

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1	01/01/13	1	1	26	\$8.78	\$ 22.95	\$21.75	1	8759 \$	21.20 \$	21.20	\$22.09
2	01/01/13	1	2	24	\$8.51	\$ 21.76	\$20.59	2	8759 \$	21.20 \$	21.20	\$21.42
3	01/01/13	1	3	24	\$8.47	\$ 21.76	\$20.59	3	8759 \$	21.20 \$	21.20	\$21.31
4	01/01/13	1	4	24	\$8.53	\$ 21.76	\$20.59	4	8759 \$	21.20 \$	21.20	\$21.46
5	01/01/13	1	5	24	\$8.85	\$ 21.76	\$20.59	5	8759 \$	21.20 \$	21.20	\$22.27
6	01/01/13	1	6	24	\$9.22	\$ 21.76	\$20.59	6	8759 \$	21.20 \$	21.20	\$23.22
7	01/01/13	1	7	25	\$9.34	\$ 22.23	\$21.03	7	8759 \$	21.20 \$	21.20	\$23.50
8	01/01/13	1	8	25	\$9.66	\$ 22.23	\$21.03	8	8759 \$	21.20 \$	21.20	\$24.32
9	01/01/13	1	9	25	\$9.78	\$ 22.23	\$21.03	9	8759 \$	21.20 \$	21.20	\$24.61
10	01/01/13	1	10	25	\$10.25	\$ 22.23	\$21.03	10	8759 \$	21.20 \$	21.20	\$25.81
11	01/01/13	1	11	25	\$10.23	\$ 22.23	\$21.03	11	8759 \$	21.20 \$	21.20	\$25.76
12	01/01/13	1	12	25	\$10.11	\$ 22.23	\$21.03	12	8759 \$	21.20 \$	21.20	\$25.44
13	01/01/13	1	13	24	\$9.71	\$ 21.76	\$21.03	13	8759 \$	21.20 \$	21.20	\$24.45
14	01/01/13	1	14	25	\$9.46	\$ 22.23	\$21.03	14	8759 \$	21.20 \$	21.20	\$23.81
15	01/01/13	1	15	24	\$9.34	\$ 21.76	\$21.03	15	8759 \$	21.20 \$	21.20	\$23.52
16	01/01/13	1	16	24	\$9.39	\$ 21.76	\$20.59	16	8759 \$	21.20 \$	21.20	\$23.64
17	01/01/13	1	17	24	\$12.67	\$ 21.76	\$20.59	17	8759 \$	21.20 \$	21.20	\$31.90
18	01/01/13	1	18	27	\$13.96	\$ 24.09	\$22.90	18	8750 \$	21.22 \$	21.20	\$35.15
19	01/01/13	1	19	27	\$12.47	\$ 24.09	\$22.90	19	8736 \$	21.26 \$	21.20	\$31.40
20	01/01/13	1	20	27	\$12.16	\$ 24.09	\$22.90	20	8652 \$	21.46 \$	21.22	\$30.60
21	01/01/13	1	21	26	\$10.37	\$ 22.95	\$21.75	21	8465 \$	21.94 \$	21.25	\$26.10
22	01/01/13	1	22	25	\$8.43	\$ 22.23	\$21.75	22	8120 \$	22.87 \$	21.32	\$21.22
23	01/01/13	1	23	25	\$7.90	\$ 22.23	\$21.03	23	7442 \$	24.95 \$	21.48	\$19.89
24	01/01/13	1	24	24	\$7.60	\$ 21.76	\$20.59	24	6570 \$	28.26 \$	21.76	\$19.12
25	01/02/13	1	1	24	\$7.62	\$ 21.76	\$20.59	25	5571 \$	33.33 \$	22.23	\$19.18
26	01/02/13	1	2	24	\$7.35	\$ 21.76	\$20.59	26	4528 \$	41.01 \$	22.95	\$18.49
27	01/02/13	1	3	24	\$7.39	\$ 21.76	\$20.59	27	3455 \$	53.75 \$	24.09	\$18.60
28	01/02/13	1	4	24	\$7.48	\$ 21.76	\$20.59	28	2497 \$	74.37 \$	25.89	\$18.83
29	01/02/13	1	5	25	\$7.76	\$ 22.23	\$21.03	29	1749 \$	106.17 \$	28.65	\$19.53
30	01/02/13	1	6	26	\$8.69	\$ 22.95	\$21.75	30	1282 \$	144.84 \$	32.53	\$21.87
31	01/02/13	1	7	28	\$10.42	\$ 25.89	\$24.69	31	908 \$	204.50 \$	38.08	\$26.24
32	01/02/13	1	8	30	\$11.95	\$ 32.53	\$31.07	32	657 \$	282.63 \$	45.72	\$30.07
33	01/02/13	1	9	29	\$13.59	\$ 28.65	\$27.35	33	463 \$	401.06 \$	56.49	\$34.20
34	01/02/13	1	10	29	\$12.80	\$ 28.65	\$27.35	34	318 \$	583.93 \$	72.00	\$32.22
35	01/02/13	1	11	29	\$12.59	\$ 28.65	\$27.35	35	228 \$	814.43 \$	93.21	\$31.70
36	01/02/13	1	12	29	\$11.51	\$ 28.65	\$24.69	36	168 \$	1,105.30 \$	121.32	\$28.98
37	01/02/13	1	13	29	\$10.08	\$ 28.65	\$24.69	37	130 \$	1,428.38 \$	156.65	\$25.36
38	01/02/13	1	14	29	\$9.33	\$ 28.65	\$24.69	38	88 \$	2,110.11 \$	208.06	\$23.48
39	01/02/13	1	15	28	\$8.95	\$ 25.89	\$24.69	39	59 \$	3,147.29 \$	283.42	\$22.54
40	01/02/13	1	16	28	\$8.88	\$ 25.89	\$24.69	40	26 \$	7,141.92 \$	454.88	\$22.36
41	01/02/13	1	17	28	\$13.26	\$ 25.89	\$24.69	41	8 \$	23,211.25 \$	1,009.92	\$33.37
