

LACLEDE GAS

LACLEDE GAS

CUSTOMER WEIGHTING

CASE NO. GR-2010-0171

BILL CYCLE DATA:				SYSTEM: LACLEDE		CLASS: Residential		NORMAL - ACTUAL	
Year	Month	Cycle	Customer	Numbers	Total	Actual	Normal	Delta	HDD
					Therm	Days	Days	Days	HDD

1	2008	10	1	19464	255119.4	29	36.5	29	55.1967	0	13.6867
2	2008	10	2	20120	256283.1	31	34.5	31	70.6723	0	36.1723
3	2008	10	3	18334	303751.3	29	34.5	29	76.9964	0	42.4964
4	2008	10	4	21427	288835	29	37.5	29	83.6376	0	46.1376
5	2008	10	5	21832	334574.1	29	39.5	29	90.5145	0	51.0145
6	2008	10	6	24010	356146.7	29	40	29	98.4758	0	58.4758
7	2008	10	7	19500	359407.9	31	40	31	117.729	0	77.7292
8	2008	10	8	20634	319540.7	29	35.5	29	120.384	0	84.8836
9	2008	10	9	15871	300074.3	29	35	29	124.769	0	89.7689
10	2008	10	10	22067	361932.9	29	46.5	29	129.421	0	92.9206
11	2008	10	11	17836	487828.3	29	59	29	136.519	0	77.5183
12	2008	10	12	25231	561360.5	29	70.5	29	145.888	0	75.3878
13	2008	10	13	19330	534966.7	28	88	28	159.939	0	71.9388
14	2008	10	14	22577	453703.4	28	98.5	28	163.338	0	65.3381
15	2008	10	15	25012	520637.8	28	107.5	28	169.249	0	61.7487
16	2008	10	16	22663	502759.8	28	122.5	28	176.1	0	53.6001
17	2008	10	17	19836	443235.2	28	138.5	28	183.491	0	44.9903
18	2008	10	18	23215	543576.9	28	188	28	206.516	0	18.5155
19	2008	10	19	25630	747309.5	28	207.5	28	213.851	0	6.15054
20	2008	10	20	22808	648252.4	28	216.5	28	221.345	0	4.84516
21	2008	10	21	24924	756183	28	217	28	227.998	0	10.9976
1	2008	11	1	19561	591333.1	28	216.5	28	232.112	0	15.6119
2	2008	11	2	20285	623427	28	218.5	28	254.486	0	35.9864
3	2008	11	3	18449	674213.4	28	221.5	28	264.248	0	42.7484
4	2008	11	4	21496	686553.2	29	217	28	274.542	0	57.5421
5	2008	11	5	21931	794199	28	220.5	28	285.315	0	64.8152
6	2008	11	6	24174	888591.1	28	238.5	28	294.581	0	56.0806
7	2008	11	7	19729	921050.1	28	324.5	28	327.831	0	3.33116
8	2008	11	8	20932	1089613.8	29	357.5	29	364.343	0	6.84285
9	2008	11	9	16063	972042.5	29	370	29	377.374	0	7.37421
10	2008	11	10	22250	1462083.5	29	373	29	390.203	0	17.2031
11	2008	11	11	18043	1746388.3	31	435.5	31	440.143	0	4.64315
12	2008	11	12	25329	1983847.9	31	457	31	446.953	0	-10.047
13	2008	11	13	19475	1625257.1	30	458.5	30	442.581	0	-15.919
14	2008	11	14	22741	1940386.3	30	480.5	30	453.638	0	-26.862
15	2008	11	15	25239	2105485.5	30	510.5	30	468.45	0	-42.05
16	2008	11	16	22899	2137472.5	32	575.5	32	528.708	0	-46.792
17	2008	11	17	20030	2014767.7	32	588.5	32	540.995	0	-47.505
18	2008	11	18	23437	2050958.1	30	563.5	30	532.924	0	-30.576
19	2008	11	19	25868	2427143.5	31	592.5	31	574.382	0	-8.118
20	2008	11	20	23134	2106409.5	33	655.5	33	639.256	0	-16.244
21	2008	11	21	25086	2382974.9	33	674.5	33	652.983	0	-21.517

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452321 9375284

BILL CYCLE TOTALS FOR THE TEST PERIOD				Residential	
Bill Cycle	Actual Days	Actual HDD	Normal Days	Normal HDD	HDD

