RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab RD1-5 (VLS)
Very Large General Service Rate Design
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

VLGS Rate Design
Final Model

Line	Billing Determinants	Total	Summer	Winter	Source
	(a)	(b)	(c)	(d)	
1	Customer Bills	24	---	---	
2	Billing Demand	120,233	43,070	77,163	Standard billing determinants are taken from Tab BD-5, Line 2.
3	Sales - 1st 200 Hours	24,050,727	8,548,400	15,502,327	
4	Sales - Next 200 Hours	23,711,689	8,548,400	15,163,289	
5	Sales - Over 400 Hours	24,294,944	9,267,761	15,027,183	
6	Transformer Credits	-	---	---	
7	kVar Demand	12,312	---	---	
8	Total kWh	72,057,360	26,364,561	45,692,799	
9	Summer - On Peak	3,932,860			Time of use billing determinants are determined by multiplying
10	Summer - Normal	11,529,870			summer and winter sales from Lines 8, Column (c) and (d)
11	Summer - Off Peak	10,901,831			above by time of use ratios in Tab CLS1-2,
12	Winter - Normal	26,593,225			Lines 65-67 and 70-71, Column (k).
13	Winter - Off Peak	19,099,574			

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)	
14	Generation Capacity (Demand) - Summer Only	$ -	$ -	$ -	---	---	---	---	---	(1)
15	Generation Capacity (Demand) - All Seasons	$ -	$ -	$ -	---	---	---	---	---	(2)
16	Generation Capacity (Energy) - Summer Only	$ -	$ -	$ -	$ -	$ -	$ -	---	---	(3)
17	Generation Capacity (Energy) - All Seasons	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	(4)
18	Generation Energy	$ 1,516,859	$ 1,554,213	$ 3,071,072	$ 500,784	$ 672,101	$ 343,974	$ 969,939	$ 584,274	(5)
19	Transmission	$ 84,609	$ 135,008	$ 219,617	---	---	---	---	---	(6)
20	Distribution - Demand	$ 43,146	$ 77,300	$ 120,446	---	---	---	---	---	(7)
21	Distribution - Customer Charge	---	---	$ 4,200	---	---	---	---	---	(8)
22	Transformer Credits	---	---	$ -	---	---	---	---	---	(9)
23	kVar Demand	---	---	$ 6,156	---	---	---	---	---	(10)
24	Cost of Service Adjustment	$ (86,513)	$ (88,643)	$ (175,156)	$ (28,562)	$ (38,333)	$ (19,618)	$ (55,320)	$ (33,324)	(11)
25	Total	$ 1,558,102	$ 1,677,878	$ 3,246,336	$ 472,222	$ 633,768	$ 324,356	$ 914,620	$ 550,950	

(1) - costs are calculated as Tab CLS1-2, Line 55, Column (k) multiplied by Line 26, Column (b) multiplied by Line 27, Column (b).
(2) - costs are calculated as Tab CLS1-2, Line 55, Column (k) 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 (k) 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 (k) 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 (k).
(6) - costs are taken directly from Tab CLS1-2, Lines 56-57, Column (k) and are assigned to season based on billing demand.
(7) - costs are calculated as Tab CLS1-2, Lines 58-59, Column (k) 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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Line	Standard Rates		Price	Volume		Revenue	
	(a)		(b)	(c)		(d)	
31	Customer Charge	$	175.00	24	$	4,200	Price is user defined
32	Summer Demand	$	2.97	43,070	$	127,918	(Lines 14 + 15 + 19 + 20, Column (b)) divided by Line 2, Column (c)
33	Summer Energy - 1st 200 Hours	$	0.06283	8,548,400	$	537,096	Line 46, Column (b) multiplied by Line 43, Column (b)
34	Summer Energy - Next 200 Hours	$	0.05341	8,548,400	$	456,570	Line 46, Column (b) multiplied by Line 44, Column (b)
35	Summer Energy - Over 400 Hours	$	0.04712	9,267,761	$	436,697	Line 46, Column (b) multiplied by Line 45, Column (b)
36	Winter Demand	$	2.75	77,163	$	212,198	(Lines 14 + 15 + 19 + 20, Column (b)) divided by Line 2, Column (d)
37	Winter Energy - 1st 200 Hours	$	0.03306	15,502,327	$	512,507	Line 46, Column (c) multiplied by Line 43, Column (c)
38	Winter Energy - Next 200 Hours	$	0.03206	15,163,289	$	486,135	Line 46, Column (c) multiplied by Line 44, Column (c)
39	Winter Energy - Over 400 Hours	$	0.03107	15,027,183	$	466,895	Line 46, Column (c) multiplied by Line 45, Column (c)
40	Transformer Credits	$	(0.30)	-	$	-	Price is user defined
41	kVar Demand	$	0.50	12,312	$	6,156	Price is user defined
42	Total			72,057,360	$	3,246,372	
						36	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		0.06283	0.03306			(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	24	$	4,200	Line 31
48	Summer Demand - Normal	$	2.97	43,070	$	127,918	Line 32
49	Summer - On Peak	$	0.12007	3,932,860	$	472,219	Price is calculated as Line 25, Column (e) divided by Line 9, column (b).
50	Summer - Normal	$	0.05497	11,529,870	$	633,797	Price is calculated as Line 25, Column (f) divided by Line 10, column (b).
51	Summer - Off Peak	$	0.02975	10,901,831	$	324,329	Price is calculated as Line 25, Column (g) divided by Line 11, column (b).
52	Winter Demand - Normal	$	2.75	77,163	$	212,198	Line 36
53	Winter - Normal	$	0.03439	26,593,225	$	914,541	Price is calculated as Line 25, Column (h) divided by Line 12, column (b).
54	Winter - Off Peak	$	0.02885	19,099,574	$	551,023	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	12,312	$	6,156	Line 41
57	Total			72,057,360	$	3,246,381	
					$	45	variance from COS