42	01/02/13	1	18	29	\$17.10	\$ 28.65	\$27.35	42	0 \$	- \$	985.87	\$43.05
43	01/02/13	1	19	29	\$13.88	\$ 28.65	\$27.35	43	0 \$	- \$	962.95	\$34.94
44	01/02/13	1	20	29	\$12.15	\$ 28.65	\$27.35	44	0 \$	- \$	941.06	\$30.59
45	01/02/13	1	21	28	\$11.12	\$ 25.89	\$24.69	45	0 \$	- \$	920.15	\$28.00
46	01/02/13	1	22	27	\$8.69	\$ 24.09	\$22.90	46	0 \$	- \$	900.14	\$21.88
47	01/02/13	1	23	26	\$7.49	\$ 22.95	\$21.75	47	0 \$	- \$	880.99	\$18.85
48	01/02/13	1	24	25	\$7.48	\$ 22.23	\$21.03	48	0 \$	- \$	862.64	\$18.84
49	01/03/13	1	1	25	\$7.06	\$ 22.23	\$20.59	49	0 \$	- \$	845.03	\$17.77
50	01/03/13	1	2	24	\$6.86	\$ 21.76	\$20.59	50	0 \$	- \$	828.13	\$17.26
51	01/03/13	1	3	24	\$7.00	\$ 21.76	\$20.59	51	0 \$	- \$	811.89	\$17.61
52	01/03/13	1	4	24	\$6.92	\$ 21.76	\$20.59	52	0 \$	- \$	796.28	\$17.43
53	01/03/13	1	5	24	\$7.17	\$ 21.76	\$20.59	53	0 \$	- \$	781.26	\$18.06
54	01/03/13	1	6	24	\$8.30	\$ 21.76	\$20.59	54	0 \$	- \$	766.79	\$20.90
55	01/03/13	1	7	26	\$10.17	\$ 22.95	\$21.75	55	0 \$	- \$	752.85	\$25.61
56	01/03/13	1	8	27	\$11.20	\$ 24.09	\$22.90	56	0 \$	- \$	739.40	\$28.19

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Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
57	01/03/13	1	9	27	\$11.70	\$ 24.09	\$22.90	57	0 \$	- \$	726.43	\$29.45
58	01/03/13	1	10	27	\$11.42	\$ 24.09	\$22.90	58	0 \$	- \$	713.91	\$28.75
59	01/03/13	1	11	27	\$10.89	\$ 24.09	\$22.90	59	0 \$	- \$	701.81	\$27.42
60	01/03/13	1	12	27	\$10.70	\$ 24.09	\$22.90	60	0 \$	- \$	690.11	\$26.94
61	01/03/13	1	13	27	\$10.09	\$ 24.09	\$22.90	61	0 \$	- \$	678.80	\$25.40
62	01/03/13	1	14	27	\$9.82	\$ 24.09	\$21.75	62	0 \$	- \$	667.85	\$24.71
63	01/03/13	1	15	27	\$9.77	\$ 24.09	\$21.75	63	0 \$	- \$	657.25	\$24.60
64	01/03/13	1	16	27	\$10.01	\$ 24.09	\$21.75	64	0 \$	- \$	646.98	\$25.20
65	01/03/13	1	17	27	\$12.61	\$ 24.09	\$22.90	65	0 \$	- \$	637.03	\$31.75
66	01/03/13	1	18	29	\$16.50	\$ 28.65	\$24.69	66	0 \$	- \$	627.37	\$41.52
67	01/03/13	1	19	29	\$13.37	\$ 28.65	\$24.69	67	0 \$	- \$	618.01	\$33.65
68	01/03/13	1	20	29	\$12.64	\$ 28.65	\$24.69	68	0 \$	- \$	608.92	\$31.82
69	01/03/13	1	21	28	\$11.13	\$ 25.89	\$22.90	69	0 \$	- \$	600.10	\$28.02
70	01/03/13	1	22	27	\$9.70	\$ 24.09	\$22.90	70	0 \$	- \$	591.52	\$24.41
71	01/03/13	1	23	26	\$8.78	\$ 22.95	\$21.75	71	0 \$	- \$	583.19	\$22.10
72	01/03/13	1	24	26	\$6.96	\$ 22.95	\$21.75	72	0 \$	- \$	575.09	\$17.53
73	01/04/13	1	1	26	\$6.38	\$ 22.95	\$21.75	73	0 \$	- \$	567.21	\$16.07
74	01/04/13	1	2	26	\$5.98	\$ 22.95	\$21.75	74	0 \$	- \$	559.55	\$15.05
75	01/04/13	1	3	26	\$6.00	\$ 22.95	\$21.75	75	0 \$	- \$	552.09	\$15.09
76	01/04/13	1	4	26	\$6.05	\$ 22.95	\$21.75	76	0 \$	- \$	544.82	\$15.23
77	01/04/13	1	5	26	\$6.31	\$ 22.95	\$21.75	77	0 \$	- \$	537.75	\$15.89
78	01/04/13	1	6	27	\$7.83	\$ 24.09	\$22.90	78	0 \$	- \$	530.85	\$19.71
79	01/04/13	1	7	29	\$8.72	\$ 28.65	\$27.35	79	0 \$	- \$	524.13	\$21.96
80	01/04/13	1	8	30	\$10.35	\$ 32.53	\$31.07	80	0 \$	- \$	517.58	\$26.04
81	01/04/13	1	9	29	\$10.02	\$ 28.65	\$27.35	81	0 \$	- \$	511.19	\$25.21
82	01/04/13	1	10	29	\$11.34	\$ 28.65	\$27.35	82	0 \$	- \$	504.96	\$28.55
83	01/04/13	1	11	28	\$11.02	\$ 25.89	\$24.69	83	0 \$	- \$	498.88	\$27.74
84	01/04/13	1	12	28	\$10.90	\$ 25.89	\$24.69	84	0 \$	- \$	492.94	\$27.43
85	01/04/13	1	13	28	\$9.58	\$ 25.89	\$22.90	85	0 \$	- \$	487.14	\$24.12