1	364.0	4.613.0	365.0	4.750.0	4.750.4
2	364.0	4.608.5	365.0	4.750.0	4.750.6
3	365.0	4.607.5	365.0	4.750.0	4.750.9
4	365.0	4.606.0	365.0	4.750.0	4.750.9
5	365.0	4.606.0	365.0	4.750.0	4.750.9
6	365.0	4.606.0	365.0	4.750.0	4.750.9
7	367.0	4.606.0	365.0	4.750.0	4.750.9
8	365.0	4.601.5	365.0	4.750.0	4.750.9
9	365.0	4.601.0	365.0	4.750.0	4.750.9
10	365.0	4.601.0	365.0	4.750.0	4.750.9
11	365.0	4.601.0	365.0	4.750.0	4.750.9
12	367.0	4.601.0	365.0	4.750.0	4.750.9
13	365.0	4.601.0	365.0	4.750.0	4.750.9
14	365.0	4.601.0	365.0	4.750.0	4.750.9
15	365.0	4.601.0	365.0	4.750.0	4.750.9
16	365.0	4.601.0	365.0	4.750.0	4.750.9
17	367.0	4.604.5	365.0	4.756.0	4.756.0
18	365.0	4.611.5	365.0	4.750.0	4.750.9
19	365.0	4.615.0	365.0	4.750.0	4.750.9
20	365.0	4.606.5	365.0	4.750.0	4.750.9
21	365.0	4.604.0	365.0	4.750.0	4.750.9
Average	365.2	4.604.9	365.0	4.751.4	4.751.4

MONTH #	MONTH NAME
1	Jan
2	Feb
3	Mar
4	Apr
5	May
6	Jun
7	Jul
8	Aug
9	Sep
10	Oct
11	Nov
12	Dec
13	Annual

LACLEDE				Residential	
Year	Month	Cycle	UID	Cust *	HDD/D

2008	10	1	9831.7034	24497.7931	
2008	10	2	9234.9387	22391.6129	
2008	10	3	10474.183	21811.13793	
2008	10	4	9952.931	27707.32759	
2008	10	5	11537.038	29736.68966	
2008	10	6	12280.921	33117.24138	
2008	10	7	11593.803	25161.29032	
2008	10	8	11018.645	25258.85207	
2008	10	9	10347.39	19154.66517	
2008	10	10	12480.445	35383.2931	
2008	10	11	16132.01	36287.03448	
2008	10	12	19357.259	61337.43103	
2008	10	13	19105.954	60751.42857	
2008	10	14	16203.871	79422.66071	
2008	10	15	18594.207	96028.21429	
2008	10	16	17955.707	99150.625	
2008	10	17	15329.329	98117.35714	
2008	10	18	19413.461	155872.1429	
2008	10	19	26689.625	189936.6071	
2008	10	20	23151.871	176354.7143	
2008	10	21	27006.336	193161	
2008	11	1	21119.039	151248.4464	
2008	11	2	22443.621	155295.4464	
2008	11	3	24079.05	145944.7679	
2008	11	4	24519.757	186594	
2008	11	5	28364.25	172706.625	
2008	11	6	31021.111	205910.6786	
2008	11	7	32894.646	225645.0179	
2008	11	8	37572.89	268041.0345	
2008	11	9	33518.707	204941.7241	
2008	11	10	50416.672	286181.0345	
2008	11	11	56335.106	253475.0484	
2008	11	12	63995.094	373398.4839	
2008	11	13	54175.237	297642.9167	
2008	11	14	64679.543	364235.0167	
2008	11	15	70132.85	429483.65	
2008	11	16	66796.016	411824.2031	
2008	11	17	62961.491	368364.2168	
2008	11	18	68365.27	440224.9833	
2008	11	19	78294.952	480868.0645	
2008	11	20	63390.591	459525.3636	
2008	11	21	72211.361	512742.6364	

