GMO-MPS Current and GMO-MPS Proposed Residential Rates

		MPS Current Residential Rates (6/25/11)		GMO-MPS Proposed Residential Rates					
			Electric			Electric			
			Space				Space		
		General Use	Heating	Other Use	Time of Day	General Use	Heating	Other Use	Time of Day
Line		MO860	MO870	MO815	MO600	MO860	MO870	MO815	MO600
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
.1	Rate Sheet	51	51	52	66	51	51	52	66
2	Service Charge	10.43	10.43	17.18	18.46	11.15	11.15	18.36	19.73
3	Energy Charge								
4	Summer								
5	First 600 kWh	0.1088	0.1088			0.1173	0.1173		
6	Next 400 kWh	0.1120	0.1120			0.1208	0.1208		
7	Excess	0.1176	0.1176			0.1268	0.1268		
8	Peak				0.1987				0.2135
9	Shoulder				0.1104				0.1191
10	Off-Peak				0.0663				0.0719
11	All kWh			0.1274				0.1373	
12	Winter								
13	First 600 kWh	0.1088	0.1088			0.1174	0.1174		
14	Next 400 kWh	0.0745	0.0586			0.0807	0.0637	•	
15	Excess	0.0745	0.0485			0.0807	0.0529		
17	Peak				0.1275				0.1374
18	Off-Peak				0.0509				0.0555
19	All kWh			0.1055				0.1138	

Source: Current rates from Electronic Filing Information System, Missouri Public Service Commission. Proposed rates from KCP&L-GMO Application, Appendix 1.

GMO-L&P Current and GMO-L&P Proposed Residential Rates

		GMO-L	GMO-L&P Current Residential Rates (6/25/12)			GMO-L&P Proposed Residential Rates			
				Space/				Space/	
				Water				Water	
			Electric	Heating -			Electric	Heating -	
			Space	Separate			Space	Separate	
Line	Description	General Use	Heating	Meter	Other Use	General Use	Heating	Meter	Other Use
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	Rate Sheet	18	19	22	21	18	19	22	21
2	Frozen			6/15/95				6/15/95	
3	Service Charge	9.75	9.75	5.21	10.75	10.62	10.62	5.68	11.71
4	Energy Charge								
5	<u>Summer</u>								
6	All kWh	0.1117	0.1117	0.1143	0.1634	0.1239	0.1239	0.1267	0.1802
7	Winter								
8	First 650 kWh	0.0993				0.1104			
9	Over 650 kWh	0.0731				0.0818			
10	First 1000 kWh		0.0776				0.0868		
11	Over 1000 kWh		0.0521				0.0590		
12	All kWh			0.0619	0.1194			0.0697	0.1323

Source: Current rates from Electronic Filing Information System, Missouri Public Service Commission. Proposed rates from KCP&L-GMO Application, Appendix 1.

Residential Winter Energy Charge Changes Since 2004 - GMO-MPS

	Effective Date of Rates						
		April 22,	March 1,	May 31,	September 1,	June 25,	
Line	Description	2004	2006	2007	2009	2011	Proposed
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Winter Block Rate Difference (Cents/kWh):						
2	Second Block Rate Less First Block Rate ¹						
3	General Use Schedule	(2.29)	(2.60)	(2.90)	(3.20)	(3.43)	(3.67)
4	Electric Space Heating Schedule	(3.34)	(3.79)	(4.23)	(4.67)	(5.02)	(5.37)
5	Rate Advantage Electric Space Heating Schedule						
6	Compared to General Use Schedule (Cents/kWh) at: ²						
7	400 kWh	-	-	-	-	-	-
8	800 kWh	(0.26)	(0.30)	(0.33)	(0.37)	(0.40)	(0.42)
9	1400 kWh	(0.79)	(0.90)	(1.00)	(1.11)	(1.20)	(1.28)
10	2100 kWh	(1.10)	(1.25)	(1.40)	(1.54)	(1.66)	(1.78)

¹ The two blocks break at 600 kWh for both the General Use and Electric Space Heating schedules.

² Usage levels selected to bracket the General Use winter average of 784 kWh and the Electric Space Heating winter average of 1394 kWh.