86	01/04/13	1	14	27	\$9.76	\$ 24.09	\$22.90	86	0 \$	- \$	481.47	\$24.57
87	01/04/13	1	15	27	\$9.67	\$ 24.09	\$21.75	87	0 \$	- \$	475.94	\$24.34
88	01/04/13	1	16	27	\$9.92	\$ 24.09	\$21.75	88	0 \$	- \$	470.53	\$24.96
89	01/04/13	1	17	27	\$12.76	\$ 24.09	\$22.90	89	0 \$	- \$	465.24	\$32.13
90	01/04/13	1	18	29	\$15.44	\$ 28.65	\$24.69	90	0 \$	- \$	460.07	\$38.87
91	01/04/13	1	19	28	\$13.86	\$ 25.89	\$24.69	91	0 \$	- \$	455.02	\$34.89
92	01/04/13	1	20	28	\$13.50	\$ 25.89	\$24.69	92	0 \$	- \$	450.07	\$33.99
93	01/04/13	1	21	28	\$11.86	\$ 25.89	\$24.69	93	0 \$	- \$	445.23	\$29.86
94	01/04/13	1	22	27	\$10.80	\$ 24.09	\$22.90	94	0 \$	- \$	440.50	\$27.19
95	01/04/13	1	23	26	\$9.89	\$ 22.95	\$21.75	95	0 \$	- \$	435.86	\$24.89
96	01/04/13	1	24	25	\$9.23	\$ 22.23	\$21.03	96	0 \$	- \$	431.32	\$23.24
97	01/05/13	1	1	25	\$8.07	\$ 22.23	\$21.03	97	0 \$	- \$	426.87	\$20.32
98	01/05/13	1	2	25	\$7.55	\$ 22.23	\$21.03	98	0 \$	- \$	422.52	\$19.00
99	01/05/13	1	3	25	\$7.34	\$ 22.23	\$21.03	99	0 \$	- \$	418.25	\$18.48
100	01/05/13	1	4	25	\$7.08	\$ 22.23	\$21.03	100	0 \$	- \$	414.07	\$17.81
101	01/05/13	1	5	25	\$7.02	\$ 22.23	\$21.03	101	0 \$	- \$	409.97	\$17.66
102	01/05/13	1	6	25	\$7.33	\$ 22.23	\$21.03	102	0 \$	- \$	405.95	\$18.46
103	01/05/13	1	7	26	\$7.79	\$ 22.95	\$21.75	103	0 \$	- \$	402.01	\$19.60
104	01/05/13	1	8	26	\$8.35	\$ 22.95	\$22.90	104	0 \$	- \$	398.14	\$21.01
105	01/05/13	1	9	26	\$8.90	\$ 22.95	\$21.75	105	0 \$	- \$	394.35	\$22.40
106	01/05/13	1	10	26	\$9.33	\$ 22.95	\$21.75	106	0 \$	- \$	390.63	\$23.49
107	01/05/13	1	11	26	\$9.37	\$ 22.95	\$21.75	107	0 \$	- \$	386.98	\$23.58
108	01/05/13	1	12	26	\$9.02	\$ 22.95	\$21.75	108	0 \$	- \$	383.39	\$22.70
109	01/05/13	1	13	26	\$8.05	\$ 22.95	\$21.75	109	0 \$	- \$	379.88	\$20.27
110	01/05/13	1	14	25	\$7.79	\$ 22.23	\$21.03	110	0 \$	- \$	376.42	\$19.61
111	01/05/13	1	15	25	\$7.43	\$ 22.23	\$21.03	111	0 \$	- \$	373.03	\$18.70
112	01/05/13	1	16	25	\$7.33	\$ 22.23	\$21.03	112	0 \$	- \$	369.70	\$18.45

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	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
113	01/05/13	1	17	26	\$8.70	\$ 22.95	\$21.75	113	0 \$	- \$	366.43	\$21.91
114	01/05/13	1	18	27	\$8.84	\$ 24.09	\$22.90	114	0 \$	- \$	363.22	\$22.26
115	01/05/13	1	19	27	\$7.93	\$ 24.09	\$22.90	115	0 \$	- \$	360.06	\$19.96
116	01/05/13	1	20	27	\$7.11	\$ 24.09	\$22.90	116	0 \$	- \$	356.95	\$17.89
117	01/05/13	1	21	26	\$6.41	\$ 22.95	\$22.90	117	0 \$	- \$	353.90	\$16.13
118	01/05/13	1	22	26	\$5.55	\$ 22.95	\$21.75	118	0 \$	- \$	350.90	\$13.97
119	01/05/13	1	23	25	\$5.23	\$ 22.23	\$21.03	119	0 \$	- \$	347.95	\$13.17
120	01/05/13	1	24	24	\$5.05	\$ 21.76	\$21.03	120	0 \$	- \$	345.06	\$12.72
121	01/06/13	1	1	23	\$5.31	\$ 21.48	\$20.59	121	0 \$	- \$	342.20	\$13.36
122	01/06/13	1	2	24	\$5.53	\$ 21.76	\$20.59	122	0 \$	- \$	339.40	\$13.93
123	01/06/13	1	3	24	\$6.07	\$ 21.76	\$20.59	123	0 \$	- \$	336.64	\$15.28
124	01/06/13	1	4	23	\$5.71	\$ 21.48	\$20.59	124	0 \$	- \$	333.92	\$14.38
125	01/06/13	1	5	24	\$6.07	\$ 21.76	\$20.59	125	0 \$	- \$	331.25	\$15.29
126	01/06/13	1	6	24	\$6.57	\$ 21.76	\$20.59	126	0 \$	- \$	328.62	\$16.53
127	01/06/13	1	7	24	\$7.44	\$ 21.76	\$20.59	127	0 \$	- \$	326.04	\$18.72
128	01/06/13	1	8	25	\$8.53	\$ 22.23	\$21.03	128	0 \$	- \$	323.49	\$21.47
129	01/06/13	1	9	25	\$9.25	\$ 22.23	\$21.03	129	0 \$	- \$	320.98	\$23.28