Sum
328192 / 1510639

LACLEDE GAS
CASE NO. GR-2010-0171
REGRESSION ANALYSIS OF BILLING MONTH USAGE

SYSTEM: LACLEDE

CLASS: Residential

Billing Month	Customer Numbers	Total Therm	Observed (U/D)	Actual (C*HDD/D)	Observed (U/C/D)	Actual (HDD/D)	Predicted (U/C/D)
Oct	A → 452,321	B → 9,375,284	C → 328,192	1,510,639	0.7256	3.3398	0.9194
Nov	456,151	31,209,198	1,027,777	6,375,493	2.2532	13.9767	2.5942
Dec	464,506	71,405,788	2,230,785	13,650,275	4.8025	29.3866	5.0206
Jan	469,180	89,613,998	2,761,513	15,729,656	5.8858	33.5258	5.6723
Feb	471,263	77,577,180	2,560,777	14,608,166	5.4339	30.9979	5.2742
Mar	471,109	50,720,687	1,691,517	9,187,030	3.5905	19.5009	3.4640
Apr	469,191	32,874,121	1,070,691	6,271,080	2.2820	13.3657	2.4980
May	465,742	13,263,345	441,954	1,597,203	0.9489	3.4294	0.9335
Jun	461,090	7,951,562	262,002	210,718	0.5682	0.4570	0.4655
Jul	456,853	7,107,685	230,314	0	0.5041	0.0000	0.3935
Aug	453,800	6,988,614	237,832	12,351	0.5241	0.0272	0.3978
Sep	452,566	7,650,036	249,812	127,254	0.5520	0.2812	0.4378
	461,981	405,737,497					

Regression Output:	
Constant	0.393522628
Std Err of Y Est	0.196769807
R Squared	0.991819303
No. of Observations	12
Degrees of Freedom	10
X Coefficient(s)	0.157453
Std Err of Coef.	0.004522003
"t" Statistic(s)	34.8193881

Coincident Peak Day Demand Estimate				
MONTH	MAX HDD	Therm/C/D	CUSTOMERS	Therm/DAY
Oct	25.56	4.4187	452,321	1,998,652
Nov	41.75	6.9676	456,151	3,178,256
Dec	61.14	10.0200	464,506	4,654,352
Jan	63.27	10.3548	469,180	4,858,274
Feb	58.36	9.5823	471,263	4,515,789
Mar	44.16	7.3464	471,109	3,460,942
Apr	28.78	4.9250	469,191	2,310,780
May	14.72	2.7119	465,742	1,263,052
Jun	4.59	1.1158	461,090	514,494
Jul	0.19	0.4236	456,853	193,527
Aug	0.54	0.4787	453,800	217,226
Sep	13.56	2.5286	452,566	1,144,354
ANNUAL	63.27	10.3548	468,316	4,849,331

LACLEDE GAS

REGRESSION ANALYSIS OF BILLING MONTH USAGE

SYSTEM: FRANKLIN

CLASS: Residential

Billing Month	Customer Numbers	Total Therm	Observed (U/D)	Actual (C*HDD/D)	Observed (U/C/D)	Actual (HDD/D)	Predicted (U/C/D)
Oct	4,522	85,501	2,976	12,738	0.6580	2.8169	0.6854
Nov	4,638	218,978	7,281	62,235	1.5698	13.4185	1.9807
Dec	4,733	554,065	17,424	137,956	3.6815	29.1476	3.9025
Jan	4,766	710,678	21,774	159,001	4.5687	33.3614	4.4174
Feb	4,783	639,302	21,211	149,215	4.4346	31.1970	4.1529
Mar	4,774	411,652	13,555	96,944	2.8392	20.3066	2.8223
Apr	4,736	274,681	8,974	64,991	1.8949	13.7227	2.0179
May	4,668	84,479	2,858	16,074	0.6123	3.4434	0.7620
Jun	4,598	69,869	2,264	2,209	0.4923	0.4804	0.4000
Jul	4,555	76,738	2,547	0	0.5593	0.0000	0.3413
Aug	4,534	62,739	2,106	89	0.4646	0.0195	0.3436
Sep	4,542	59,296	1,926	1,179	0.4240	0.2595	0.3730
	4,654	3,247,976					

Regression Output:	
Constant	0.341262178
Std Err of Y Est	0.207813881
R Squared	0.985056488
No. of Observations	12
Degrees of Freedom	10
X Coefficient(s)	0.122180
Std Err of Coef.	0.004758792
"t" Statistic(s)	25.6746324

