RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-1 (Design Day Peak)
Design Day Peak Calculations
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. NG14-XXX

Individual Responsible: Charles Rea

Peak Day Calculations Data

Line	Month	Small Volume Total	Medium Volume Total	Large Volume Total	Combined Total	Small Volume Sales Service	Medium Volume Sales Service	Large Volume Sales Service	Combined Sales Service	Calendar HDD 55	Billed HDD 55
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	0									**1,036**	
2	1	14,607,574	5,388,936	2,972,348	22,968,859	14,547,927	4,008,840	114,489	18,671,257	**1,164**	1,100
3	2	13,416,984	5,018,760	3,265,356	21,701,100	13,356,692	3,452,600	129,370	16,938,662	**938**	1,051
4	3	11,800,887	4,517,897	2,875,211	19,193,995	11,749,713	3,171,836	111,051	15,032,600	**851**	895
5	4	9,292,724	3,841,111	3,039,079	16,172,914	9,248,794	2,533,250	108,629	11,890,673	**495**	673
6	5	5,100,485	2,759,054	2,797,458	10,656,997	5,075,217	1,720,197	113,385	6,908,799	**103**	299
7	6	1,854,731	1,390,237	2,334,294	5,579,261	1,844,816	816,377	74,855	2,736,047	**-**	51
8	7	1,537,439	1,048,874	2,020,147	4,606,460	1,532,178	666,765	46,890	2,245,833	**-**	-
9	8	1,417,898	1,060,578	2,087,328	4,565,804	1,413,425	687,972	44,813	2,146,210	**-**	-
10	9	1,171,217	1,019,493	2,079,339	4,270,049	1,166,753	625,571	43,127	1,835,451	**3**	2
11	10	2,620,744	1,439,379	2,181,798	6,241,920	2,609,507	947,413	162,402	3,719,321	**283**	143
12	11	5,146,782	2,824,442	2,920,490	10,891,714	5,122,230	2,020,629	296,635	7,439,494	**695**	489
13	12	12,728,729	4,905,964	3,140,667	20,775,360	12,668,399	3,538,035	242,412	16,448,846	**1,345**	1,020

Line	Month	Small Volume Total	Medium Volume Total	Large Volume Total	Combined Total	Small Volume Sales Service	Medium Volume Sales Service	Large Volume Sales Service	Combined Sales Service	Source
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
14	Slope	11,653	3,822	941	16,416	11,601	2,840	80	14,521	Slope function in Excel for Columns (b)-(i) against Column (k)
15	Intercept	1,169,011	1,112,589	2,194,287	4,475,886	1,163,674	661,906	85,949	1,911,529	Intercept function in Excel for Columns (b)-(i) against Column (k)
16	HDD 80	932,257	305,732	75,261	1,313,250	928,111	227,186	6,386	1,161,683	Line 14 multiplied by 80
17	Base	38,429	36,574	72,133	147,136	38,254	21,759	2,825	62,838	Line 15divided by 30.42 days per month
18	Total	970,686	342,306	147,394	1,460,386	966,365	248,945	9,211	1,224,521	Line 16 + Line 17
19	Average Load	221,085	96,479	86,886	404,451	220,098	66,273	4,077	290,447	Sum of Lines 2-13 divided by 365 days
20	Peak Load	970,686	342,306	147,394	1,460,386	966,365	248,945	9,211	1,224,521	Line 18
21	Peak Allocator	0.66468	0.23439	0.10093	1.00000	0.78918	0.20330	0.00752	1.00000	Line 18 Columns (b)-(d) / Column (e) and Columns (f)-(h) / Column (i)
22	Load Factor	0.22776	0.28185	0.58949						Line 19 divided by Line 20

23	Total Throughput	147,624,434	Sum of Lines 2 through 13
24	Average Daily Throughput	404,451	Line 23 divided by 365 days
25	Peak Throughput	1,460,386	Line 18
26	Load Factor	0.28	Line 24 divided by Line 25

Sources:
Columns (b)-(d) are from Tab SRC-5, Lines 34-36
Columns (f)-(h) are from Tab SRC-5, Lines 37-39
Column (e) is the sum of Columns (b) through (d)
Column (i) is the sum of Columns (f) through (h)
Columns (j)-(k) are taken from weather normalization pro forma workpapers

Destination:
Line 21 goes to Tab CLS1-1, Lines 26 and 28
Line 26 goes to Tab FUN-4, Line 2 Column (e)