130	01/06/13	1	10	24	\$9.75	\$ 21.76	\$21.03	130	0 \$	- \$	318.51	\$24.53
131	01/06/13	1	11	24	\$9.96	\$ 21.76	\$21.03	131	0 \$	- \$	316.08	\$25.07
132	01/06/13	1	12	24	\$10.25	\$ 21.76	\$20.59	132	0 \$	- \$	313.69	\$25.81
133	01/06/13	1	13	24	\$10.42	\$ 21.76	\$20.59	133	0 \$	- \$	311.33	\$26.23
134	01/06/13	1	14	23	\$10.19	\$ 21.48	\$20.33	134	0 \$	- \$	309.00	\$25.64
135	01/06/13	1	15	23	\$10.07	\$ 21.48	\$20.33	135	0 \$	- \$	306.72	\$25.34
136	01/06/13	1	16	23	\$9.96	\$ 21.48	\$20.33	136	0 \$	- \$	304.46	\$25.08
137	01/06/13	1	17	24	\$12.82	\$ 21.76	\$20.59	137	0 \$	- \$	302.24	\$32.28
138	01/06/13	1	18	26	\$14.74	\$ 22.95	\$21.75	138	0 \$	- \$	300.05	\$37.11
139	01/06/13	1	19	26	\$13.02	\$ 22.95	\$21.75	139	0 \$	- \$	297.89	\$32.76
140	01/06/13	1	20	26	\$11.23	\$ 22.95	\$21.75	140	0 \$	- \$	295.76	\$28.26
141	01/06/13	1	21	26	\$8.61	\$ 22.95	\$21.75	141	0 \$	- \$	293.66	\$21.66
142	01/06/13	1	22	25	\$6.76	\$ 22.23	\$21.03	142	0 \$	- \$	291.60	\$17.02
143	01/06/13	1	23	25	\$4.52	\$ 22.23	\$21.03	143	0 \$	- \$	289.56	\$11.38
144	01/06/13	1	24	24	\$3.10	\$ 21.76	\$20.59	144	0 \$	- \$	287.55	\$7.80
145	01/07/13	1	1	22	\$2.56	\$ 21.32	\$20.33	145	0 \$	- \$	285.56	\$6.45
146	01/07/13	1	2	23	\$2.34	\$ 21.48	\$20.33	146	0 \$	- \$	283.61	\$5.89
147	01/07/13	1	3	23	\$2.13	\$ 21.48	\$20.33	147	0 \$	- \$	281.68	\$5.36
148	01/07/13	1	4	23	\$1.93	\$ 21.48	\$20.33	148	0 \$	- \$	279.77	\$4.86
149	01/07/13	1	5	24	\$1.81	\$ 21.76	\$20.59	149	0 \$	- \$	277.90	\$4.56
150	01/07/13	1	6	25	\$3.54	\$ 22.23	\$21.03	150	0 \$	- \$	276.04	\$8.90
151	01/07/13	1	7	28	\$5.20	\$ 25.89	\$22.90	151	0 \$	- \$	274.22	\$13.08
152	01/07/13	1	8	29	\$6.59	\$ 28.65	\$24.69	152	0 \$	- \$	272.41	\$16.59
153	01/07/13	1	9	28	\$6.42	\$ 25.89	\$24.69	153	0 \$	- \$	270.63	\$16.16
154	01/07/13	1	10	28	\$6.71	\$ 25.89	\$24.69	154	0 \$	- \$	268.87	\$16.88
155	01/07/13	1	11	27	\$6.79	\$ 24.09	\$22.90	155	0 \$	- \$	267.14	\$17.09
156	01/07/13	1	12	27	\$6.90	\$ 24.09	\$22.90	156	0 \$	- \$	265.43	\$17.36
157	01/07/13	1	13	27	\$7.19	\$ 24.09	\$21.75	157	0 \$	- \$	263.74	\$18.09
158	01/07/13	1	14	27	\$7.00	\$ 24.09	\$21.75	158	0 \$	- \$	262.07	\$17.62
159	01/07/13	1	15	26	\$7.39	\$ 22.95	\$21.03	159	0 \$	- \$	260.42	\$18.59
160	01/07/13	1	16	26	\$8.26	\$ 22.95	\$21.03	160	0 \$	- \$	258.79	\$20.79
161	01/07/13	1	17	24	\$12.21	\$ 21.76	\$20.59	161	0 \$	- \$	257.18	\$30.74
162	01/07/13	1	18	26	\$15.33	\$ 22.95	\$21.75	162	0 \$	- \$	255.60	\$38.59
163	01/07/13	1	19	26	\$14.08	\$ 22.95	\$21.75	163	0 \$	- \$	254.03	\$35.45
164	01/07/13	1	20	26	\$12.49	\$ 22.95	\$21.03	164	0 \$	- \$	252.48	\$31.44
165	01/07/13	1	21	25	\$11.64	\$ 22.23	\$21.03	165	0 \$	- \$	250.95	\$29.30
166	01/07/13	1	22	25	\$9.32	\$ 22.23	\$21.03	166	0 \$	- \$	249.44	\$23.45
167	01/07/13	1	23	24	\$8.27	\$ 21.76	\$20.59	167	0 \$	- \$	247.94	\$20.81
168	01/07/13	1	24	23	\$8.43	\$ 21.48	\$20.33	168	0 \$	- \$	246.47	\$21.23

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
169	01/08/13	1	1	23	\$8.14	\$ 21.48	\$20.33	169	0 \$	- \$	245.01	\$20.48
170	01/08/13	1	2	23	\$7.95	\$ 21.48	\$20.33	170	0 \$	- \$	243.57	\$20.00
171	01/08/13	1	3	23	\$7.97	\$ 21.48	\$20.33	171	0 \$	- \$	242.14	\$20.05
172	01/08/13	1	4	24	\$8.01	\$ 21.76	\$20.59	172	0 \$	- \$	240.74	\$20.15
173	01/08/13	1	5	24	\$7.91	\$ 21.76	\$20.59	173	0 \$	- \$	239.34	\$19.91
