116)	\$3	(\$113)
Aug	(\$3,937)	\$139	(\$3,798)
Sep	\$0	\$477	\$477
Oct	\$0	(\$9,867)	(\$9,867)
Nov	\$0	\$12,402	\$12,402
Dec	\$0	\$23,335	\$23,335
Jan	\$0	\$21,128	\$21,128
Feb	\$0	\$250	\$250
Mar	\$0	(\$26,958)	(\$26,958)
Apr	\$0	\$0	\$0
	(\$4,092)	\$26,020	\$21,928

MISSOURI GAS ENERGY
Case No. GR-2014-0007
WEATHER and DAYS NORMALIZATION
Commercial LV

DISTRICT: ALL		CLASS : Commercial (LV)			
Normalized Sales per Customer					
Billing Month	Ccf Actual	Ccf Adjustment	Ccf Normal	Customers	Normal Usage per Customer
May	3,220,678	236,611	3,457,289	248	13,940.68
Jun	3,048,598	45,003	3,093,601	248	12,474.20
Jul	2,962,632	0	2,962,632	249	11,898.12
Aug	3,319,335	-90,132	3,229,203	252	12,814.30
Sep	3,371,351	61,342	3,432,693	252	13,621.80
Oct	4,647,999	-387,747	4,260,252	252	16,905.76
Nov	5,621,512	604,379	6,225,891	249	25,003.58
Dec	7,505,283	438,630	7,943,913	249	31,903.26
Jan	8,328,208	706,194	9,034,402	249	36,282.74
Feb	7,428,143	-6,903	7,421,240	249	29,804.18
Mar	7,426,242	-1,090,594	6,335,648	249	25,444.37
Apr	5,233,127	-602,746	4,630,381	249	18,595.91
	62,113,108	-85,962	62,027,146	250	248,522.79
		-0.14%			

Billing Month	DAYS Adjustment	HDD Adjustment	SUMMED Adjustment
May	0	236,611	236,611
Jun	0	45,003	45,003
Jul	0	0	0
Aug	-99,160	9,028	-90,132
Sep	0	61,342	61,342
Oct	0	-387,747	-387,747
Nov	0	604,379	604,379
Dec	0	438,630	438,630
Jan	0	706,194	706,194
Feb	0	-6,903	-6,903
Mar	0	-1,090,594	-1,090,594
Apr	0	-602,746	-602,746
	-99,160	13,198	-85,962
	-0.16%	0.02%	-0.14%

Billing Month	DAYS Adjustment	HDD Adjustment	SUMMED Adjustment
May	0	5,366	\$5,366
Jun	0	1,021	\$1,021
Jul	0	0	\$0
Aug	(2,249)	205	(\$2,044)
Sep	0	1,391	\$1,391
Oct	0	(8,794)	(\$8,794)
Nov	0	25,777	\$25,777
Dec	0	18,708	\$18,708
Jan	0	30,119	\$30,119
Feb	0	(294)	(\$294)
Mar	0	(46,514)	(\$46,514)
Apr	0	(13,670)	(\$13,670)
	(2,249)	13,314	\$11,065

