RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-2 (Class Allocators)
Class Allocations
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

I. Generation Allocator (HCM)

Line		Residential Base	Residential Heat	SGS Demand Base	SGS Demand Heat	SGS Energy Base	SGS Energy Heat	LGS Base	LGS Heat	VLGS	Lighting
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Market Energy Cost - Meter Level	$ 1,718,045	$ 677,261	$ 829,137	$ 318,686	$ 397,865	$ 61,223	$ 2,238,079	$ 124,803	$ 3,004,616	$ 58,244
2	Market Energy Cost - Loss Adjusted	$ 1,824,392	$ 719,184	$ 880,461	$ 338,413	$ 422,493	$ 65,013	$ 2,334,987	$ 130,207	$ 3,071,018	$ 61,850
3	Capacity Cost - Meter Level	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
4	Capacity Cost - Loss Adjusted	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
5	Total Generation Cost	$ 1,824,392	$ 719,184	$ 880,461	$ 338,413	$ 422,493	$ 65,013	$ 2,334,987	$ 130,207	$ 3,071,018	$ 61,850
6	Total Generation Cost - R.R. Adjusted	$ 1,824,424	$ 719,197	$ 880,477	$ 338,419	$ 422,501	$ 65,014	$ 2,335,029	$ 130,209	$ 3,071,072	$ 61,851
7	Allocation	0.18450	0.07273	0.08904	0.03422	0.04273	0.00657	0.23614	0.01317	0.31058	0.00625

8	Revenue Requirement Adjustment	1.0000	Tab CLS1-2 Line 1, Column (b) divided Line 5, Column (l).
9	Energy Price Multiplier for Cost of Service	1.0000	used in Tab CLS1-2, Lines 53-54, 62-64, and 68-69 to calculate total summer and winter generation energy costs in the expanded cost of service section.

II. Transmission Allocator

Line	Date	Month	Hour	Residential Base	Residential Heat	SGS Demand Base	SGS Demand Heat	SGS Energy Base	SGS Energy Heat	LGS Base	LGS Heat	VLGS	Lighting
				(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
10	1/31/2013	1	19	6,274	4,695	2,517	1,372	1,167	332	6,271	514	7,867	418
11	2/1/2013	2	8	4,801	4,877	2,507	1,500	1,350	395	6,770	559	7,869	188
12	3/5/2013	3	19	5,069	3,016	2,284	1,052	917	248	5,997	428	7,711	348
13	4/30/2013	4	15	3,645	957	2,884	889	1,422	149	7,500	405	4,679	-
14	5/14/2013	5	18	6,550	1,828	2,832	970	1,083	147	7,110	400	9,117	-
15	6/26/2013	6	17	8,677	2,080	3,300	1,050	1,688	187	7,698	432	9,858	-
16	7/17/2013	7	16	10,227	2,249	3,663	1,108	2,101	215	8,138	452	10,124	-
17	8/28/2013	8	17	10,763	2,275	3,709	1,101	1,882	205	8,094	452	10,092	-
18	9/9/2013	9	17	10,754	2,263	3,508	1,079	1,785	196	8,067	443	10,072	-
19	10/2/2013	10	17	5,280	1,250	2,872	895	1,500	149	7,633	405	9,992	-
20	11/26/2013	11	18	5,126	2,910	2,457	1,057	1,177	226	6,237	432	8,202	418
21	12/11/2013	12	18	5,586	3,923	2,658	1,283	1,293	315	6,537	490	8,623	418
22	Total - Meter Level			82,752	32,321	35,192	13,354	17,367	2,764	86,051	5,412	104,205	1,790
23	Total - Loss Adjusted			89,670	35,023	38,134	14,470	18,819	2,995	91,343	5,745	107,341	1,940
24	Allocation			0.22041	0.08609	0.09373	0.03557	0.04626	0.00736	0.22452	0.01412	0.26385	0.00477

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I. Generation Allocator (HCM)

Line			Mun. Water Pumping		Total	Notes
			(k)		(l)	
1	Market Energy Cost - Meter Level	$	37,713	$	9,465,672	Sumproduct of Tab ALO-1 Lines 1-8760 in each column by Lines 1-8760, Column (o)
2	Market Energy Cost - Loss Adjusted	$	40,047	$	9,888,064	Line 2 multiplied by Tab CLS1-2, Line 39
3	Capacity Cost - Meter Level	$	-	$	-	Sumproduct of Tab ALO-1 Lines 1-8760 in each column by Lines 1-8784, Column (p)
4	Capacity Cost - Loss Adjusted	$	-	$	-	Line 4 multiplied by Tab CLS1-2, Line 40
5	Total Generation Cost	$	40,047	$	9,888,064	Line 2 + Line 4
6	Total Generation Cost - R.R. Adjusted	$	40,048	$	9,888,240	Line 5 multiplied by Line 8, Column (a)
7	Allocation		0.00405		1.00000	Line 6 for each column divided by Line 6, Column (l). … goes to Tab CLS1-2, Line 28
8	Revenue Requirement Adjustment					
9	Energy Price Multiplier for Cost of Service					