174	01/08/13	1	6	25	\$10.38	\$ 22.23	\$21.03	174	0 \$	- \$	237.97	\$26.12
175	01/08/13	1	7	27	\$12.61	\$ 24.09	\$22.90	175	0 \$	- \$	236.61	\$31.73
176	01/08/13	1	8	27	\$12.20	\$ 24.09	\$22.90	176	0 \$	- \$	235.26	\$30.71
177	01/08/13	1	9	25	\$11.46	\$ 22.23	\$21.03	177	0 \$	- \$	233.94	\$28.84
178	01/08/13	1	10	24	\$9.37	\$ 21.76	\$20.59	178	0 \$	- \$	232.62	\$23.58
179	01/08/13	1	11	24	\$8.33	\$ 21.76	\$20.59	179	0 \$	- \$	231.32	\$20.97
180	01/08/13	1	12	24	\$7.62	\$ 21.76	\$20.33	180	0 \$	- \$	230.04	\$19.18
181	01/08/13	1	13	23	\$7.23	\$ 21.48	\$20.33	181	0 \$	- \$	228.77	\$18.20
182	01/08/13	1	14	23	\$6.69	\$ 21.48	\$20.33	182	0 \$	- \$	227.51	\$16.85
183	01/08/13	1	15	23	\$6.79	\$ 21.48	\$20.33	183	0 \$	- \$	226.27	\$17.09
184	01/08/13	1	16	24	\$6.73	\$ 21.76	\$20.59	184	0 \$	- \$	225.04	\$16.93
185	01/08/13	1	17	25	\$7.45	\$ 22.23	\$21.03	185	0 \$	- \$	223.82	\$18.76
186	01/08/13	1	18	27	\$9.91	\$ 24.09	\$22.90	186	0 \$	- \$	222.62	\$24.94
187	01/08/13	1	19	27	\$7.56	\$ 24.09	\$22.90	187	0 \$	- \$	221.43	\$19.03
188	01/08/13	1	20	27	\$6.61	\$ 24.09	\$22.90	188	0 \$	- \$	220.25	\$16.65
189	01/08/13	1	21	27	\$6.06	\$ 24.09	\$22.90	189	0 \$	- \$	219.08	\$15.26
190	01/08/13	1	22	26	\$4.05	\$ 22.95	\$21.75	190	0 \$	- \$	217.93	\$10.20
191	01/08/13	1	23	25	\$3.31	\$ 22.23	\$21.03	191	0 \$	- \$	216.79	\$8.33
192	01/08/13	1	24	24	\$1.84	\$ 21.76	\$20.59	192	0 \$	- \$	215.66	\$4.62
193	01/09/13	1	1	23	\$1.94	\$ 21.48	\$20.33	193	0 \$	- \$	214.54	\$4.89
194	01/09/13	1	2	23	\$1.76	\$ 21.48	\$20.33	194	0 \$	- \$	213.44	\$4.43
195	01/09/13	1	3	23	\$1.82	\$ 21.48	\$20.33	195	0 \$	- \$	212.34	\$4.59
196	01/09/13	1	4	23	\$2.07	\$ 21.48	\$20.33	196	0 \$	- \$	211.26	\$5.21
197	01/09/13	1	5	23	\$2.14	\$ 21.48	\$20.33	197	0 \$	- \$	210.19	\$5.38
198	01/09/13	1	6	24	\$5.99	\$ 21.76	\$20.59	198	0 \$	- \$	209.12	\$15.07
199	01/09/13	1	7	27	\$8.23	\$ 24.09	\$22.90	199	0 \$	- \$	208.07	\$20.71
200	01/09/13	1	8	28	\$10.69	\$ 25.89	\$24.69	200	0 \$	- \$	207.03	\$26.91
201	01/09/13	1	9	27	\$10.62	\$ 24.09	\$22.90	201	0 \$	- \$	206.00	\$26.72
202	01/09/13	1	10	27	\$10.12	\$ 24.09	\$22.90	202	0 \$	- \$	204.98	\$25.47
203	01/09/13	1	11	27	\$9.63	\$ 24.09	\$21.75	203	0 \$	- \$	203.97	\$24.24
204	01/09/13	1	12	26	\$9.35	\$ 22.95	\$21.75	204	0 \$	- \$	202.97	\$23.54
205	01/09/13	1	13	26	\$9.00	\$ 22.95	\$21.75	205	0 \$	- \$	201.98	\$22.65
206	01/09/13	1	14	26	\$8.92	\$ 22.95	\$21.75	206	0 \$	- \$	201.00	\$22.46
207	01/09/13	1	15	26	\$9.25	\$ 22.95	\$21.03	207	0 \$	- \$	200.03	\$23.28
208	01/09/13	1	16	26	\$9.90	\$ 22.95	\$21.03	208	0 \$	- \$	199.07	\$24.91
209	01/09/13	1	17	26	\$12.10	\$ 22.95	\$21.03	209	0 \$	- \$	198.12	\$30.45
210	01/09/13	1	18	27	\$14.42	\$ 24.09	\$22.90	210	0 \$	- \$	197.17	\$36.29
211	01/09/13	1	19	27	\$11.40	\$ 24.09	\$22.90	211	0 \$	- \$	196.24	\$28.70
212	01/09/13	1	20	27	\$9.74	\$ 24.09	\$22.90	212	0 \$	- \$	195.31	\$24.52
213	01/09/13	1	21	26	\$7.49	\$ 22.95	\$21.75	213	0 \$	- \$	194.40	\$18.85
214	01/09/13	1	22	26	\$5.79	\$ 22.95	\$21.75	214	0 \$	- \$	193.49	\$14.58
215	01/09/13	1	23	25	\$4.42	\$ 22.23	\$21.03	215	0 \$	- \$	192.59	\$11.12
216	01/09/13	1	24	24	\$3.21	\$ 21.76	\$20.59	216	0 \$	- \$	191.70	\$8.08
217	01/10/13	1	1	23	\$2.72	\$ 21.48	\$20.33	217	0 \$	- \$	190.81	\$6.85
