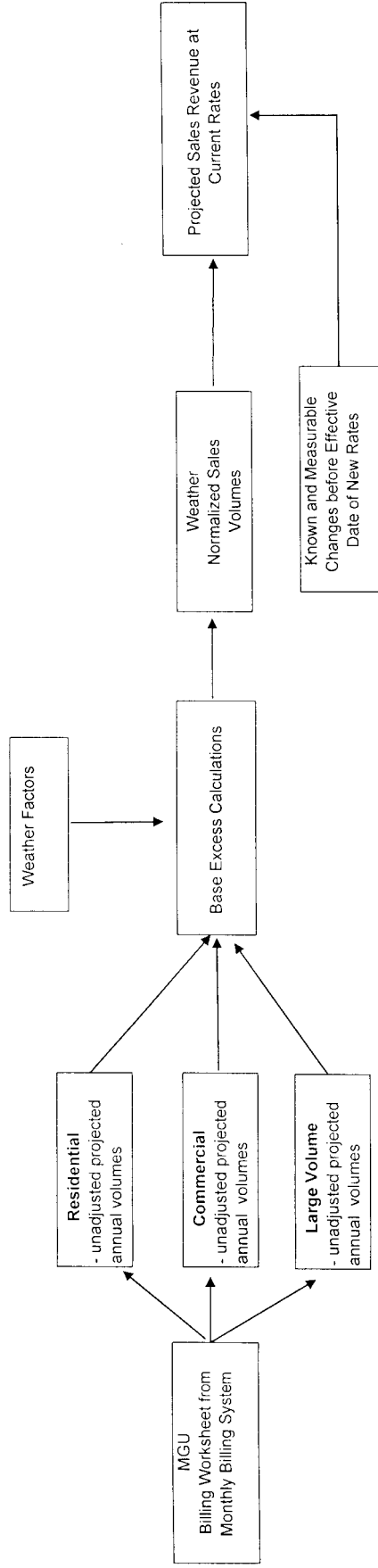


Missouri Gas Utility, Inc.

Schedule KDT - 2

Missouri Gas Utility, Inc. Weather Adjusted Sales Volumes and Revenues at Current Rates



Missouri Gas Utility, Inc.
WEATHER NORMALIZED SALES VOLUMES BASE EXCESS METHOD
FOR TEST YEAR ENDED MARCH 31, 2007
 Prepared 6-13-07

WEATHER NORMALIZATION WITH BASE LOAD EXCLUDED

	<u>Reference</u>	<u>Residential</u>	<u>Commercial</u>	<u>Large volume</u>	
1 Annual Total Sales Volume	base/excess	59,971	10,191	18,347	1
2 Less: Base Load SalesVolume	base/excess	(8,720)	(1,587)	(1,769)	2
3 Annual Volume Subject to WX Normalization		<u>51,251</u>	<u>8,604</u>	<u>16,578</u>	3
4 Weather normalization factors	WPP-2	<u>0.8609</u>	<u>0.8609</u>	<u>0.8609</u>	4
5 Weather normalized excess volumes	ln 3 / ln 4	59,532	9,994	19,257	5
6 Add: Base Load sales Volumes	ln 2	<u>8,720</u>	<u>1,587</u>	<u>1,769</u>	6
7 Weather normalized volume	ln 5 + ln 6	68,252	11,581	21,026	7
8 Known and Measurable Changes	note 2	-	-	20,587	8
9 Total test period wx adjusted sales volumes		<u><u>68,252</u></u>	<u><u>11,581</u></u>	<u><u>41,613</u></u>	9

Notes: (1) the percentage is developed by dividing the weather normalized volume from the base/excess method on lines 19 & 20 by the original volumes shown on lines 11 and 12

(2) Landmark will be connected and operating prior to the effective of new rates and its volumes are shown as an estimate

Missouri Gas Utility, Inc.
Base Load and Excess Volumes by Month
for the 12 months ended 3-31-07