Missouri Gas Energy - GR-2014-0007
Staff Recommended Depreciation Rates

Account Number	Description	Depreciation Rate	ASL (Years)	Net Salvage (%)	Life Only Rate	Net Salvage Rate
<u>Distribution</u>						
374.2	Land Rights	2.08%	48.0	0.00%	2.08%	0.00%
375.0	Structures and Improvements	2.13%	47.0	0.00%	2.13%	0.00%
376.0	Mains	1.78%	50.0	11.00%	2.00%	0.22%
378.0	Measuring and Regulating Eq.	2.86%	35.0	0.00%	2.86%	0.00%
379.0	Measuring and Regulating Eq.-City Gate	2.63%	38.0	0.00%	2.63%	0.00%
380.0	Services	2.68%	40.0	-7.20%	2.50%	-0.18%
381.0	Meters	2.86%	35.0	0.00%	2.86%	0.00%
382.0	Meter Installation	2.86%	35.0	0.00%	2.86%	0.00%
383.0	House Regulators	2.44%	41.0	0.00%	2.44%	0.00%
385.0	Measuring and Regulating Eq.-Industrial	3.33%	30.0	0.00%	3.33%	0.00%
<u>General (Including Corporate)</u>						
390.1	Structures and Improvements	2.13%	47.0	0.00%	2.13%	0.00%
391.0	Office Furniture and Eq.	9.09%	11.0	0.00%	9.09%	0.00%
392.1	Transportation Eq. [Cars & Small Trucks]	13.28%	6.0	20.30%	16.67%	3.38%
392.2	Transportation Eq. [Large Trucks]	8.06%	10.0	19.40%	10.00%	1.94%
393.0	Stores Eq.	3.57%	28.0	0.00%	3.57%	0.00%
394.0	Tool, Shop, and Garage Eq.	5.26%	19.0	0.00%	5.26%	0.00%
396.0	Power Operated Eq.	10.00%	10.0	0.00%	10.00%	0.00%
397.1	Electronic Reading - ERT	5.26%	19.0	0.00%	5.26%	0.00%
397.2	Communication Eq.	6.25%	16.0	0.00%	6.25%	0.00%
398.0	Miscellaneous Eq.	4.35%	23.0	0.00%	4.35%	0.00%

**Missouri Gas Energy - Case No. GR-2014-0007
Margin Revenue Summary**

	Actual Margin Revenue	Weather Adjustment	Normalized Sales	Growth/Days/ Switching Annualization Adjustment	Final Bill Revenue Adjustment	Total Revenue Including Growth/ Annualization
Residential Service	\$ 138,945,355	\$ -	\$ 140,520,934	\$ 564,399	\$ 1,575,633	\$ 141,085,333
Small General Service	26,819,683	-	27,128,455	519,646	308,772	27,648,101
Large General Service	12,180,788	364,814	12,668,786	(1,638,603)	123,184	11,030,183
Transportation Service	10,576,713	32,993	10,609,706	-		10,609,706
Miscellaneous	6,091,611	-	6,091,611	-		6,091,611
	\$ 194,614,150	\$ 397,807	\$ 197,019,492	\$ (554,558)	\$ 2,007,589	\$ 196,464,934

MISSOURI GAS ENERGY
Case No. GR-2014-0007
WEATHER and DAYS NORMALIZATION

DISTRICT: ALL		CLASS: Large General Service (LGS)			
Normalized Sales per Customer					
Billing Month	Ccf Actual	Ccf Adjustment	Ccf Normal	Customers	Normal Usage per Customer
May	2,796,531	1,767,594	4,564,125	3,231	1412.6044
Jun	2,445,925	-47,633	2,398,292	3,227	743.1954
Jul	2,135,227	-38,656	2,096,571	3,219	651.3112
Aug	1,937,837	-1,738	1,936,099	3,220	601.2730
Sep	2,329,294	-45,736	2,283,558	3,214	710.5034
Oct	3,214,187	-512,144	2,702,043	3,214	840.7105
Nov	5,282,997	100,523	5,383,520	3,213	1675.5430
Dec	8,095,949	1,590,681	9,686,630	3,207	3020.4647
Jan	12,293,068	1,757,005	14,050,073	3,211	4375.6066
Feb	11,129,188	1,026,513	12,155,701	3,153	3855.2810
Mar	10,750,258	-1,468,816	9,281,442	2,872	3231.6997
Apr	7,496,250	-1,391,234	6,105,016	2,871	2126.4424
	69,906,711	2,736,358	72,643,069	3,154	23029.6109
		3.91%			