218	01/10/13	1	2	23	\$2.41	\$ 21.48	\$20.33	218	0 \$	- \$	189.94	\$6.07
219	01/10/13	1	3	23	\$2.00	\$ 21.48	\$20.33	219	0 \$	- \$	189.07	\$5.03
220	01/10/13	1	4	23	\$2.37	\$ 21.48	\$20.33	220	0 \$	- \$	188.21	\$5.97
221	01/10/13	1	5	24	\$2.80	\$ 21.76	\$20.59	221	0 \$	- \$	187.36	\$7.05
222	01/10/13	1	6	25	\$4.94	\$ 22.23	\$21.03	222	0 \$	- \$	186.52	\$12.44
223	01/10/13	1	7	26	\$6.62	\$ 22.95	\$21.75	223	0 \$	- \$	185.68	\$16.66
224	01/10/13	1	8	28	\$6.68	\$ 25.89	\$24.69	224	0 \$	- \$	184.85	\$16.81

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
225	01/10/13	1	9	27	\$6.79	\$ 24.09	\$22.90	225	0 \$	- \$	184.03	\$17.08
226	01/10/13	1	10	28	\$6.60	\$ 25.89	\$22.90	226	0 \$	- \$	183.22	\$16.61
227	01/10/13	1	11	28	\$7.12	\$ 25.89	\$22.90	227	0 \$	- \$	182.41	\$17.93
228	01/10/13	1	12	26	\$6.53	\$ 22.95	\$21.03	228	0 \$	- \$	181.61	\$16.43
229	01/10/13	1	13	25	\$6.16	\$ 22.23	\$21.03	229	0 \$	- \$	180.82	\$15.51
230	01/10/13	1	14	26	\$6.25	\$ 22.95	\$21.75	230	0 \$	- \$	180.03	\$15.72
231	01/10/13	1	15	27	\$6.85	\$ 24.09	\$21.75	231	0 \$	- \$	179.25	\$17.23
232	01/10/13	1	16	26	\$7.35	\$ 22.95	\$21.75	232	0 \$	- \$	178.48	\$18.51
233	01/10/13	1	17	26	\$8.53	\$ 22.95	\$21.75	233	0 \$	- \$	177.71	\$21.48
234	01/10/13	1	18	28	\$11.36	\$ 25.89	\$24.69	234	0 \$	- \$	176.95	\$28.59
235	01/10/13	1	19	28	\$9.81	\$ 25.89	\$24.69	235	0 \$	- \$	176.20	\$24.69
236	01/10/13	1	20	27	\$9.08	\$ 24.09	\$22.90	236	0 \$	- \$	175.45	\$22.85
237	01/10/13	1	21	27	\$7.88	\$ 24.09	\$21.75	237	0 \$	- \$	174.71	\$19.84
238	01/10/13	1	22	26	\$7.40	\$ 22.95	\$21.75	238	0 \$	- \$	173.98	\$18.62
239	01/10/13	1	23	25	\$7.00	\$ 22.23	\$21.03	239	0 \$	- \$	173.25	\$17.63
240	01/10/13	1	24	24	\$6.07	\$ 21.76	\$20.59	240	0 \$	- \$	172.53	\$15.29
241	01/11/13	1	1	23	\$6.01	\$ 21.48	\$20.33	241	0 \$	- \$	171.81	\$15.12
242	01/11/13	1	2	23	\$6.01	\$ 21.48	\$20.33	242	0 \$	- \$	171.10	\$15.14
243	01/11/13	1	3	23	\$5.95	\$ 21.48	\$20.19	243	0 \$	- \$	170.40	\$14.98
244	01/11/13	1	4	23	\$6.27	\$ 21.48	\$20.19	244	0 \$	- \$	169.70	\$15.77
245	01/11/13	1	5	23	\$6.48	\$ 21.48	\$20.33	245	0 \$	- \$	169.01	\$16.32
246	01/11/13	1	6	24	\$7.73	\$ 21.76	\$20.59	246	0 \$	- \$	168.32	\$19.46
247	01/11/13	1	7	26	\$9.53	\$ 22.95	\$21.75	247	0 \$	- \$	167.64	\$23.99
248	01/11/13	1	8	26	\$9.18	\$ 22.95	\$21.75	248	0 \$	- \$	166.96	\$23.10
249	01/11/13	1	9	26	\$8.76	\$ 22.95	\$21.03	249	0 \$	- \$	166.29	\$22.05
250	01/11/13	1	10	26	\$8.63	\$ 22.95	\$21.03	250	0 \$	- \$	165.63	\$21.72
251	01/11/13	1	11	26	\$8.24	\$ 22.95	\$21.03	251	0 \$	- \$	164.97	\$20.75
252	01/11/13	1	12	26	\$7.96	\$ 22.95	\$21.03	252	0 \$	- \$	164.31	\$20.04
253	01/11/13	1	13	26	\$7.35	\$ 22.95	\$21.75	253	0 \$	- \$	163.66	\$18.50
254	01/11/13	1	14	26	\$6.87	\$ 22.95	\$21.75	254	0 \$	- \$	163.02	\$17.28
255	01/11/13	1	15	25	\$6.60	\$ 22.23	\$20.59	255	0 \$	- \$	162.38	\$16.62
256	01/11/13	1	16	25	\$6.39	\$ 22.23	\$21.03	256	0 \$	- \$	161.74	\$16.09
257	01/11/13	1	17	25	\$6.51	\$ 22.23	\$21.03	257	0 \$	- \$	161.12	\$16.39
258	01/11/13	1	18	26	\$7.02	\$ 22.95	\$21.75	258	0 \$	- \$	160.49	\$17.67
259	01/11/13	1	19	26	\$6.01	\$ 22.95	\$21.75	259	0 \$	- \$	159.87	\$15.12
260	01/11/13	1	20	26	\$4.86	\$ 22.95	\$21.75	260	0 \$	- \$	159.26	\$12.23
261	01/11/13	1	21	26	\$4.20	\$ 22.95	\$21.75	261	0 \$	- \$	158.65	\$10.57
