

Liberty Utilities (Midstates Natural Gas): MO						
Development of Demand Allocator	Total Company	Residential RS	Small General Srv SGS	Medium General Srv MGS	Large General Srv LGS	Large Volume LV
R-Square		86.7%	84.8%	92.2%	86.8%	
Heat use per DD (coefficient)		0.109	0.252	1.679	22.398	
Heat use at Design Day DD	75.8	8.23	19.08	127.27	1,697.63	
Base use at Design Day		0.28	0.75	8.93	1,143.61	
Total use at Design Day		8.51	19.82	136.20	2,841.24	
February 2022 Design Day Customers	53,702	46,697	6,067	892	42	4
Design Day Use (CCF)	758,571	397,491	120,260	121,488	119,332	
Design Day Use (%)	100.00%	52.40%	15.85%	16.02%	15.73%	0.00%
2022 Annual Use (Actual)	72,727,153	29,110,884	8,846,013	10,325,265	22,752,220	1,692,770
Average Daily Use	365.00	199,252	79,756	24,236	28,288	62,335
Design Day Use	758,571					
Design Day Load Factor	26%					
Average Use (%)	100.00%	40.03%	12.16%	14.20%	31.28%	2.33%
Design Day Use (%)	100.00%	52.40%	15.85%	16.02%	15.73%	0.00%
Peak and Average Allocator (%)	100.00%	49.15%	14.88%	15.54%	19.82%	0.61%

FORM NO. 13 P.S.C. MO. No. 2 3rd Revised SHEET No. 30
Cancelling P.S.C. MO. No. 2 2nd Revised SHEET No. 30

Liberty Utilities (Midstates Natural Gas) Corp. FOR - All Areas
d/b/a Liberty Utilities Name of Issuing Corporation Community, Town or City

INTERRUPTIBLE LARGE VOLUME GAS SERVICE

AVAILABILITY:
To any commercial or industrial customer using at least 200,000 Ccf per year, or 1,000 Ccf per day during off-peak periods. Examples of customers utilizing natural gas during off-peak periods only would include, but is not limited to the following: asphalt plants, electric generating facilities, grain drying facilities, and farm irrigation systems.

Deliveries to such customers shall be subject to curtailment at any time. Deliveries to such customers shall be subject to curtailment in whole or in part upon one-half (1/2) hour's notice. During any interruption due to capacity or supply concerns, all Interruptible Gas Service Customers shall be interrupted when required on a pro rata basis.

Interruption shall occur at any time the Company is subject to any penalties being incurred and/or increased reservation or storage charges being incurred related to the Company's system supply gas needs. No penalties, short-term reservation or storage charges shall be used as costs of gas in the Actual Cost Adjustment factor computation during any period where interruptible Customers are not interrupted.

Service is interruptible; thus, no design day use is assigned

Liberty Utilities (Midstates Natural Gas): MO
12ME Dec 31, 2022

	Jan' 22	Feb' 22	Mar' 22	Apr' 22	May' 22	Jun' 22	Jul' 22	Aug' 22	Sep' 22	Oct' 22	Nov' 22	Dec' 22	Average
Actual Bills													
RS	46,637	46,697	46,949	46,578	46,614	45,882	45,151	44,999	44,700	44,603	45,201	45,795	45,817
SGS	6,032	6,067	6,088	6,057	6,048	5,951	5,863	5,844	5,824	5,813	5,877	5,981	5,954
MGS	891	892	893	895	912	886	884	880	887	899	899	902	893
LGS	44	42	43	42	41	43	42	40	43	45	43	46	43
LV	4	4	4	4	4	4	4	4	4	4	4	4	4
Total	53,608	53,702	53,977	53,576	53,619	52,766	51,944	51,767	51,458	51,364	52,024	52,728	52,711

Actual Sales (CCF)													
RS	3,730,746	6,348,721	6,227,796	3,870,458	2,554,618	729,430	492,163	373,872	389,707	413,604	1,111,792	2,867,977	29,110,884
SGS	1,091,860	2,009,094	1,954,028	1,157,272	712,593	214,608	171,806	124,535	136,604	142,430	295,593	835,590	8,846,013
MGS	1,243,323	1,987,949	1,787,530	1,177,524	795,097	331,414	276,143	217,348	256,099	538,618	671,826	1,042,394	10,325,265
LGS	2,253,998	2,556,498	2,121,284	2,283,161	1,964,964	1,664,222	1,553,314	1,343,533	1,506,224	1,572,394	1,854,948	2,077,680	22,752,220
LV	205,440	236,810	228,730	190,600	150,880	90,660	82,540	67,560	73,940	79,750	119,430	166,430	1,692,770
Total	8,525,367	13,139,072	12,319,369	8,679,014	6,178,152	3,030,335	2,575,966	2,126,848	2,362,575	2,746,796	4,053,588	6,990,071	72,727,153

Use per customer													
RS	80	136	133	83	55	16	11	8	9	9	25	63	635
SGS	181	331	321	191	118	36	29	21	23	25	50	140	1,486
MGS	1,395	2,229	2,002	1,316	872	374	312	247	289	599	747	1,156	11,558
LGS	51,227	60,869	49,332	54,361	47,926	38,703	36,984	33,588	35,028	34,942	43,138	45,167	531,180
LV	51,360	59,203	57,183	47,650	37,720	22,665	20,635	16,890	18,485	19,938	29,858	41,608	423,193

Monthly Use Compared to Peak Use													
RS	59%	100%	98%	61%	40%	11%	8%	6%	6%	7%	18%	45%	
SGS	54%	100%	97%	58%	35%	11%	9%	6%	7%	7%	15%	42%	
MGS	63%	100%	90%	59%	40%	17%	14%	11%	13%	27%	34%	52%	
LGS	88%	100%	83%	89%	77%	65%	61%	53%	59%	62%	73%	81%	
LV	87%	100%	97%	80%	64%	38%	35%	29%	31%	34%	50%	70%	

Base Use per customer													
RS	9												
SGS	22												
MGS	268												
LGS	34,308												
LV	17,688												

Heat Use per customer	Jan' 22	Feb' 22	Mar' 22	Apr' 22	May' 22	Jun' 22	Jul' 22	Aug' 22	Sep' 22	Oct' 22	Nov' 22	Dec' 22	Total
RS	71	127	124	75	46	7	2	0	0	1	16	54	525
SGS	159	309	299	169	95	14	7	0	1	2	28	117	1,199
MGS	1,128	1,961	1,734	1,048	604	106	45	0	21	331	479	888	8,344
LGS	16,919	26,561	15,024	20,053	13,618	4,394	2,675	0	720	634	8,830	10,859	120,285
LV	33,673	41,515	39,495	29,963	20,033	4,978	2,948	0	798	2,250	12,170	23,920	211,740

Actual Billing Degree Days	891	1,025	737	468	219	40	1	-	28	176	461	780	4,826
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Regression Analysis	Residential RS	Small General Srv SGS	Medium General Srv MGS	Large General Srv LGS	Large Volume LV
Coefficient	0.10856	0.25168	1.67913	22.39777	41.31357
Coefficient Standard Error	0.01284	0.03209	0.14695	2.63509	3.55141
R-Squared	86.67%	84.83%	92.23%	86.79%	92.48%
t-stat	8.46	7.84	11.43	8.50	11.63