Billing Month	DAYS Adjustment	HDD Adjustment	SUMMED Adjustment
Jan	0	1,767,594	1,767,594
Feb	-48,227	594	-47,633
Mar	-47,121	8,465	-38,656
Apr	-7,389	5,651	-1,738
May	0	-45,736	-45,736
Jun	98,576	-610,719	-512,144
Jul	0	100,523	100,523
Aug	0	1,590,681	1,590,681
Sep	0	1,757,005	1,757,005
Oct	0	1,026,513	1,026,513
Nov	0	-1,468,816	-1,468,816
Dec	0	-1,391,234	-1,391,234
	-4,162	2,740,520	2,736,358
	-0.01%	3.92%	3.91%

MISSOURI GAS ENERGY
Case No. GR-2014-0007
WEATHER and DAYS NORMALIZATION

DISTRICT: JOPLIN

CLASS: Large General Service (LGS)

Normalized Sales per Customer

Billing Month	Ccf Actual	Ccf Adjustment	Ccf Normal	Customers	Normal Usage per Customer
May	487,182	234,399	721,581	481	1500.1680
Jun	429,435	-11,059	418,376	482	868.0007
Jul	364,330	-5,737	358,593	482	743.9687
Aug	365,767	-1,970	363,797	483	753.2028
Sep	420,385	-12,588	407,797	484	842.5557
Oct	574,005	-99,210	474,795	480	989.1560
Nov	889,246	-57,828	831,418	482	1724.9332
Dec	1,234,332	259,113	1,493,445	482	3098.4328
Jan	1,859,904	272,949	2,132,853	484	4406.7202
Feb	1,594,528	176,772	1,771,300	472	3752.7535
Mar	1,596,804	-186,835	1,409,969	431	3271.3893
Apr	1,159,688	-136,891	1,022,797	431	2373.0797
	10,975,606	431,114	11,406,720	5,674	24124.1867
		3.93%			

Billing Month	DAYS Adjustment	HDD Adjustment	SUMMED Adjustment
May	0	234,399	234,399
Jun	-8,942	-2,117	-11,059
Jul	-7,006	1,269	-5,737
Aug	-1,592	-378	-1,970
Sep	0	-12,588	-12,588
Oct	20,823	-120,033	-99,210
Nov	0	-57,828	-57,828
Dec	0	259,113	259,113
Jan	0	272,949	272,949
Feb	0	176,772	176,772
Mar	0	-186,835	-186,835
Apr	0	-136,891	-136,891
	3,283	427,831	431,114
	0.03%	3.90%	3.93%

MISSOURI GAS ENERGY
Case No. GR-2014-0007
WEATHER and DAYS NORMALIZATION

DISTRICT: KANSAS CITY

CLASS: Large General Service (LGS)

Normalized Sales per Customer

Billing Month	Ccf Actual	Ccf Adjustment	Ccf Normal	Customers	Normal Usage per Customer
May	2,105,412	1,409,077	3,514,489	2,508	1401.3116
Jun	1,844,326	-30,727	1,813,599	2,505	723.9916
Jul	1,616,108	-29,055	1,587,053	2,498	635.3296
Aug	1,415,230	-403	1,414,827	2,499	566.1574
Sep	1,723,874	-28,606	1,695,268	2,492	680.2843
Oct	2,394,070	-371,094	2,022,976	2,496	810.4872
Nov	3,985,442	141,157	4,126,599	2,494	1654.6107
Dec	6,257,749	1,197,098	7,454,847	2,486	2998.7317
Jan	9,429,363	1,341,996	10,771,359	2,485	4334.5508
Feb	8,643,214	783,173	9,426,387	2,441	3861.6909
Mar	8,336,618	-1,157,842	7,178,776	2,230	3219.1819
Apr	5,790,841	-1,144,487	4,646,354	2,229	2084.5014
	53,542,247	2,110,288	55,652,535	29,363	22743.9439
		3.94%			