Coincident Peak Day Demand Estimate				
MONTH	MAX HDD	Therm/C/D	CUSTOMERS	Therm/DAY
Oct	25.56	3.4647	4,522	15,667
Nov	41.75	5.4426	4,638	25,243
Dec	61.14	7.8112	4,733	36,970
Jan	63.27	8.0710	4,766	38,466
Feb	58.36	7.4716	4,783	35,736
Mar	44.16	5.7365	4,774	27,386
Apr	28.78	3.8576	4,736	18,270
May	14.72	2.1403	4,668	9,991
Jun	4.59	0.9017	4,598	4,146
Jul	0.19	0.3646	4,555	1,661
Aug	0.54	0.4073	4,534	1,847
Sep	13.56	1.9980	4,542	9,075
ANNUAL	63.27	8.0710	4,761	38,423

LACLEDE GAS

REGRESSION ANALYSIS OF BILLING MONTH USAGE

SYSTEM: MO. NATURAL

CLASS: Residential

Billing Month	Customer Numbers	Total Therm	Observed (U/D)	Actual (C*HDD/D)	Observed (U/C/D)	Actual (HDD/D)	Predicted (U/C/D)
Oct	21,867	342,563	12,002	75,098	0.5489	3.4343	0.7013
Nov	22,252	1,168,186	38,561	309,376	1.7329	13.9033	0.1834
Dec	22,778	2,655,068	82,553	666,564	3.6242	29.2635	1073.7351
Jan	22,920	3,093,646	95,386	768,832	4.1617	33.5442	12.0000
Feb	22,992	2,900,191	95,920	714,841	4.1719	31.0908	10.0000
Mar	22,944	1,886,813	62,883	445,930	2.7407	19.4356	0.0000
Apr	22,723	1,192,471	38,976	301,893	1.7153	13.2858	0.0000
May	22,378	498,242	16,507	79,030	0.7376	3.5316	0.0000
Jun	22,045	290,277	9,576	10,649	0.4344	0.4831	0.0000
Jul	21,754	245,573	7,980	0	0.3668	0.0000	0.0000
Aug	21,525	209,147	7,123	595	0.3309	0.0277	0.0000
Sep	21,479	261,729	8,577	6,156	0.3993	0.2866	0.0000
	22,305	14,743,904					

Regression Output:	
Constant	0.29874855
Std Err of Y Est	0.13892075
R Squared	0.99261344
No. of Observations	12
Degrees of Freedom	10
X Coefficient(s)	0.11720393
Std Err of Coef.	0.00319723
"t" Statistic(s)	36.6580094

Coincident Peak Day Demand Estimate				
MONTH	MAX HDD	Therm/C/D	CUSTOMERS	Therm/DAY
Oct	25.56	3.2949	21,867	72,051
Nov	41.75	5.1923	22,252	115,538
Dec	61.14	7.4644	22,778	170,025
Jan	63.27	7.7137	22,920	176,797
Feb	58.36	7.1386	22,992	164,131
Mar	44.16	5.4743	22,944	125,601
Apr	28.78	3.6719	22,723	83,436
May	14.72	2.0245	22,378	45,304
Jun	4.59	0.8364	22,045	18,439
Jul	0.19	0.3211	21,754	6,986
Aug	0.54	0.3621	21,525	7,795
Sep	13.56	1.8880	21,479	40,553
ANNUAL	63.27	7.7137	22,897	176,617

LACLEDE GAS
CASE NO. GR-2010-0171
REGRESSION ANALYSIS OF BILLING MONTH USAGE

SYSTEM: MIDWEST

CLASS: Residential

Billing Month	Customer Numbers	Total Therm	Observed (U/D)	Actual (C*HDD/D)	Observed (U/C/D)	Actual (HDD/D)	Predicted (U/C/D)
Oct	18,749	388,347	13,596	56,299	0.7252	3.0028	0.7494
Nov	18,853	908,991	30,136	251,687	1.5985	13.3500	1.9970
Dec	18,992	2,299,054	71,859	550,391	3.7837	28.9801	3.8814
Jan	19,044	2,789,321	85,517	634,094	4.4905	33.2963	4.4018
Feb	19,062	2,516,660	83,499	600,051	4.3804	31.4789	4.1827
Mar	19,063	1,658,959	55,236	382,586	2.8976	20.0696	2.8071
Apr	19,026	1,065,502	34,730	259,050	1.8254	13.6156	2.0290
May	18,966	457,233	15,268	69,134	0.8050	3.6452	0.8269
Jun	18,948	335,848	11,042	9,796	0.5827	0.5170	0.4498
Jul	18,897	287,175	9,347	0	0.4946	0.0000	0.3874
Aug	18,867	254,025	8,654	439	0.4587	0.0233	0.3902
Sep	18,891	276,295	9,055	4,925	0.4793	0.2607	0.4188
	18,947	13,237,409					

