

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab RD1-2 (GE)
 Small General Service Energy Rate Design
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

General Service Energy Rate Design
 Final Model

Line	Billing Determinants (a)	Total (b)	Summer (c)	Winter (d)	Source
1	Customer Bills	7,426	---	---	Standard billing determinants are taken from Tab BD-2, Line 7.
2	Sales - 1st 5,000 kWh	7,587,750	2,422,512	5,165,239	
3	Sales - Over 5,000 kWh	2,555,991	948,599	1,607,391	
4	Sales - Over 40,000 kWh	124,968	84,260	40,708	
5	Total kWh	10,143,741	3,371,111	6,772,630	
6	Summer - On Peak	733,855			Time of use billing determinants are determined by multiplying summer and winter sales from Lines 5, Column (c) and (d) above by time of use ratios in Tab CLS1-2, Lines 65-67 and 70-71, Column (o).
7	Summer - Normal	1,625,548			
8	Summer - Off Peak	1,011,708			
9	Winter - Normal	4,456,611			
10	Winter - Off Peak	2,316,019			

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)
11	Generation Capacity - Summer Only	\$ 0	\$ -	\$ 0	\$ 0	\$ 0	\$ 0	---	---
12	Generation Capacity - All Seasons	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
13	Generation Energy	\$ 243,319	\$ 244,196	\$ 487,515	\$ 103,994	\$ 105,356	\$ 33,969	\$ 169,204	\$ 74,992
14	Transmission	\$ 18,312	\$ 26,318	\$ 44,631	\$ 14,412	\$ 3,899	\$ 1	\$ 24,625	\$ 1,693
15	Distribution - Volumetric	\$ 47,070	\$ 94,564	\$ 141,634	\$ 10,247	\$ 22,697	\$ 14,126	\$ 62,226	\$ 32,338
16	Distribution - Customer Charge	---	---	\$ 76,358	---	---	---	---	---
17	Cost of Service Adjustment	\$ 9,902	\$ 9,938	\$ 19,840	\$ 4,232	\$ 4,288	\$ 1,382	\$ 6,886	\$ 3,052
18	Sales Growth Adjustment	\$ (3,207)	---	\$ (3,207)	\$ (2,524)	\$ (683)	\$ (0)	---	---
19	Total	\$ 315,396	\$ 375,016	\$ 766,770	\$ 130,361	\$ 135,557	\$ 49,478	\$ 262,941	\$ 112,075

20 Generation Capacity - Summer Only **21%** User defined

- (1) - costs are calculated as Tab CLS1-2, Line 55, Column (o) multiplied by Line 20, Column (b) and are assigned to TOU period based on probability of peak (Tab ALO-5, Lines 106-108, Column (e)).
- (2) - costs are calculated as Tab CLS1-2, Line 55, Column (o) less Line 11, Column (d) and assigned to season and TOU period based on total sales.
- (3) - costs are taken directly from Tab CLS1-2, Lines 53-54, 62-64, and 68-69, Column (o).
- (4) - costs are taken directly from Tab CLS1-2, Lines 56-57, Column (o) and assigned to TOU period based on probability of peak (Tab ALO-5, Lines 106-108 and 110-111, Column (e)).
- (5) - costs are calculated as Tab CLS1-2, Lines 58-59, Column (o) less Line 16, Column (d) and assigned to season and TOU period based on total sales.
- (6) - Line 21 + 26 + 27, Column (d).
- (7) - cost of service adjustment is taken from Exhibit CBR 1.1, Schedule C, Line 25 and assigned to season based on Line 13.
- (8) - sales growth adjustments are taken from Tab BD-2, Column (m) and assigned to the summer season, with assignments to time of use periods based on probability of peak.

Line	Standard Rate (a)	Price (b)	Volume (c)	Revenue (d)	Notes:
21	Customer Charge	\$ 10.00	7,426	\$ 74,260	Price is user defined
22	Summer Energy - 1st 5,000 kWh	\$ 0.09627	2,422,512	\$ 233,215	Price is calculated as Line 19, Column (b) divided by (Line 2, column (c) + Line 29, Column (b) multiplied by Line 3, Column (c)).
23	Summer Energy - Over 5,000 kWh	\$ 0.08664	948,599	\$ 82,187	Price is calculated as Line 22, Column (b) multiplied by Line 29, Column (b).
24	Winter Energy - 1st 5,000 kWh	\$ 0.06118	5,165,239	\$ 316,009	Price is calculated as Line 19, Column (c) divided by (Line 2, Column (d) + Line 30, Column (b) multiplied by Line 3, Column (d)).
25	Winter Energy - Over 5,000 kWh	\$ 0.03671	1,607,391	\$ 59,007	Price is calculated as Line 24, Column (b) multiplied by Line 30, Column (b).
26	Summer Surcharge	\$ 0.01380	84,260	\$ 1,163	(Tab RD1-3, Line 28, Column (b) / 200) + (Tab RD1-3, Line 29, Column (b)) + Line 23, Column (b).
27	Winter Surcharge	\$ 0.02297	40,708	\$ 935	(Tab RD1-3, Line 32, Column (b) / 200) + (Tab RD1-3, Line 33, Column (b)) + Line 25, Column (b).
28	Total		10,143,741	\$ 766,776	\$ 6 variance from COS

29 Summer Step Rate Ratio: **90%** User defined
 30 Winter Step Rate Ratio: **60%** User defined

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Line	Time of Use Rate (a)	Price (b)	Volume (c)	Revenue (d)	Notes:
31	Customer Charge	\$ 10.00	7,426	\$ 74,260	Line 21
32	Summer - On Peak	\$ 0.17764	733,855	\$ 130,362	Price is calculated as Line 19, Column (e) divided by Line 6, column (b).
33	Summer - Normal	\$ 0.08339	1,625,548	\$ 135,554	Price is calculated as Line 19, Column (f) divided by Line 7, column (b).
34	Summer - Off Peak	\$ 0.04891	1,011,708	\$ 49,483	Price is calculated as Line 19, Column (g) divided by Line 8, column (b).
35	Winter - Normal	\$ 0.05900	4,456,611	\$ 262,940	Price is calculated as Line 19, Column (h) divided by Line 9, column (b).
36	Winter - Off Peak	\$ 0.04839	2,316,019	\$ 112,072	Price is calculated as Line 19, Column (i) divided by Line 10, column (b).
37	Summer Surcharge	\$ 0.01380	84,260	\$ 1,163	Line 26
38	Winter Surcharge	\$ 0.02297	40,708	\$ 935	Line 27
39	Total		10,143,741	\$ 766,769	(1) variance from COS