Line No	Month	Residential		Commercial		Large Volume		Line No
		Base Load Note 1	Excess Subject to WX	Base Load Note 1	Excess Subject to WX	Base Load Note 1	Excess Subject to WX	
1	April 2006	727	4,356	132	706	147	1,941	1
2	May	727	1,280	132	117	147	527	2
3	June	727	231	132	15	147	112	3
4	July	727	44	132	0	147	9	4
5	August	727	-	132	-	147	-	5
6	September	727	99	132	11	147	510	6
7	October	727	1,150	132	117	147	1,366	7
8	November	727	4,430	132	702	147	1,313	8
9	December	727	7,130	132	1,168	147	2,166	9
10	January 2007	727	8,905	132	1,569	147	2,551	10
11	February	727	14,777	132	2,625	147	3,893	11
12	March	727	8,849	132	1,574	147	2,190	12
13		8,720	51,251	1,587	8,604	1,769	16,578	13
14	ties to unadjusted projected volume		59,971		10,191		18,347	14

Notes (1) base load equals average customer usage for the month of August 2006 multiplied by the customer count for March 2007.

Base Load calculations		Ave usage for month August 2006
Residential		0.8521
Commercial		2.3206
Large Volume		13.4030

Missouri Gas Utility, Inc.
FY 2007 MGU Gas Billing Worksheet Summary by Rate Schedule

Residential and Small Commercial - Schedules GS and GSI (General Service)

Month	Commodity		Customer		Mcf per Customer
	Charges	MCF Sold	Charges	Count	
Apr-06	\$ 14,339	4,665	\$ 6,261	782.58	5.96
May-06	5,659	1,841	6,260	782.50	2.35
Jun-06	2,627	855	6,089	761.16	1.12
Jul-06	2,003	652	5,772	721.50	0.90
Aug-06	1,907	620	5,823	727.92	0.85
Sep-06	2,184	711	5,871	733.83	0.97
Oct-06	5,200	1,692	6,148	768.50	2.20
Nov-06	15,097	4,911	6,497	812.09	6.05
Dec-06	23,383	7,607	6,605	825.58	9.21
Jan-07	29,253	9,516	6,741	842.58	11.29
Feb-07	47,724	15,525	6,831	853.92	18.18
Mar-07	29,436	9,576	6,822	852.75	11.23
Fiscal 07	<u>\$ 178,813</u>	<u>58,169</u>	<u>\$ 75,719</u>		<u>70.33</u>

Commercial - Schedules CS and CSI

Month	Schedule CS		Schedule CSI		Customer Charges	Customer Count	Mcf per Customer
	Commodity Charges	MCF Sold	Commodity Charges	MCF Sold			
Apr-06	\$ 1,112	362	\$ 819	372	\$ 749	49.92	14.70
May-06	425	138	177	81	750	50.00	4.37
Jun-06	298	97	65	29	735	49.00	2.58
Jul-06	262	85	53	24	706	47.08	2.32
Aug-06	265	86	53	24	713	47.50	2.32
Sep-06	293	95	62	28	735	49.00	2.52
Oct-06	450	146	158	72	750	50.00	4.37
Nov-06	1,243	404	850	386	810	54.00	14.64
Dec-06	1,840	599	1,527	694	850	56.67	22.81
Jan-07	2,563	834	1,975	898	870	58.00	29.85
Feb-07	4,044	1,316	3,172	1,442	855	57.00	48.38
Mar-07	3,076	1,001	1,552	705	855	57.00	29.93
Fiscal 07	<u>\$ 15,872</u>	<u>5,163</u>	<u>\$ 10,461</u>	<u>4,755</u>	<u>\$ 9,378</u>		<u>178.79</u>

Large Volume Customers - Schedules LVS and LVSI

Month	Schedule LVS		Schedule LVSI		Customer Charges	Customer Count	Mcf per Customer
	Commodity Charges	MCF Sold	Commodity Charges	MCF Sold			
Apr-06	\$ 1,751	570	\$ -	-	\$ 150	3.00	189.88
May-06	565	184	-	-	150	3.00	61.27
Jun-06	292	95	103	47	300	6.00	23.58
Jul-06	238	77	18	8	300	6.00	14.23
Aug-06	225	73	16	7	300	6.00	13.40
Sep-06	1,097	357	59	27	321	6.42	59.79
Oct-06	2,853	928	77	35	350	7.00	137.59
Nov-06	2,578	839	199	91	350	7.00	132.76
Dec-06	7,011	2,281	534	243	600	12.00	210.30
Jan-07	7,994	2,600	755	343	600	12.00	245.30
Feb-07	11,777	3,831	1,268	577	600	12.00	367.32
Mar-07	6,111	1,988	769	350	550	11.00	212.53
Fiscal 07	<u>\$ 42,492</u>	<u>13,823</u>	<u>\$ 3,799</u>	<u>1,727</u>	<u>\$ 4,571</u>		<u>1,667.95</u>

