

Individual Responsible: Charles Rea

LGS Rate Design
Final Model

Line	Billing Determinants (a)	Total (b)	Summer (c)	Winter (d)	Source
1	Customer Bills	263	---	---	
2	Billing Demand	148,953	47,694	101,259	Standard billing determinants are taken from Tab BD-4, Line 5.
3	Sales - 1st 200 Hours	25,710,425	9,545,160	16,165,265	
4	Sales - Next 200 Hours	21,648,339	8,031,905	13,616,434	
5	Sales - Over 400 Hours	8,426,682	3,029,621	5,397,061	
6	Transformer Credits	-	---	---	
7	kVar Demand	16,937	---	---	
8	Total kWh	55,785,446	20,606,686	35,178,760	
9	Summer - On Peak	3,531,295			
10	Summer - Normal	9,148,217			
11	Summer - Off Peak	7,927,173			
12	Winter - Normal	21,375,857			
13	Winter - Off Peak	13,802,903			

Line	Cost Category (a)	Summer (b)	Winter (c)	Total (d)	Summer On Peak (e)	Summer Normal (f)	Summer Off Peak (g)	Winter Normal (h)	Winter Off Peak (i)
14	Generation Capacity (Demand) - Summer Only	\$ -	\$ -	\$ -	---	---	---	---	---
15	Generation Capacity (Demand) - All Seasons	\$ -	\$ -	\$ -	---	---	---	---	---
16	Generation Capacity (Energy) - Summer Only	\$ 0	\$ -	\$ 0	\$ 0	\$ 0	\$ 0	---	---
17	Generation Capacity (Energy) - All Seasons	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
18	Generation Energy	\$ 1,210,720	\$ 1,254,518	\$ 2,465,238	\$ 434,327	\$ 531,081	\$ 245,312	\$ 811,858	\$ 442,660
19	Transmission	\$ 73,357	\$ 125,283	\$ 198,640	---	---	---	---	---
20	Distribution - Demand	\$ 94,201	\$ 199,999	\$ 294,200	---	---	---	---	---
21	Distribution - Customer Charge	---	---	\$ 46,025	---	---	---	---	---
22	Transformer Credits	---	---	-	---	---	---	---	---
23	kVar Demand	---	---	\$ 8,469	---	---	---	---	---
24	Cost of Service Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Total	\$ 1,378,279	\$ 1,579,800	\$ 3,012,572	\$ 434,327	\$ 531,081	\$ 245,312	\$ 811,858	\$ 442,660

- (1) - costs are calculated as Tab CLS1-2, Line 55, Column (q) multiplied by Line 26, Column (b) multiplied by Line 27, Column (b).
- (2) - costs are calculated as Tab CLS1-2, Line 55, Column (q) multiplied by (1 - Line 26, Column (b)) multiplied by Line 27, Column (b) and assigned to season based on billing demands.
- (3) - costs are calculated as Tab CLS1-2, Line 55, Column (q) multiplied by Line 26, Column (b) multiplied by (1 - Line 27, Column (b)) and are assigned to TOU period based on probability of peak.
- (4) - costs are calculated as Tab CLS1-2, Line 55, Column (q) multiplied by (1 - Line 26, Column (b)) multiplied by (1 - Line 27, Column (b)) and assigned to season based on sales.
- (5) - costs are taken directly from Tab CLS1-2, Lines 53-54, 62-64, and 68-69, Column (q).
- (6) - costs are taken directly from Tab CLS1-2, Lines 56-57, Column (q) and are assigned to season based on billing demand.
- (7) - costs are calculated as Tab CLS1-2, Lines 58-59, Column (q) less Lines 21-23, Column (d) and assigned to season based on billing demand.
- (8) - Line 31, Column (d)
- (9) - Line 40, Column (d)
- (10) - Line 41, Column (d)
- (11) - cost of service adjustment is taken from Exhibit CBR 1.1, Schedule C, Line 25 and assigned to season based on Line 18.