Billing Month	DAYS Adjustment	HDD Adjustment	SUMMED Adjustment
May	0	1,409,077	1,409,077
Jun	-36,316	5,589	-30,727
Jul	-36,073	7,019	-29,055
Aug	-5,682	5,279	-403
Sep	0	-28,606	-28,606
Oct	70,090	-441,184	-371,094
Nov	0	141,157	141,157
Dec	0	1,197,098	1,197,098
Jan	0	1,341,996	1,341,996
Feb	0	783,173	783,173
Mar	0	-1,157,842	-1,157,842
Apr	0	-1,144,487	-1,144,487
	-7,981	2,118,269	2,110,288
	-0.01%	3.96%	3.94%

MISSOURI GAS ENERGY
Case No. GR-2014-0007
WEATHER and DAYS NORMALIZATION

DISTRICT: ST. JOSEPH

CLASS: Large General Service (LGS)

Normalized Sales per Customer

Billing Month	Ccf Actual	Ccf Adjustment	Ccf Normal	Customers	Normal Usage per Customer
May	203,937	124,118	328,055	242	1355.5977
Jun	172,164	-5,848	166,316	240	692.9849
Jul	154,789	-3,865	150,924	239	631.4825
Aug	156,840	635	157,475	238	661.6585
Sep	185,035	-4,542	180,493	238	758.3727
Oct	246,112	-41,839	204,273	238	858.2883
Nov	408,309	17,194	425,503	237	1795.3698
Dec	603,868	134,471	738,339	239	3089.2827
Jan	1,003,801	142,061	1,145,862	242	4734.9651
Feb	891,446	66,568	958,014	240	3991.7253
Mar	816,836	-124,139	692,697	211	3282.9243
Apr	545,721	-109,856	435,865	211	2065.7115
	5,388,858	194,956	5,583,814	2,815	23803.1164
		3.62%			

Billing Month	DAYS Adjustment	HDD Adjustment	SUMMED Adjustment
May	0	124,118	124,118
Jun	-2,969	-2,879	-5,848
Jul	-4,042	177	-3,865
Aug	-115	750	635
Sep	0	-4,542	-4,542
Oct	7,662	-49,501	-41,839
Nov	0	17,194	17,194
Dec	0	134,471	134,471
Jan	0	142,061	142,061
Feb	0	66,568	66,568
Mar	0	-124,139	-124,139
Apr	0	-109,856	-109,856
	536	194,420	194,956
	0.01%	3.61%	3.62%

MARKETS DASHBOARD

WSJMarkets.com

Bonds, Rates & Yields | WSJ.com/bonds

Consumer Rates and Returns to Investor

U.S. consumer rates

A consumer rate against its benchmark over the past year



Selected rates

Home Equity

Bankrate.com avg[†]:	5.22%
Cambridge Savings Bank	1.99%
Cambridge, MA	888-418-5626
Merrimack County Savings Bank	2.75%
Concord, NH	603-225-2793
Torrington Savings Bank	2.75%
Torrington, CT	860-496-2152
Firsttrust Bank	2.99%
Conshohocken, PA	877-505-9939
Eastern Bank	3.19%
Boston, MA	781-599-2100

Interest rate	YIELD/RATE (%)		52-WEEK RANGE (%)					3-yr chg (pct pts)		
	Last (●)	Week ago	Low	0	2	4	6		8	High
Federal-funds rate target	0-0.25	0-0.25	0.00	●					0.00	...
Prime rate[⊙]	3.25	3.25	3.25		●				3.25	...
Libor, 3-month	0.25	0.25	0.24	●					0.31	-0.06
Money market, annual yield	0.43	0.42	0.41	●					0.53	-0.22
Five-year CD, annual yield	1.36	1.35	1.15	●					1.39	-0.70
30-year mortgage, fixed[†]	4.69	4.61	3.54	●					4.80	-0.36
15-year mortgage, fixed[†]	3.71	3.67	2.80	●					3.84	-0.70
Jumbo mortgages, \$417,000-plus[†]	4.78	4.76	3.97	●					5.11	-0.94
Five-year adj mortgage (ARM)[†]	3.93	3.80	2.80	●					4.16	-0.14
New-car loan, 48-month	2.98	2.96	2.42	●					3.06	-2.45
HELOC, \$30,000	5.22	5.20	4.60	●					5.29	0.08