Fiscal Year Summary

Customer Charges	\$ 89,668
Commodity Charges	\$ 251,436
Mcf Sold	83,637

Missouri Gas Utility, Inc.
Heating Degree Day Deficiency for Fiscal Year ended March 31, 2007

	KCI - Station 234358		
	Test Period by Month	30 year normal	Factor
April 2006	145	331	2.2828
May	94	124	1.3191
June	-	8	NA
July	-	-	NA
August	-	7	NA
September	46	58	1.2609
October	323	269	0.8328
November	551	668	1.2123
December	822	1,047	1.2737
January 2007	1,114	1,182	1.0610
February	1,027	897	0.8734
March	397	658	1.6574
	4,519	5,249	1.1615
		reciprocal	0.8609

Source: High Plains Regional Climate Center

**Missouri Gas Utility – 2007 Rate Increase Filing
Weather Normalization Factors
6-13-07**

The 30 year normal data shown below is for Kansas City International Airport.

<http://climod.unl.edu>

Login: tjohnston

Password: wolf7

Normals Lister

Station: KANSAS CITY INTL AP	State: MO	ID: 234358
Latitude: 39.30 degrees	Longitude: -94.73 degrees	Elevation: 1005 feet

CLIMOD Product: Normals Lister	Creation Time: 06/13/2007 11:01 CDT
Normals Period: 1971-2000	

Analysis	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
30 Yr Mean- Max Temp	36.0	42.6	54.4	65.2	74.6	83.9	88.8	87.1	79.0	67.6	52.0	40.0	64.3
30 Yr Mean- Min Temp	17.8	23.3	33.2	43.5	53.9	63.2	68.2	66.1	57.2	45.9	33.4	22.5	44.0
30 Yr Mean- Ave Temp	26.9	33.0	43.8	54.4	64.3	73.6	78.5	76.6	68.1	56.8	42.7	31.3	54.2
30 Yr Mean- HDD (base 65)	1182	897	658	331	124	8	0	7	58	269	668	1047	5249

The two year data shown below is used to extract the test period HDD information

Monthly Time Series

Station: KANSAS CITY INTL AP **State:** MO **ID:** 234358
Latitude: 39.30 degrees **Longitude:** -94.73 degrees **Elevation:** 1005 feet
Station period of record: 10/01/1972 - 06/12/2007

CLIMOD Product: Monthly Time Series **Creation Time:** 06/13/2007 11:11 CDT
Element: Heating Degree Days (base 65) **Units:** degF **Analysis:** Sum
Max allowable missing days: 5
Lowest Acceptable Quality of Data: Raw data

Year(s)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Annual
2005-2006	0	0	27	258	524	1077	682	826	563	145	94	0	4196
2006-2007	0	0	46	323	551	822	1114	1027	397	406	26	-999r	4712a
Max value	0	0	46	323	551	1077	1114	1027	563	406	94	0	4196
Min value	0	0	27	258	524	822	682	826	397	145	26	0	4196
Mean	0.0	0.0	36.5	290.5	537.5	949.5	898.0	926.5	480.0	275.5	60.0	0.0	4196.0
# years	2	2	2	2	2	2	2	2	2	2	2	1	1

Flags:

a = 1, b = 2, c = 3, ..., or z = 26 or more missing days in a month or missing months in a year.

A = Accumulation over more than one day, S = Subsequent

Notes:

Long-term means based on columns. Thus, the sum (or average) of the monthly values may not equal the annual value.

In months with missing data, monthly sums have been adjusted to include estimates for missing days.

Requested end time is later than end of record.