26	Generation Capacity - Summer Only	21%	User defined
27	Generation Capacity - Demand Related	0%	User defined
28	Customer Charge	\$ 175.00	Price is user defined.
29	Transformer Credits	\$ (0.30)	Price is user defined.
30	kVar Demand	\$ 0.50	Price is user defined.

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STATEMENT O WORKPAPER - Tab RD1-4 (LS)
Large General Service Rate Design
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

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Final Model

Line	Standard Rates	Price	Volume	Revenue	
	(a)	(b)	(c)	(d)	
31	Customer Charge	\$ 175.00	263 \$	46,025	Price is user defined
32	Summer Demand	\$ 3.51	47,694 \$	167,406	(Lines 14 + 15 + 19 + 20, Column (b)) divided by Line 2, Column (c)
33	Summer Energy - 1st 200 Hours	\$ 0.06494	9,545,160 \$	619,863	Line 46, Column (b) multiplied by Line 43, Column (b)
34	Summer Energy - Next 200 Hours	\$ 0.05520	8,031,905 \$	443,361	Line 46, Column (b) multiplied by Line 44, Column (b)
35	Summer Energy - Over 400 Hours	\$ 0.04870	3,029,621 \$	147,543	Line 46, Column (b) multiplied by Line 45, Column (b)
36	Winter Demand	\$ 3.21	101,259 \$	325,041	(Lines 14 + 15 + 19 + 20, Column (b)) divided by Line 2, Column (d)
37	Winter Energy - 1st 200 Hours	\$ 0.03642	16,165,265 \$	588,739	Line 46, Column (c) multiplied by Line 43, Column (c)
38	Winter Energy - Next 200 Hours	\$ 0.03533	13,616,434 \$	481,069	Line 46, Column (c) multiplied by Line 44, Column (c)
39	Winter Energy - Over 400 Hours	\$ 0.03423	5,397,061 \$	184,741	Line 46, Column (c) multiplied by Line 45, Column (c)
40	Transformer Credits	\$ (0.30)	- \$	-	Price is user defined
41	kVar Demand	\$ 0.50	16,937 \$	8,469	Price is user defined
42	Total		55,785,446 \$	3,012,256	(316) variance from COS
		Summer	Winter		
43	Block 1 Ratio	1.00	1.00		Price ratio is user defined
44	Block 2 Ratio	0.85	0.97		Price ratio is user defined
45	Block 3 Ratio	0.75	0.94		Price ratio is user defined
46	Multiplier	0.06494	0.03642		(Lines 16 + 17 + 18 + 24) / (sumproducts of the seasonal block ratios and the seasonal block sales).

Line	Time of Use Rates	Price	Volume	Revenue	
	(a)	(b)	(c)	(d)	
47	Customer Charge	\$ 175.00	263 \$	46,025	Line 31
48	Summer Demand - Normal	\$ 3.51	47,694 \$	167,406	Line 32
49	Summer - On Peak	\$ 0.12299	3,531,295 \$	434,314	Price is calculated as Line 25, Column (e) divided by Line 9, column (b).
50	Summer - Normal	\$ 0.05805	9,148,217 \$	531,054	Price is calculated as Line 25, Column (f) divided by Line 10, column (b).
51	Summer - Off Peak	\$ 0.03095	7,927,173 \$	245,346	Price is calculated as Line 25, Column (g) divided by Line 11, column (b).
52	Winter Demand - Normal	\$ 3.21	101,259 \$	325,041	Line 36
53	Winter - Normal	\$ 0.03798	21,375,857 \$	811,855	Price is calculated as Line 25, Column (h) divided by Line 12, column (b).
54	Winter - Off Peak	\$ 0.03207	13,802,903 \$	442,659	Price is calculated as Line 25, Column (i) divided by Line 13, column (b).
55	Transformer Credits	\$ (0.30)	- \$	-	Line 40
56	kVar Demand	\$ 0.50	16,937 \$	8,469	Line 41
57	Total		55,785,445 \$	3,012,169	(403) variance from COS