Residential Winter Energy Charge Changes Since 2004 - GMO-L&P

Effective Date of Rates

	<u>-</u>	Ellowito Buto of futes						
		April 22,	March 1,	May 31,	September 1,	June 25,	June 25,	
Line	Description	2004	2006	2007	2009	2011	2012	Proposed
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Winter Block Rate Difference (Cents/kWh):							
2	Second Block Rate Less First Block Rate ¹							
3	General Use Schedule	(1.56)	(1.69)	(1.91)	(2.13)	(2.45)	(2.62)	(2.86)
4	Electric Space Heating Schedule	(1.87)	(1.33)	(1.50)	(1.68)	(2.37)	(2.55)	(2.78)
5	Rate Advantage Electric Space Heating Schedule							
6	Compared to General Use Schedule (Cents/kWh) at:2							
7	400 kWh	(0.41)	(1.69)	(1.91)	(2.13)	(2.03)	(2.17)	(2.36)
8	800 kWh	(0.12)	(1.37)	(1.55)	(1.73)	(1.57)	(1.68)	(1.82)
9	1800 kWh	(0.24)	(1.20)	(1.36)	(1.52)	(1.52)	(1.63)	(1.77)
10	2700 kWh	(0.40)	(1.24)	(1.40)	(1.57)	(1.66)	(1.79)	(1.94)

The two blocks break at 650 kWh for the General Use schedule and at 1000kWh for the Electric Space Heating schedule.

² Usage levels selected to bracket the General Use winter average of 790 kWh and the Electric Space Heating winter average of 1795 kWh.

Cost of Service Required Residential Revenue Shifts and Resulting Energy Revenue Per kWh - GMO-MPS

Line	Description	Winter	Summer	Total		Sources/Explanation
	(a)	(b)	(c)	(d)		(e)
1	Required Winter-Summer Revenue Shifts to Equalize Rates of Return					
2	Net Operating Income	20,534,099	21,280,223	41,814,322		Lines 2-4: Schedule PMN-2A, pages 2, 4-5.
3	Rate Base	417,428,279	360,383,630	777,811,909		
4	Rate of Return	4.919%	5.905%	5.376%		
5	Net Operating Income at					
	Equalized Rate of Return	22,440,490	19,373,832	41,814,322		Line 4, column d x line 3 for each class.
6	Rate of Return	5.376%	5.376%	5.376%		Line 5/line 3.
7	Required Revenue Shift	3,094,238	(3,094,238)	-		(Line 5 - line 2) x $1/(1 - \tan x $ rate). The tax rate of 38.389%
						provided in KCP&L-GMO's Response to Data Request MGE-1.
			Electric Space			
	_	General Use	Heating	Other	Total	<u> </u>
		(b)	(c)	(d)	(e)	
8	Required Winter Revenue Shifts to Equalize Rates of Return					
9	Net Operating Income	14,261,015	6,229,415	43,669	20,534,099	Lines 2-4: Schedule PMN-2A, pages 2, 4-5.
10	Rate Base	226,206,076	190,843,225	378,978	417,428,279	
11	Rate of Return	6.304%	3.264%	11.523%	4.919%	
12	Net Operating Income at					
	Equalized Rate of Return	12,160,593	10,259,524	20,373	22,440,490	Line 4, column b x line 10 for each class.
13	Rate of Return	5.376%	5.376%	5.376%	5.376%	Line 12/line 10.
14	Required Revenue Shift	(3,409,168)	6,541,217	(37,811)	3,094,238	(Line 12 - line 9) x 1/(1 - tax rate).
15	Winter Energy Revenue per kWh ¹					
16	Current	0.0958	0.0744			
17	After Required Revenue Shift	0.0919	0.0823			

Test year winter kWh by schedule and rate block were provided in KCP&L-GMO's Response to Data Request MGE-4. Current winter energy charge revenue used in line 16 is calculated based on these kWhs and current rates in Schedule FJC-1A. Line 17 is calculated based on these kWhs, current winter energy charge revenue, and the revenue shift in line 14.

