RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab RD1-3 (GD)
Small General Service Demand Rate Design
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

General Service Demand Rate Design
Final Model

Line	Billing Determinants	Total	Summer	Winter	Source
	(a)	(b)	(c)	(d)	
1	Customer Bills	2,171	---	---	Standard billing determinants are taken from
2	Billing Demand	84,020	28,766	55,254	Tab BD-3, Line 3.
3	Sales - 1st 200 Hours	15,402,711	5,191,190	10,211,521	
4	Sales - Next 200 Hours	8,781,878	2,967,246	5,814,632	
5	Sales - Over 400 Hours	2,083,333	688,506	1,394,827	
6	Transformer Credits	-	---	---	
7	Total kWh	26,267,922	8,846,942	17,420,980	
8	Summer - On Peak	1,649,985			Time of use billing determinants are determined by multiplying
9	Summer - Normal	4,117,421			summer and winter sales from Lines 7, Column (c) and (d) above by time of use ratios in
10	Summer - Off Peak	3,079,536			Tab CLS1-2, Lines 65-67 and 70-71, Column (p).
11	Winter - Normal	10,890,515			
12	Winter - Off Peak	6,530,465			

Line	Cost Category	Summer	Winter	Total	Summer On Peak	Summer Normal	Summer Off Peak	Winter Normal	Winter Off Peak	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
13	Generation Capacity (Demand) - Summer Only	$ -	$ -	$ -	---	---	---	---	---	(1)
14	Generation Capacity (Demand) - All Seasons	$ -	$ -	$ -	---	---	---	---	---	(2)
15	Generation Capacity (Energy) - Summer Only	$ 0	$ -	$ 0	$ 0	$ 0	$ 0	---	---	(3)
16	Generation Capacity (Energy) - All Seasons	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	(4)
17	Generation Energy	$ 608,094	$ 610,801	$ 1,218,895	$ 233,641	$ 268,572	$ 105,881	$ 404,763	$ 206,039	(5)
18	Transmission	$ 41,054	$ 66,572	$ 107,626	---	---	---	---	---	(6)
19	Distribution - Demand	$ 97,824	$ 187,901	$ 285,724	---	---	---	---	---	(7)
20	Distribution - Customer Charge	---	---	$ 43,420	---	---	---	---	---	(8)
21	Distribution - Transformer Credits	---	---	$ -	---	---	---	---	---	(9)
22	Cost of Service Adjustment	$ 21,846	$ 21,943	**$ 43,789**	$ 8,394	$ 9,648	$ 3,804	$ 14,541	$ 7,402	(10)
23	Sales Growth Adjustment	$ (2,107)	$ (4,150)	$ (6,257)	$ (393)	$ (981)	$ (734)	$ (2,594)	$ (1,556)	(11)
24	Total	$ 766,710	$ 883,068	$ 1,693,198	$ 241,641	$ 277,240	$ 108,951	$ 416,710	$ 211,885	
25	Generation Capacity - Summer Only	**21%**								
26	Generation Capacity - Demand Related	**0%**								

(1) - costs are calculated as Tab CLS1-2, Line 55, Column (p) multiplied by Line 25, Column (b) multiplied by Line 26, Column (b).
(2) - costs are calculated as Tab CLS1-2, Line 55, Column (p) multiplied by (1 - Line 25, Column (b)) multiplied by Line 26, Column (b) and assigned to season based on billing demands.
(3) - costs are calculated as Tab CLS1-2, Line 55, Column (p) multiplied by Line 25, Column (b) multiplied by (1 - Line 26, Column (b)) and are assigned to TOU period based on probability of peak (Tab ALO-5, Lines 106-108, Column (e).
(4) - costs are calculated as Tab CLS1-2, Line 55, Column (p) multiplied by (1 - Line 25, Column (b)) multiplied by (1 - Line 26, Column (b)) and assigned to season and TOU period based on sales.
(5) - costs are taken directly from Tab CLS1-2, Lines 53-54, 62-64, and 68-69, Column (p).
(6) - costs are taken directly from Tab CLS1-2, Lines 56-57, Column (p) and assigned to season based on billing demand.
(7) - costs are calculated as Tab CLS1-2, Lines 58-59, Column (p) less Lines 20 and 21, Column (d) and assigned to season based on billing demand.
(8) - Line 27, Column (d).
(9) - Line 36, Column (d).
(10) - cost of service adjustment is taken from Exhibit CBR 1.1, Schedule C, Line 25 and assigned to season based on Line 17.
(11) - sales growth adjustments are taken from Tab BD-3, Column (p) and assigned to time of use periods based on sales.