Regression Output:

Constant	0.387416456
Std Err of Y Est	0.174221382
R Squared	0.989113571
No. of Observations	12
Degrees of Freedom	10
X Coefficient(s)	0.120566
Std Err of Coef.	0.003999856
"t" Statistic(s)	30.1425752

Coincident Peak Day Demand Estimate

MONTH	MAX HDD	Therm/C/D	CUSTOMERS	Therm/DAY
Oct	25.56	3.4696	18,749	65,051
Nov	41.75	5.4213	18,853	102,208
Dec	61.14	7.7587	18,992	147,352
Jan	63.27	8.0150	19,044	152,638
Feb	58.36	7.4235	19,062	141,507
Mar	44.16	5.7114	19,063	108,876
Apr	28.78	3.8573	19,026	73,389
May	14.72	2.1627	18,966	41,017
Jun	4.59	0.9405	18,948	17,821
Jul	0.19	0.4105	18,897	7,756
Aug	0.54	0.4526	18,867	8,540
Sep	13.56	2.0223	18,891	38,203
ANNUAL	63.27	8.0150	19,033	152,547

LACLEDE GAS
CASE NO. GR-2010-0171
REGRESSION ANALYSIS OF BILLING MONTH USAGE

SYSTEM: ST. CHARLES

CLASS: Residential

Billing Month	Customer Numbers	Total Therm	Observed (U/D)	Actual (C*HDD/D)	Observed (U/C/D)	Actual (HDD/D)	Predicted (U/C/D)
Oct	92,153	1,735,410	60,712	313,700	0.6588	3.4041	0.8575
Nov	92,609	5,351,288	176,174	1,314,765	1.9023	14.1969	2.3124
Dec	93,095	12,428,773	387,524	2,748,649	4.1627	29.5252	4.3787
Jan	93,304	15,499,641	479,027	3,133,567	5.1340	33.5845	4.9259
Feb	93,387	13,395,908	441,331	2,881,819	4.7258	30.8589	4.5585
Mar	93,386	8,804,419	293,790	1,793,663	3.1460	19.2070	2.9878
Apr	93,272	5,770,389	188,609	1,241,721	2.0221	13.3129	2.1932
May	93,082	2,280,665	75,726	313,895	0.8135	3.3722	0.8532
Jun	92,855	1,712,095	56,452	39,937	0.6080	0.4301	0.4566
Jul	92,662	1,446,975	47,226	0	0.5097	0.0000	0.3986
Aug	92,604	1,459,982	49,656	2,369	0.5362	0.0256	0.4020
Sep	92,617	1,531,824	50,145	25,856	0.5414	0.2792	0.4362
	92,919	71,417,370					

Regression Output:

Constant	0.398577766
Std Err of Y Est	0.211138544
R Squared	0.987204510
No. of Observations	12
Degrees of Freedom	10
X Coefficient(s)	0.134805
Std Err of Coef.	0.004853236
"t" Statistic(s)	27.7763459

Coincident Peak Day Demand Estimate

MONTH	MAX HDD	Therm/C/D	CUSTOMERS	Therm/DAY
Oct	25.56	3.8447	92,153	354,304
Nov	41.75	6.0270	92,609	558,154
Dec	61.14	8.6404	93,095	804,376
Jan	63.27	8.9270	93,304	832,928
Feb	58.36	8.2656	93,387	771,904
Mar	44.16	6.3513	93,386	593,125
Apr	28.78	4.2783	93,272	399,043
May	14.72	2.3835	93,082	221,860
Jun	4.59	1.0170	92,855	94,432
Jul	0.19	0.4243	92,662	39,320
Aug	0.54	0.4715	92,604	43,662
Sep	13.56	2.2265	92,617	206,215
ANNUAL	63.27	8.9270	93,262	832,553