Cost of Service Required Residential Revenue Shifts and Resulting Energy Revenue Per kWh - GMO-L&P

					Sources/Explanation
(a)	(b)	(c)	(d)		(e)
Required Winter-Summer Revenue Shifts to Equalize Rates					
	5 162 478	3 113 100	8 275 677		Lines 2-4: Schedule PMN-2B, pages 2, 4-5.
	• •	• •	, ,		Lines 2-4. Schedule I WHV-2D, pages 2, 4-3.
	, ,	, ,			
	4.44070	3.39070	4.00570		
	4 740 821	3 534 856	8 275 677		Line 4, column d x line 3 for each class.
•					Line 5/line 3.
			-		(Line 5 - line 2) x 1/(1 - tax rate). The tax rate of 38.389%
toquilou revenue sinic	(001,500)	001,500			provided in KCP&L-GMO's Response to Data Request MGE-2.
					,
		•	0.1	 1	
-		· · · · · · · · · · · · · · · · · · ·			<u>-</u>
	(b)	(c)	(d)	(e)	
Required Winter Revenue Shifts					
-	3 366 480	1 710 473	85 526	5 162 478	Lines 2-4: Schedule PMN-2B, pages 2, 4-5.
			•		Elites 2-4. Schedule I WIN-2D, pages 2, 4-5.
	, ,			, ,	
	0.13070	21,751,76	2.17.770		
• •	2.135.917	2.537.382	67.521	4.740.821	Line 4, column b x line 10 for each class.
•	, ,	, ,	•		Line 12/line 10.
Required Revenue Shift	(1,997,310)	1,342,146	(29,223)	(684,386)	(Line 12 - line 9) x 1/(1 - tax rate).
Winter Energy Revenue per kWh ¹					
Current	0.0896	0.0643			
	Required Winter-Summer Revenue Shifts to Equalize Rates of Return Net Operating Income Rate Base Rate of Return Net Operating Income at Equalized Rate of Return Required Revenue Shift Required Winter Revenue Shifts to Equalize Rates of Return Net Operating Income Rate Base Rate of Return Net Operating Income Rate Operating Income Rate Operating Income Rate Operating Income at Equalized Rate of Return Required Revenue Shift Required Revenue Shift Winter Energy Revenue per kWh ¹	Required Winter-Summer Revenue Shifts to Equalize Rates of Return Net Operating Income Rate Base Rate of Return Net Operating Income at Equalized Rate of Return Required Revenue Shift General Use (b) Required Winter Revenue Shifts To Equalize Rates of Return Net Operating Income Rate Base Rate of Return Net Operating Income Rate Base Rate of Return Net Operating Income Rate Grate of Return Net Operating Income at Equalized Rate of Return Net Operating Income at Equalized Rate of Return Required Revenue Shift (1,997,310) Winter Energy Revenue per kWh Solution Soluti	Required Winter-Summer Revenue Shifts to Equalize Rates State Base State Sta	Required Winter-Summer Revenue Shifts to Equalize Rates S,162,478 S,113,199 S,275,677 Rate Base S,160,54,643 S6,532,797 202,587,440 Rate of Return S,160,54,643 S6,532,797 202,587,440 Required Rate of Return S,240,821 S,534,856 S,275,677 Rate of Return S,240,826 S,275,677 Required Revenue Shift S,240,826 S,240,826	Required Winter-Summer Revenue Shifts to Equalize Rates of Return Net Operating Income

¹ Test year winter kWh by schedule and rate block were provided in KCP&L-GMO's Response to Data Request MGE-5. Current winter energy charge revenue used in line 16 is calculated based on these kWhs and current rates in Schedule FJC-1B. Line 17 is calculated based on these kWhs, current winter energy charge revenue, and the revenue shift in line 14.

Current Residential Rates: Ameren Missouri and The Empire District Electric Company

				The Empire District Electric
		Ameren Missouri	(7/31/2011)	Company (6/15/11)
			Optional Time of	Company (0/13/11)
Line	Description	Residential Service	Day Rate	General Use
	(a)	(b)	(c)	(g)
1	Rate Sheet	28	28	1
3	Service Charge	8.00	16.81	12.52
4	Energy Charge			
5	Summer			
6	All kWh	0.1059		0.1070
7	Peak - All kWh		0.1539	
8	Off-Peak - All kWh		0.0630	
9	Winter			
10	First 750 kWh	0.07530		
11	Over 750 kWh	0.05020		
12	First 600 kWh			0.1070
13	Over 600 kWh			0.0871

Source: Current rates from Electronic Filing Information System, Missouri Public Service Commission.