Line	Standard Rate	Price	Volume	Revenue	Notes:
	(a)	(b)	(c)	(d)	
27	Customer Charge	**$ 20.00**	2,171	$ 43,420	Price is user defined
28	Summer Demand	$ 4.83	28,766	$ 138,940	(Lines 13 + 14 + 18 + 19, Column (b)) divided by Line 2, Column (c)

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29	Summer Energy - 1st 200 Hours	$	0.07629	5,191,190	$	396,036	Line 41, Column (b) multiplied by Line 38, Column (b)	
30	Summer Energy - Next 200 Hours	$	0.06485	2,967,246	$	192,426	Line 41, Column (b) multiplied by Line 39, Column (b)	
31	Summer Energy - Over 400 Hours	$	0.05722	688,506	$	39,396	Line 41, Column (b) multiplied by Line 40, Column (b)	
32	Winter Demand	$	4.61	55,254	$	254,721	(Lines 13 + 14 + 18 + 19, Column (c)) divided by Line 2, Column (d)	
33	Winter Energy - 1st 200 Hours	$	0.03663	10,211,521	$	374,048	Line 41, Column (c) multiplied by Line 38, Column (c)	
34	Winter Energy - Next 200 Hours	$	0.03553	5,814,632	$	206,594	Line 41, Column (c) multiplied by Line 39, Column (c)	
35	Winter Energy - Over 400 Hours	$	0.03443	1,394,827	$	48,024	Line 41, Column (c) multiplied by Line 40, Column (c)	
36	Transformer Credits	**$**	**(0.30)**	-	$	-	Price is user defined	
37	Total			26,267,922	$	1,693,605	$ 407	variance from COS

		Summer	Winter	
38	Block 1 Ratio	**1.00**	**1.00**	Price ratio is user defined
39	Block 2 Ratio	**0.85**	**0.97**	Price ratio is user defined
40	Block 3 Ratio	**0.75**	**0.94**	Price ratio is user defined
41	Multiplier	0.07629	0.03663	(Lines 15 + 16 + 17 + 22 + 23) / (sumproducts of the seasonal block ratios and the seasonal block sales).

Line	Time of Use Rate		Price	Volume		Revenue	Notes:	
	(a)		(b)	(c)		(d)		
42	Customer Charge	$	20.00	2,171	$	43,420	Line 27	
43	Summer Demand	$	4.83	28,766	$	138,940	Line 28	
44	Summer - On Peak	$	0.14645	1,649,985	$	241,640	Price is calculated as Line 24, Column (e) divided by Line 8, column (b).	
45	Summer - Normal	$	0.06733	4,117,421	$	277,226	Price is calculated as Line 24, Column (f) divided by Line 9, column (b).	
46	Summer - Off Peak	$	0.03538	3,079,536	$	108,954	Price is calculated as Line 24, Column (g) divided by Line 10, column (b).	
47	Winter Demand	$	4.61	55,254	$	254,721	Line 32	
48	Winter - Normal	$	0.03826	10,890,515	$	416,671	Price is calculated as Line 24, Column (h) divided by Line 11, column (b).	
49	Winter - Off Peak	$	0.03245	6,530,465	$	211,914	Price is calculated as Line 24, Column (i) divided by Line 12, column (b).	
50	Transformer Credits	$	(0.30)	-	$	-	Line 36	
51	Total			26,267,922	$	1,693,486	$ 288	variance from COS