Laclede Gas Company
Case No. GR-2010-0171
Staff Allocation of Mains

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	Customer Numbers	Length per Customer	Cost per Foot	Total Stand-Alone Cost
Residential General Service	601,027	72	\$14.47	\$626,084,119
Commercial & Industrial - Class 1	31,003	187	\$18.14	\$105,423,861
Commercial & Industrial - Class 2	9,544	300	\$44.78	\$128,411,032
Commercial & Industrial - Class 3	683	533	\$33.41	\$12,174,287
Large Volume, Interruptible & Transportation Services	239	998	\$45.66	\$10,893,317
				\$882,986,615
Replacement Cost of Mains using Company's Handy-Whitman Data Base				\$1,552,684,124
Percent of Stand-Alone Component				56.9%
Percent of Integrated System Component				43.1%

	Stand-Alone Component	Customer Numbers	Peak Day Estimate	Int. Sys. Component	Mains Allocator
Residential General Service	40.3%		6,049,472	27.7%	68.06%
Commercial & Industrial - Class 1	6.8%		588,187	2.7%	9.49%
Commercial & Industrial - Class 2	8.3%		1,235,444	5.7%	13.93%
Commercial & Industrial - Class 3	0.8%		550,610	2.5%	3.31%
Large Volume	0.2%	84	93,725	0.4%	0.68%
Transportation - Firm	0.1%	44	700,716	3.2%	3.34%
Transportation - Basic	0.3%	93	150,126	0.7%	0.96%
Interruptible	0.1%	18	38,979	0.2%	0.23%
	56.9%	239,0833	9,407,259	43.1%	100.00%