Electric Versus Natural Gas Space Heating Prices

Maximum Electric Price (Cents/kWh) Required for Customer Savings With Electric Space Heating Compared to Natural Gas Heating Service From Missouri Gas Energy

Line		Natural Gas						
		Low-Efficiency	Mid-Efficiency	High-Efficiency				
		(a)	(b)	(c)				
1		80%	90%	95%				
2	Electricity							
3	Electric Furnace	1.72	1.52	1.44				
4	Electric Heat Pump ¹							
5	HSPF < 8.5	3.61	3.21	3.04				
6	HSPF > 8.5	3.93	3.49	3.31				

Current Winter Energy Charges (Cents/kWh) - GMO-MPS and GMO-L&P

		General Use	Electric Space Heating
		(a)	(b)
7	GMO-MPS		
8	First 600 kWh	10.88	10.88
9	Next 400 kWh	7.45	5.86
10	Excess	7.45	4.85
10	GMO-L&P		
11	First 650 kWh	9.93	
12	Over 650 kWh	7.31	
13	First 1000 kWh		7.76
14	Over 1000 kWh		5.21

¹ Heating Season Performance Factors ("HSPF") and resulting efficiencies are for Kansas City in EIA's Heating Fuel Comparison Calculator.

Average Annual Number of Residential Customers - GMO-MPS and GMO-L&P

Average Number Based on Monthly Actual Customer Counts¹

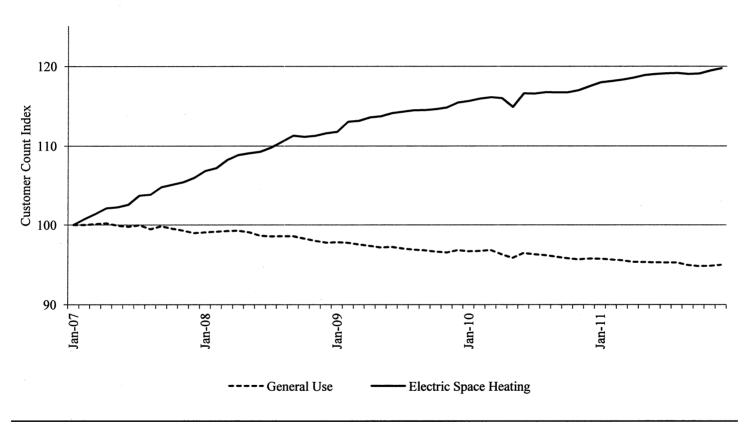
Line	Description	2007	2008 ²	2009	2010	2011
	(a)	(b)		(c)	(d)	(e)
	GMO-MPS					
1	Number of Customers					
2	General Use	145,230	143,731	141,504	140,180	138,777
3	Space Heating	65,026	69,033	71,810	73,344	74,940
4	Other Use	234	491	533	645	726
5	Time of Day	-	-	-	-	-
6	Change in Number of Customers					
	From Prior Period					
7	General Use		(1,499)	(2,227)	(1,324)	(1,403)
8	Space Heat		4,007	2,777	1,534	1,596
9	Other Use		257	42	112	81
10	Time of Day		-	-	-	-
11	GMO-L&P					
12	Number of Customers					
13	General Use	37,144	36,888	36,615	36,183	35,664
14	Space Heating	17,664	18,343	19,042	19,367	19,601
15	Water/Space Heating - Separate Meter	80	73	64	56	51
16	Other Use	1,847	1,886	1,936	1,964	1,952
17	Change in Number of Customers					
18	From Prior Period					•
19	General Use		(256)	(273)	(432)	(519)
20	Space Heating		679	699	325	234
21	Water/Space Heating - Separate Meter		(7)	(9)	(8)	(5)
22	Other Use		39	50	28	(12)

¹ Customer counts by month provided in KCP&L-GMO's Response to Data Request MGE-6 and Data Request MGE-7.

² Eleven month average excluding August 2008, a month with customer counts for each schedule that appear incomplete.

Kansas City Power & Light Company
Case No. ER-2012-0175

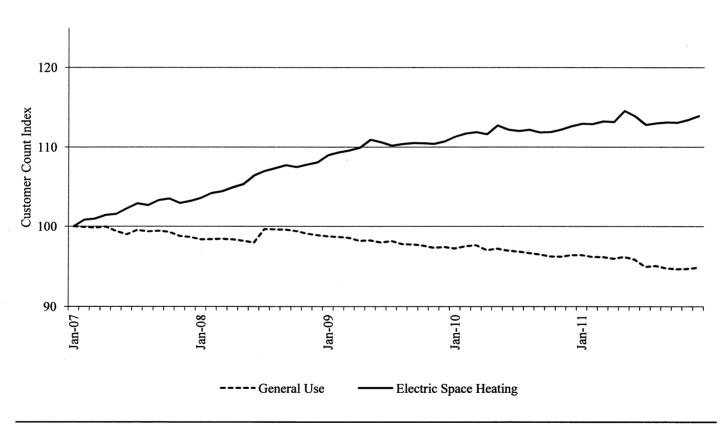
Residential General Use and Space Electric Heating Monthly Customer Count Indexes - GMO-MPS
(January 2007 Customers = 100)