Bankrate.com rates based on survey of over 4,800 online banks. [⊙]Base rate posted by 70% of the nation's largest banks. [†]Excludes closing costs. Sources: SIX Financial Information; WSJ Market Data Group; Bankrate.com

Financial Flashback

The Wall Street Journal, December 31, 1956

An advisory panel of 27 financial leaders urged Congress to authorize "without delay" a sweeping, bipartisan survey of the Government's fiscal policies and their impact on the nation's economy.

**Missouri Gas Energy Division
Case No. GR-2014-0007**

STATION: KANSAS_CITY_WSMO_AP, MO (Station ID: 234358)
Actual Heating Degree-Days (HDD) and Normal Heating Degree-Days (NHDD)
For The 12 Calendar Months Beginning May 01, 2012 And Ending April 30, 2013

YEAR	MONTH	TOTAL HDD BY MONTH			PEAK DAY HDD		
		OBSERVED TOTALS HDD	NORMAL TOTALS NHDD	ADJUSTMENT, ACTUAL TO NORMAL	OBSERVED COLDEST DAY HDD	NORMAL COLDEST DAY NHDD	ADJUSTMENT, ACTUAL TO NORMAL
2012	5	33	104	71	7.50	16.67	9.17
2012	6	9	9	(0)	9.00	6.23	(2.77)
2012	7	0	0	0	0.00	0.31	0.31
2012	8	0	2	2	0.00	1.74	1.74
2012	9	52	64	12	11.00	16.94	5.94
2012	10	357	293	(64)	28.50	28.16	(0.34)
2012	11	552	642	90	37.50	44.52	7.02
2012	12	902	1040	138	49.50	66.28	16.78
2013	1	998	1121	123	51.50	63.24	11.74
2013	2	912	882	(30)	51.00	61.10	10.10
2013	3	844	648	(196)	39.50	47.29	7.79
2013	4	467	334	(133)	28.50	31.08	2.58
12 MONTHS		5125	5140	15	51.50	66.28	14.78

Missouri Gas Energy Division
Case No. GR-2014-0007

STATION: SPRINGFIELD_WSO_AP, MO (Station ID: 237976) Actual Heating Degree-Days (HDD) and Normal Heating Degree-Days (NHDD) For The 12 Calendar Months Beginning May 01, 2012 And Ending April 30, 2013							
		TOTAL HDD BY MONTH			PEAK DAY HDD		
YEAR	MONTH	OBSERVED	NORMAL	ADJUSTMENT,	OBSERVED	NORMAL	ADJUSTMENT,
		TOTALS	TOTALS	ACTUAL	COLDEST	COLDEST	ACTUAL
		HDD	NHDD	TO	DAY	DAY	TO
				NORMAL	HDD	NHDD	NORMAL
2012	5	34	97	63	6.50	16.42	9.92
2012	6	9	9	0	8.00	5.86	(2.14)
2012	7	0	1	1	0.00	0.55	0.55
2012	8	1	2	2	0.50	2.05	1.55
2012	9	44	54	10	10.00	15.65	5.65
2012	10	361	257	(104)	27.50	26.53	(0.97)
2012	11	529	564	35	33.50	40.37	6.87
2012	12	739	923	184	41.50	59.39	17.89
2013	1	878	992	114	44.00	60.26	16.26
2013	2	790	766	(23)	45.00	55.70	10.70
2013	3	725	581	(144)	39.50	43.05	3.55
2013	4	343	299	(43)	27.50	29.18	1.68
12 MONTHS		4450	4544	94	45.00	60.26	15.26