ALLOCATION INPUTS	TOTAL	RESIDENTIAL	GENERAL SERVICE - CLASS 1	GENERAL SERVICE - CLASS 2	GENERAL SERVICE - CLASS 3	LARGE VOLUME	FIRM TRANSPORT	BASIC TRANSPORT	INTERRUPTIBLE SALES
PEAK DAY DEMAND OVERALL	9,407,259	6,049,472	588,187	1,235,444	550,610	93,725	700,716	150,126	38,979
PEAK DAY DEMAND LESS INTERRUPTIBLE, TRANSPORT	8,517,438	6,049,472	588,187	1,235,444	550,610	93,725	0	0	0
PEAK DAY DEMAND	9,407,259	6,049,472	588,187	1,235,444	550,610	93,725	700,716	150,126	38,979
PEAK DAY DEMAND LESS INTERRUPTIBLE	9,388,280	6,049,472	588,187	1,235,444	550,610	93,725	700,716	150,126	0
PEAK DAY DEMAND LESS TRANSPORT, INTERRUPTIBLE	8,517,438	6,049,472	588,187	1,235,444	550,610	93,725	0	0	0
WINTER THERM SALES	647,822,901	447,154,577	41,874,817	96,256,327	45,485,954	10,252,889	1,078,945	2,182,882	3,373,370
THERM SALES	774,207,240	522,584,636	48,163,499	118,385,566	57,879,959	16,510,940	1,436,654	2,407,599	5,828,387
DISTRIBUTION MAINS	100.00%	0.6806	0.0949	0.1393	0.0331	0.0068	0.0334	0.0096	0.0023
TERM VOLUMES	920,338,564	522,584,636	48,163,499	118,385,566	57,879,959	16,510,940	125,753,215	24,222,362	5,828,387
METER WEIGHTED CUSTOMERS	755,393	601,027	33,653	38,940	46,866	12,464	6,522	13,785	2,136
REGULATOR WEIGHTED CUSTOMERS	755,393	601,027	33,653	38,940	46,866	12,464	6,522	13,785	2,136
SERVICE LINE ALLOCATOR	675,572	601,027	49,813	19,460	2,961	813	425	899	174
TEST YEAR NO OF BILLS	7,709,952	7,212,321	372,034	114,531	8,197	1,009	828	1,118	216
WTD CUST. - BILLING, CUSTOMER RELATED	755,925	601,027	33,653	38,940	46,866	12,464	6,522	13,785	2,136
WTD CUST. - METER READING	649,910	601,027	31,003	9,544	6,175	760	398	841	163
VOLUMES LESS BASIC TRANSPORT	896,116,202	522,584,636	48,163,499	118,385,566	57,879,959	16,510,940	125,753,215	0	5,828,387
NO. RES/GS BILLS	7,707,083	7,212,321	372,034	114,531	8,197	0	0	0	0
ASSIGNED - LARGE C&I	172,314,904	0	0	0	0	16,510,940	125,753,215	24,222,362	5,828,387
C-O-S REVENUES	\$306,081,728	\$244,536,949	\$20,126,306	\$19,836,975	\$9,567,841	\$2,588,054	\$5,789,607	\$3,000,007	\$635,990
DISTN PLANT	\$1,127,263,268	\$878,366,874	\$87,779,701	\$87,958,428	\$28,988,969	\$7,372,133	\$27,109,474	\$9,621,185	\$2,086,501
P.T.D.S PLANT	\$1,173,553,044	\$910,381,944	\$91,094,522	\$94,646,693	\$29,789,317	\$7,952,216	\$27,623,389	\$9,826,089	\$2,238,893
MAINS/SERVICES	\$962,789,335	\$759,532,651	\$80,796,790	\$79,031,163	\$17,539,794	\$3,739,335	\$15,822,220	\$5,124,446	\$1,202,935
METERS/REGS	\$139,723,713	\$111,170,912	\$6,224,786	\$7,202,628	\$8,688,661	\$2,305,381	\$1,206,384	\$2,549,857	\$395,103
METERS/REGS/SERVICES PLANT	\$427,587,262	\$369,808,511	\$28,238,089	\$14,880,512	\$8,373,694	\$2,238,811	\$1,171,548	\$2,476,227	\$399,870
DISTN OPERATION	\$19,671,805	\$15,227,543	\$1,214,589	\$1,331,957	\$826,842	\$233,998	\$504,329	\$280,799	\$51,748
DISTN MAINTENANCE	\$19,061,593	\$14,567,197	\$1,509,882	\$1,614,818	\$456,851	\$121,717	\$586,931	\$166,287	\$37,911
DISTN O&M	\$38,733,398	\$29,794,740	\$2,724,471	\$2,946,775	\$1,283,693	\$355,715	\$1,091,260	\$447,085	\$89,659
O&M LESS GAS & A&G	\$101,463,186	\$81,759,535	\$6,012,569	\$6,054,913	\$3,643,334	\$965,410	\$1,703,203	\$1,084,932	\$229,291
NET PLANT	\$809,835,537	\$631,956,250	\$61,120,451	\$61,766,602	\$21,134,688	\$5,778,301	\$19,242,292	\$7,299,421	\$1,537,532
AVG NO OF CUSTOMERS	642,496	601,027	31,003	9,544	683	84	44	93	18
RATE OF RETURN	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%
RETURN ON RATE BASE	\$57,599,823	\$44,943,192	\$4,236,678	\$4,370,648	\$1,632,348	\$443,622	\$1,320,115	\$535,974	\$117,246
*****	+	+	+	+	+	+	+	+	+
SERVICE ALLOCATOR	+	+	+	+	+	+	+	+	+
CUSTOMERS	642,496	601,027	31,003	9,544	683	84	44	93	18
WEIGHT	675,572	601,027	49,813	19,460	2,961	813	425	899	174
WEIGHTED CUSTOMERS - SERVICES	642,496	601,027	31,003	9,544	683	84	44	93	18
CUSTOMERS	755,393	601,027	33,653	38,940	46,866	12,464	6,522	13,785	2,136
WEIGHT	0.00%	79,5648%	1.09	4.08	98.81	148.23	148.23	148.23	148.23
WEIGHTED CUSTOMERS - METERS	0.00%	1.00	1.00	1.00	9.04	9.04	9.04	9.04	9.04
WEIGHTS FOR BILLING		1.00	1.00	1.00	9.04	9.04	9.04	9.04	9.04
WEIGHTS FOR METER READING		1.00	1.00	1.00	9.04	9.04	9.04	9.04	9.04
LACLEDE GAS COMPANY									