Source: KCP&L-GMO's Response to MGE Data Request MGE-6. August 2008 index is average of July 2008 and September 2008 indexes.

Kansas City Power & Light Company
Case No. ER-2012-0175

Residential General Use and Space Electric Heating Monthly Customer Count Indexes - GMO-L&P
(January 2007 Customers = 100)



Source: KCP&L-GMO's Response to MGE Data Request MGE-6. August 2008 index is average of July 2008 and September 2008 indexes.

Average Annual Number of Residential Customers - GMO-MPS and GMO-L&P

Average Number From KCP&L-GMO Rate Case Applications²

Line	e Description	2002	2004	2005	2007	2009 Test Year (12/31/2010)	Test Year Ending 9/30/2011
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	GMO-MPS						
1	Number of Customers						
2	General Use	146,936	146,900	146,460	145,121	141,854	138,936
. 3	Space Heating	42,051	51,853	58,046	65,386	72,036	74,478
4	Other Use	-	-	New	251	538	706
5	Time of Day	-	-	-	-	-	-
6	Change in Number of Customers						
	From Prior Period						
7	General Use		(36)	(440)	(1,339)	(3,267)	(2,918)
8	Space Heat		9,802	6,193	7,340	6,650	2,442
9	Other Use		-	-	251	287	168
10	Time of Day		-	-	-	-	-
11	GMO-L&P						
12	Number of Customers						
13	General Use	40,356	39,467	38,334	37,093	36,537	35,519
14	Space Heating	14,045	15,686	16,429	17,716	19,002	19,389
15	Water/Space Heating - Separate Meter	100	92	89	80	64	51
16	Other Use	1,534	1,672	1,756	1,851	1,932	1,946
17	Change in Number of Customers						
18	From Prior Period			•			
19	General Use		(889)	(1,133)	(1,241)	(556)	(1,018)
20	Space Heating		1,641	743	1,287	1,286	387
21	Water/Space Heating - Separate Meter		(8)	(3)	(9)	(16)	(13)
22	Other Use		138	84	95	81	14

² KCP&L-GMO Application, Case Nos. ER-2004-0034, ER-2005-0436, ER-2007-0004, ER-2009-0090, ER-2010-0356, and ER-2012-0175. For column (f), the date in parentheses is the date through which known and measurable changes are reflected in the test year customer counts as shown in the Application. The KCP&L-GMO Application in Case Nos. ER-2004-0034 and ER-2005-0436 provides separate Residential Electric Water Heating customer counts for 2002 and 2004, respectively. These counts are included with the General Use counts above.

Residential Winter Rates of Return With Illustrative 10 Percent Across-the-Board Revenue Increase - GMO-MPS and GMO-L&P

			Electric	Rate of Return	
Line	Description	General Use	Space Heating	Difference	Sources/Explanation:
	(a)	(b)	(c)	(d)	(e)
	GMO-MPS				
1	Current Revenue	94,702,991	67,282,623		Calculated from KCP&L-GMO's Response to Data Request MGE-4.
2	Current Net Operating Income	14,261,015	6,229,415		Schedule FJC-3A, line 9.
3	Rate Base	226,206,076	190,843,225		Schedule FJC-3A, line 10.
4	Current Rate of Return	6.304%	3.264%	-3.040%	Columns a and b: Line 2/line 3. Column d: Column c - column b.
5	Increased Revenue	9,470,299	6,728,262		Line 1 x 1.10.
6	Net Operating Income with Increase	20,095,761	10,374,765		Line $2 + \text{line } 5 \times (1 - \text{tax rate})$, where the tax rate is 38.389% .
7	Rate of Return With Revenue Increase	8.884%	5.436%	-3.448%	Columns a and b: Line 6/line 3. Column d: Column c - column b.
	GMO-L&P				
8	Current Revenue	22,945,801	19,803,618		Calculated from KCP&L-GMO's Response to Data Request MGE-5.
9	Current Net Operating Income	3,366,480	1,710,473		Schedule FJC-3B, line 9.
10	Rate Base	52,286,960	62,114,773		Schedule FJC-3B, line 10.
11	Current Rate of Return	6.438%	2.754%	-3.685%	Columns a and b: Line 9/line 10. Column d: Column c - column b.
12	Increased Revenue	2,294,580	1,980,362		Line 8 x 1.10.
13	Net Operating Income with Increase	4,780,194	2,930,594		Line $9 + \text{line } 12 \times (1 - \text{tax rate})$, where the tax rate is 38.389% .
14	Rate of Return With Revenue Increase	9.142%	4.718%	-4.424%	Columns a and b: Line 13/line 10. Column d: Column c - column b.