II. Transmission Allocator

Line	Date	Month	Hour	Mun. Water Pumping	Total	Notes
				(k)	(l)	
10	**1/31/2013**	**1**	**19**	91	31,517	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
11	**2/1/2013**	**2**	**8**	89	30,904	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
12	**3/5/2013**	**3**	**19**	92	27,161	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
13	**4/30/2013**	**4**	**15**	103	22,632	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
14	**5/14/2013**	**5**	**18**	118	30,156	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
15	**6/26/2013**	**6**	**17**	124	35,095	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
16	**7/17/2013**	**7**	**16**	136	38,413	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
17	**8/28/2013**	**8**	**17**	117	38,689	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
18	**9/9/2013**	**9**	**17**	101	38,269	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
19	**10/2/2013**	**10**	**17**	98	30,075	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
20	**11/26/2013**	**11**	**18**	88	28,330	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
21	**12/11/2013**	**12**	**18**	87	31,212	Hourly load from Tab ALO-1 in each column as specified by the date, month, and hour in this row.
22	Total - Meter Level			1,245	382,453	Sum of Lines 10 through 21.
23	Total - Loss Adjusted			1,349	406,830	Line 20 multiplied by Tab CLS1-2, Line 40
24	Allocation			0.00332	1.00000	Line 23 for each column divided by Line 23, Column (l) … goes to Tab CLS1-2, Line 29
						note: Sum of Lines 15-18 are used in Tab CLS1-2, Line 56 to calculate total summer transmission costs.

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III. Substation Allocator

Line	Maximum Non-Coincident Demand	Residential Base	Residential Heat	SGS Demand Base	SGS Demand Heat	SGS Energy Base	SGS Energy Heat	LGS Base	LGS Heat	VLGS	Lighting
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
25	Class NCP - Base and Heat Separate	11,477	4,995	3,844	1,500	2,264	411	8,798	559	10,601	418
26	Class NCP - Base and Heat Combined	11,477	2,592	3,839	1,119	2,264	221	8,798	476	10,601	418
27	Total - Meter Level	11,477	2,592	3,839	1,119	2,264	221	8,798	476	10,601	418
28	Total - Loss Adjusted	12,437	2,808	4,160	1,212	2,454	239	9,339	506	10,920	453
29	Allocation	0.27801	0.06278	0.09300	0.02710	0.05485	0.00534	0.20876	0.01131	0.24412	0.01012

IV. Wires Allocator

Line	Maximum Non-Coincident Demand	Residential Base	Residential Heat	SGS Demand Base	SGS Demand Heat	SGS Energy Base	SGS Energy Heat	LGS Base	LGS Heat	VLGS	Lighting
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
30	Total - Meter Level	11,477	2,592	3,839	1,119	2,264	221	8,798	476	10,601	418
31	Total - Loss Adjusted	12,437	2,808	4,160	1,212	2,454	239	9,339	506	10,920	453
32	Three-Phase Adjustment	12,437	2,808	4,160	1,212	2,454	239	9,339	506	-	453
33	Single-Phase Adjustment	12,437	2,808	4,160	1,212	2,454	239	-	-	-	453
34	Three-Phase Allocator	0.36780	0.08305	0.12304	0.03585	0.07256	0.00707	0.27618	0.01496	-	0.01339
35	Single-Phase Allocator	0.52336	0.11818	0.17508	0.05102	0.10325	0.01006	-	-	-	0.01906

III. Substation Allocator

Line	Maximum Non-Coincident Demand	Mun. Water Pumping	Total	Notes
		(k)	(l)	
25	Class NCP - Base and Heat Separate	190	45,057	Maximum value for each coulmn in Tab ALO-1 Lines 1-8760.
26	Class NCP - Base and Heat Combined	190	41,996	Maximum value for each coulmn in Tab ALO-1 Lines 1-8760 on a combined bases for classes with separate base and heat
27	Total - Meter Level	190	41,996	Maximum class demand based on selection in the cost of service summary page for separate/combined A&E (see Tab CLS1-1, Line 4).
28	Total - Loss Adjusted	206	44,734	Line 27 multiplied by Tab CLS1-2, Line 40
29	Allocation	0.00461	1.00000	Line 28 for each column divided by Line 28, Column (l) … goes to Tab CLS1-2, Line 30.

IV. Wires Allocator

Line	Maximum Non-Coincident Demand	Mun. Water Pumping	Total	Notes
		(k)	(l)	
30	Total - Meter Level	190	41,996	Line 27
31	Total - Loss Adjusted	206	44,734	Line 28
32	Three-Phase Adjustment	206	33,814	Line 31 multiplied by Tab CLS1-2, Line 41
33	Single-Phase Adjustment	-	23,763	Line 31 multiplied by Tab CLS1-2, Line 42
34	Three-Phase Allocator	0.00609	1.00000	Line 32 for each column divided by Line 56, Column (l) … goes to Tab CLS1-2, Line 31.
35	Single-Phase Allocator	-	1.00000	Line 33 for each column divided by Line 57, Column (l) … goes to Tab CLS1-2, Line 32.