FUNCTIONALIZATION SUMMARY
CASE NO. GR-2010-0171
LACLEDE GAS COMPANY

TEST YEAR ENDED September 30, 2009, UPDATED THROUGH MARCH 31, 2010

FUNCTIONAL CATEGORY	TOTAL	RESIDENTIAL	GENERAL SERVICE - CLASS 1	GENERAL SERVICE - CLASS 2	GENERAL SERVICE - CLASS 3	LARGE VOLUME	FIRM TRANSPORT	BASIC TRANSPORT	INTERRUPTIBLE SALES	ALLOCATION BASIS
PRODUCTION	\$1,828,868,974	\$1,298,803,949	\$126,282,029	\$265,246,214	\$118,214,357	\$20,122,424	\$0,000	\$0,000	\$0,000	PEAK DAY DEMAND LESS INTERRUPTIBLE, TRANSPORT
TRANSMISSION	\$89,247,135	\$44,530,358	\$4,329,663	\$9,084,143	\$4,053,058	\$689,911	\$5,157,995	\$1,105,084	\$286,923	PEAK DAY DEMAND
PROPANE MIXING	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	PEAK DAY DEMAND LESS TRANSPORT, INTERRUPTIBLE
STORAGE	\$5,488,339,632	\$3,784,352,772	\$353,711,327	\$816,987,070	\$385,883,280	\$87,020,320	\$9,165,938	\$18,355,572	\$32,683,373	WINTER THERM SALES
PURCHASED GAS	\$5,686,643	\$3,838,519	\$353,787	\$876,901	\$425,135	\$121,275	\$10,552	\$17,684	\$42,810	THERM SALES
DISTRIBUTION MAINS	\$63,066,262,310	\$42,922,323,018	\$5,982,829,155	\$8,788,083,343	\$2,086,802,165	\$426,618,024	\$2,107,579,515	\$606,207,009	\$146,020,081	DISTRIBUTION MAINS
DISTRIBUTION MEASURING & REGULATING	\$6,039,966,510	\$3,429,666,237	\$316,085,767	\$783,499,517	\$379,852,619	\$108,357,433	\$825,288,907	\$158,965,690	\$38,250,339	THERM VOLUMES
DISTRIBUTION METERS	\$35,866,326,523	\$28,536,975,879	\$1,597,869,223	\$1,848,875,844	\$2,225,198,771	\$591,779,023	\$309,672,274	\$654,534,578	\$101,420,831	METER WEIGHTED CUSTOMERS
DISTRIBUTION REGULATORS	\$5,958,837,068	\$4,741,137,612	\$285,470,241	\$307,172,520	\$369,894,870	\$98,318,259	\$51,449,000	\$108,744,477	\$16,850,089	REGULATOR WEIGHTED CUSTOMERS
DISTRIBUTION SERVICES	\$81,741,748,381	\$72,722,028,246	\$6,027,190,908	\$2,354,580,799	\$358,283,238	\$98,366,137	\$51,474,054	\$108,797,432	\$21,057,567	SERVICE LINE ALLOCATOR
CUSTOMER RELATED	\$24,771,709	\$23,172,844	\$1,195,328	\$367,983	\$26,337	\$3,242	\$1,696	\$3,586	\$0,694	TEST YEAR NO OF BILLS
BILLING	\$39,338,360,883	\$31,277,486,481	\$1,751,318,473	\$2,026,430,182	\$2,438,892,781	\$646,609,736	\$339,411,239	\$717,391,938	\$138,850,052	WTD CUST. - BILLING, CUSTOMER RELATED
METER READING	\$13,982,215,743	\$12,917,037,528	\$666,043,146	\$205,041,979	\$132,660,948	\$16,329,742	\$8,545,197	\$18,061,439	\$3,495,762	WTD CUST. - METER READING
OTHER GAS	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	VOLUMES LESS BASIC TRANSPORT
ASSIGNED RESIDENTIAL & SMALL GENERAL SERVICE	\$17,095,192,073	\$15,997,753,338	\$825,213,987	\$254,042,865	\$18,181,884	\$0,000	\$0,000	\$0,000	\$0,000	NO. RES/GS BILLS
ASSIGNED LIQUID PROPANE	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0
ASSIGNED - LARGE VOLUME	\$1,982,168,601	\$0,000	\$0,000	\$0,000	\$0,000	\$189,928,242	\$1,446,561,316	\$278,634,084	\$87,044,959	ASSIGNED - LARGE C&I
REVENUE RELATED	\$33,583,906,496	\$26,832,842,068	\$2,208,443,356	\$2,176,695,210	\$1,049,871,455	\$281,790,522	\$635,288,851	\$328,188,334	\$89,786,701	C-O-S REVENUES