Recommended Residential Rates at Current Revenue -GMO-MPS

			Electric Space				
Line	Description	General Use	Heating	Other	Time of Day	All Classes	Source /Explanation
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
. 1	Required Revenue Shift						
2	Winter	(3,409,168)	6,541,217	(37,811)	-	3,094,238	Schedule FJC-3A, line 14.
3	Summer					(3,094,238)	Schedule FJC-3A, line 7, column c.
4	kWh						
5	Winter	867,956,909	822,122,958	1,536,008	-	1,691,615,876	Lines 5-6: KCP&L-GMO's Response to Data Request MGE-4.
6	Summer	673,387,974	402,974,807	622,500	-	1,076,985,281	
7	Total	1,541,344,884	1,225,097,765	2,158,508	-	2,768,601,157	Line 5 + line 6.
8	Revenue Shift/kWh		· · · · · · · · · · · · · · · · · · ·			-	
9	Winter	(0.0039)	0.0080	(0.0246)	-		Line 2/line 5.
10	Recommended Rates at Current						
	Revenue After Revenue Shift						
11	Service Charge	10.43	10.43	17.18	18.46		Schedule FJC-1A, line 2.
12	Winter Energy Charges						
13	Peak				0.1275		Line 9 + Schedule FJC-1A, line 17.
14	Off-Peak				0.0509		Line 9 + Schedule FJC-1A, line 18.
15	All kWh			0.0809			Line 9 + Schedule FJC-1A, line 19.
16	Eliminate Electric Space Heating					•	
17	First 600 kWh	0.1147					Lines 17-19: General Use and Electric Space
18	Next 400 kWh	0.0645					Heating consolidated with General Use, based on
19	Excess	0.0544					Schedule FJC-1A current rates incorporating line 9.
20	Retain Electric Space Heat ¹						
21	First 600 kWh	0.1049	0.1049				Lines 21-23: Schedule FJC-1A current rates +
22	Next 400 kWh	0.0706	0.0706				line 9, with adjustment to Space Heating first two
23	Excess	0.0706	0.0660				blocks to maintain same rate as General Use.
24	Summer Energy Charge Change					(0.0029)	Apply to all Schedule FJC-1A summer energy charges.

Applying the revenue shift per kWh would result in a higher first block rate for General Use than for Electric Space Heating. The rates shown maintain the current identical first two block rates in the two schedules.

Recommended Residential Rates at Current Revenue - GMO-L&P

Space/Water Heating -

				Space, water			
			Electric Space	Heating -			·
Line	Description	General Use	Heating	Separate Meter	Other	All Classes	Source /Explanation
,	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Recommended Revenue Shift						
2	Winter ¹	(1,995,644)	1,342,146	(1,666)	(29,223)	(684,386)	Schedule FJC-3b, line 14.
3	Summer					684,386	Schedule FJC-3B, line 7, column c.
4	kWh						
5	Winter	225,037,870	283,941,424	246,045	4,952,970	514,178,309	Lines 5-6: KCP&L-GMO's Response to Data Request MGE-5.
6	Summer	151,550,340	97,162,802	85,009	1,279,677	250,077,828	
7	Total	376,588,210	381,104,226	331,054	6,232,647	764,256,137	Line 5 + line 6.
8	Revenue Shift/kWh						
9	Winter	(0.0089)	0.0047	(0.0068)	(0.0059)		Line 2/line 5.
10	Recommended Rates at Current						•
	Revenue After Revenue Shift						
11	Service Charge	9.75	9.75	5.21	10.75		Schedule FJC-1B, line 3.
12	Winter Energy Charges						
13	All kWh				0.1135		Line 9 + Schedule FJC-1B, line 12.
14	Eliminate Electric Space Heating						
15	All kWh ²	0.0742					Consolidated column (b) through (d) schedules based
							on Schedule FJC-1A current rates incorporating line 9.
16	Retain Electric Space Heat						
17	First 650 kWh	0.0904					Lines 17-21: Schedule FJC-1B current rates +
18	Over 650 kWh	0.0642					line 9.
19	First 1000 kWh		0.0823				
20	Over 1000 kWh		0.0568				
21	All kWh			0.0551			
22	Summer Energy Charge Change					0.0027	Apply to all Schedule FJC-1B summer energy charges.