262	01/11/13	1	22	25	\$3.17	\$ 22.23	\$21.03	262	0 \$	- \$	158.04	\$7.99
263	01/11/13	1	23	24	\$2.48	\$ 21.76	\$20.59	263	0 \$	- \$	157.44	\$6.25
264	01/11/13	1	24	23	\$2.19	\$ 21.48	\$20.33	264	0 \$	- \$	156.84	\$5.51
265	01/12/13	1	1	23	\$1.63	\$ 21.48	\$20.33	265	0 \$	- \$	156.25	\$4.11
266	01/12/13	1	2	22	\$0.85	\$ 21.32	\$20.33	266	0 \$	- \$	155.66	\$2.14
267	01/12/13	1	3	23	\$0.83	\$ 21.48	\$20.33	267	0 \$	- \$	155.08	\$2.10
268	01/12/13	1	4	23	\$0.51	\$ 21.48	\$20.33	268	0 \$	- \$	154.50	\$1.28
269	01/12/13	1	5	23	\$0.40	\$ 21.48	\$20.33	269	0 \$	- \$	153.93	\$1.00
270	01/12/13	1	6	24	\$1.99	\$ 21.76	\$20.59	270	0 \$	- \$	153.36	\$5.01
271	01/12/13	1	7	25	\$3.83	\$ 22.23	\$21.03	271	0 \$	- \$	152.79	\$9.63
272	01/12/13	1	8	26	\$4.92	\$ 22.95	\$21.75	272	0 \$	- \$	152.23	\$12.38
273	01/12/13	1	9	26	\$5.10	\$ 22.95	\$21.75	273	0 \$	- \$	151.67	\$12.84
274	01/12/13	1	10	26	\$5.55	\$ 22.95	\$21.75	274	0 \$	- \$	151.12	\$13.96
275	01/12/13	1	11	26	\$5.69	\$ 22.95	\$21.75	275	0 \$	- \$	150.57	\$14.31
276	01/12/13	1	12	26	\$6.01	\$ 22.95	\$21.75	276	0 \$	- \$	150.02	\$15.13
277	01/12/13	1	13	27	\$6.13	\$ 24.09	\$22.90	277	0 \$	- \$	149.48	\$15.44
278	01/12/13	1	14	26	\$6.27	\$ 22.95	\$21.75	278	0 \$	- \$	148.94	\$15.77
279	01/12/13	1	15	26	\$6.21	\$ 22.95	\$21.75	279	0 \$	- \$	148.41	\$15.62
280	01/12/13	1	16	26	\$6.54	\$ 22.95	\$21.75	280	0 \$	- \$	147.88	\$16.45

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
281	01/12/13	1	17	27	\$8.30	\$ 24.09	\$22.90	281	0 \$	- \$	147.35	\$20.89
282	01/12/13	1	18	28	\$10.29	\$ 25.89	\$24.69	282	0 \$	- \$	146.83	\$25.90
283	01/12/13	1	19	27	\$9.17	\$ 24.09	\$24.69	283	0 \$	- \$	146.31	\$23.08
284	01/12/13	1	20	27	\$9.23	\$ 24.09	\$24.69	284	0 \$	- \$	145.80	\$23.23
285	01/12/13	1	21	27	\$8.70	\$ 24.09	\$24.69	285	0 \$	- \$	145.29	\$21.90
286	01/12/13	1	22	27	\$8.12	\$ 24.09	\$22.90	286	0 \$	- \$	144.78	\$20.44
287	01/12/13	1	23	26	\$7.70	\$ 22.95	\$21.75	287	0 \$	- \$	144.27	\$19.37
288	01/12/13	1	24	25	\$7.55	\$ 22.23	\$21.03	288	0 \$	- \$	143.77	\$19.01
289	01/13/13	1	1	25	\$7.00	\$ 22.23	\$21.03	289	0 \$	- \$	143.28	\$17.61
290	01/13/13	1	2	25	\$6.84	\$ 22.23	\$21.03	290	0 \$	- \$	142.78	\$17.22
291	01/13/13	1	3	24	\$6.83	\$ 21.76	\$21.03	291	0 \$	- \$	142.29	\$17.19
292	01/13/13	1	4	24	\$6.82	\$ 21.76	\$20.59	292	0 \$	- \$	141.80	\$17.17
293	01/13/13	1	5	25	\$7.37	\$ 22.23	\$21.03	293	0 \$	- \$	141.32	\$18.54
294	01/13/13	1	6	25	\$7.60	\$ 22.23	\$21.03	294	0 \$	- \$	140.84	\$19.12
295	01/13/13	1	7	26	\$8.36	\$ 22.95	\$21.75	295	0 \$	- \$	140.36	\$21.05
296	01/13/13	1	8	26	\$8.71	\$ 22.95	\$22.90	296	0 \$	- \$	139.89	\$21.92
297	01/13/13	1	9	26	\$9.08	\$ 22.95	\$21.75	297	0 \$	- \$	139.42	\$22.86
298	01/13/13	1	10	26	\$9.25	\$ 22.95	\$22.90	298	0 \$	- \$	138.95	\$23.29
299	01/13/13	1	11	26	\$9.69	\$ 22.95	\$22.90	299	0 \$	- \$	138.48	\$24.39
300	01/13/13	1	12	26	\$9.59	\$ 22.95	\$21.75	300	0 \$	- \$	138.02	\$24.15
301	01/13/13	1	13	26	\$9.13	\$ 22.95	\$21.75	301	0 \$	- \$	137.56	\$22.97
302	01/13/13	1	14	26	\$9.05	\$ 22.95	\$21.75	302	0 \$	- \$	137.11	\$22.79
303	01/13/13	1	15	25	\$8.98	\$ 22.23	\$21.03	303	0 \$	- \$	136.66	\$22.60
304	01/13/13	1	16	26	\$9.17	\$ 22.95	\$21.75	304	0 \$	- \$	136.21	\$23.07
305	01/13/13	1	17	26	\$12.22	\$ 22.95	\$21.75	305	0 \$	- \$	135.76	\$30.76