The Electric Space Heating revenue shift in Schedule FJC-6B is spread to the two Electric Space Heating schedules in columns c and d based on relative winter energy charge revenue at current rates.

² It is not possible to consolidate the schedules and maintain a declining block structure because necessary billing determinants were not provided by KCP&L-GMO in Response to MGE 2-1.

Energy Charge Changes With Assumed Base Revenue Change - GMO-MPS

Line	Description	Winter	Summer	Annual	Sources/Explanation
	(a)	(b)	(c)	(d)	(e)
1	Equalized Seasonal Return				
-	at Current Revenue				
2	Required Net Operating Income	22,440,490	19,373,832	41,814,322	Schedule FJC-3A, line 5.
3	Rate Base	417,428,279	360,383,630	777,811,909	Schedule FJC-3A, line 3.
4	Current Rate of Return	5.376%	5.376%	5.376%	Line 2/line 3.
5	Assumed Base Revenue Change			7,723,451	Assumed base revenue change, or about one-third of request.
6	Resulting Net Operating Income			46,572,817	Line $1 + \text{line } 4 \times (1 - \text{tax rate})$, where the tax rate is 38.389%.
7	Resulting Rate of Return			5.988%	Line 6/line 2.
8	Revenue Change to Maintain				
	Equalized Seasonal Returns	4,144,944	3,578,507		(Line 7, column d x line 3 - line 2) x 1/(1 - tax rate).
9	Resulting Rate of Return	5.988%	5.988%		(Line 8 x (1 - tax rate) + line 1)/line 3.
10	Service Charge Revenue Change	533,916	266,507		Assumed 3% increase in all service charges.
11	Required Energy Charge Revenue				
	Change	3,611,028	3,312,000		Line 8 - line 10.
12	Energy Charge Change	0.0021	0.0031		Column b: Line 12, column b/Schedule FJC-8A, line 5, column f.
•					Column c: Line 12, column c/Schedule FJC-8A, line 6, column f.

Energy Charge Changes With Assumed Base Revenue Change - GMO-L&P

Line	Description	Winter	Summer	Annual	Sources/Explanation
	(a)	(b)	(c)	(d)	(e)
1	Equalized Seasonal Return				
	at Current Revenue				
2	Required Net Operating Income	4,740,821	3,534,856	8,275,677	Schedule FJC-3B, line 5.
3	Rate Base	116,054,643	86,532,797	202,587,440	Schedule FJC-3B, line 3.
4	Current Rate of Return	4.085%	4.085%	4.085%	Line 2/line 3.
5	Assumed Base Revenue Change			4,000,000	Assumed base revenue change, or about one-third of request.
6	Resulting Net Operating Income		•	10,740,117	Line 1 + line 4 x (1 - tax rate), where the tax rate is 38.389%.
7	Resulting Rate of Return			5.301%	Line 6/line 2.
8	Revenue Change to Maintain				
	Equalized Seasonal Returns	2,291,448	1,708,552		(Line 7, column d x line 3 - line 2) x 1/(1 - tax rate).
9	Resulting Rate of Return	5.301%	5.301%		(Line 8 x (1 - tax rate) + line 1)/line 3.
10	Service Charge Revenue Change	179,618	89,727		Assumed 4% increase in all service charges.
11	Required Energy Charge Revenue				
	Change	2,111,830	1,618,825		Line 8 - line 10.
10	Energy Charge Change	0.0041	0.0068		Column b. Line 8, column b/Schedule FJC-8B, line 5, column f.
					Column c: Line 8, column c/Schedule FJC-8B, line 6, column f.