306	01/13/13	1	18	28	\$13.85	\$ 25.89	\$24.69	306	0 \$	- \$	135.32	\$34.87
307	01/13/13	1	19	28	\$12.82	\$ 25.89	\$24.69	307	0 \$	- \$	134.88	\$32.26
308	01/13/13	1	20	28	\$12.32	\$ 25.89	\$24.69	308	0 \$	- \$	134.44	\$31.00
309	01/13/13	1	21	27	\$10.56	\$ 24.09	\$22.90	309	0 \$	- \$	134.00	\$26.57
310	01/13/13	1	22	27	\$10.31	\$ 24.09	\$22.90	310	0 \$	- \$	133.57	\$25.94
311	01/13/13	1	23	26	\$8.94	\$ 22.95	\$21.75	311	0 \$	- \$	133.14	\$22.50
312	01/13/13	1	24	25	\$8.24	\$ 22.23	\$21.03	312	0 \$	- \$	132.71	\$20.75
313	01/14/13	1	1	25	\$8.32	\$ 22.23	\$21.03	313	0 \$	- \$	132.29	\$20.94
314	01/14/13	1	2	25	\$8.43	\$ 22.23	\$21.03	314	0 \$	- \$	131.87	\$21.23
315	01/14/13	1	3	25	\$8.55	\$ 22.23	\$21.03	315	0 \$	- \$	131.45	\$21.53
316	01/14/13	1	4	25	\$8.63	\$ 22.23	\$21.03	316	0 \$	- \$	131.03	\$21.73
317	01/14/13	1	5	26	\$8.83	\$ 22.95	\$21.03	317	0 \$	- \$	130.62	\$22.22
318	01/14/13	1	6	27	\$10.75	\$ 24.09	\$22.90	318	0 \$	- \$	130.21	\$27.06
319	01/14/13	1	7	29	\$12.83	\$ 28.65	\$27.35	319	0 \$	- \$	129.80	\$32.29
320	01/14/13	1	8	30	\$13.60	\$ 32.53	\$31.07	320	0 \$	- \$	129.40	\$34.22
321	01/14/13	1	9	30	\$12.67	\$ 32.53	\$31.07	321	0 \$	- \$	128.99	\$31.89
322	01/14/13	1	10	30	\$14.10	\$ 32.53	\$27.35	322	0 \$	- \$	128.59	\$35.50
323	01/14/13	1	11	29	\$12.66	\$ 28.65	\$27.35	323	0 \$	- \$	128.19	\$31.87
324	01/14/13	1	12	29	\$11.44	\$ 28.65	\$24.69	324	0 \$	- \$	127.80	\$28.79
325	01/14/13	1	13	28	\$10.66	\$ 25.89	\$22.90	325	0 \$	- \$	127.41	\$26.83
326	01/14/13	1	14	27	\$10.17	\$ 24.09	\$22.90	326	0 \$	- \$	127.01	\$25.59
327	01/14/13	1	15	27	\$9.91	\$ 24.09	\$21.75	327	0 \$	- \$	126.63	\$24.95
328	01/14/13	1	16	27	\$10.06	\$ 24.09	\$21.75	328	0 \$	- \$	126.24	\$25.31
329	01/14/13	1	17	27	\$13.00	\$ 24.09	\$21.75	329	0 \$	- \$	125.86	\$32.72
330	01/14/13	1	18	28	\$16.76	\$ 25.89	\$24.69	330	0 \$	- \$	125.47	\$42.19
331	01/14/13	1	19	29	\$14.70	\$ 28.65	\$24.69	331	0 \$	- \$	125.10	\$37.00
332	01/14/13	1	20	29	\$14.07	\$ 28.65	\$27.35	332	0 \$	- \$	124.72	\$35.41
333	01/14/13	1	21	29	\$11.88	\$ 28.65	\$24.69	333	0 \$	- \$	124.34	\$29.91
334	01/14/13	1	22	28	\$9.54	\$ 25.89	\$24.69	334	0 \$	- \$	123.97	\$24.02
335	01/14/13	1	23	27	\$8.28	\$ 24.09	\$21.75	335	0 \$	- \$	123.60	\$20.83
336	01/14/13	1	24	26	\$8.45	\$ 22.95	\$21.75	336	0 \$	- \$	123.23	\$21.26

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
337	01/15/13	1	1	25	\$7.81	\$ 22.23	\$21.03	337	0 \$	- \$	122.87	\$19.65
338	01/15/13	1	2	25	\$7.47	\$ 22.23	\$21.03	338	0 \$	- \$	122.50	\$18.79
339	01/15/13	1	3	25	\$7.18	\$ 22.23	\$21.03	339	0 \$	- \$	122.14	\$18.07
340	01/15/13	1	4	23	\$7.10	\$ 21.48	\$20.33	340	0 \$	- \$	121.78	\$17.87
341	01/15/13	1	5	24	\$7.70	\$ 21.76	\$20.59	341	0 \$	- \$	121.43	\$19.38
342	01/15/13	1	6	26	\$9.34	\$ 22.95	\$21.75	342	0 \$	- \$	121.07	\$23.52
343	01/15/13	1	7	28	\$13.08	\$ 25.89	\$22.90	343	0 \$	- \$	120.72	\$32.93
344	01/15/13	1	8	30	\$12.82	\$ 32.53	\$27.35	344	0 \$	- \$	120.37	\$32.28
345	01/15/13	1	9	30	\$12.93	\$ 32.53	\$27.35	345	0 \$	- \$	120.02	\$32.55
346	01/15/13	1	10	29	\$13.01	\$ 28.65	\$24.69	346	0 \$	- \$	119.67	\$32.74
347	01/15/13	1	11	29	\$11.60	\$ 28.65	\$24.69	347	0 \$	- \$	119.33	\$29.21
348	01/15/13	1	12	28	\$9.54	\$ 25.89	\$24.69	348	0 \$	- \$	118.98	\$24.01
349	01/15/13	1	13	28	\$8.62	\$ 25.89	\$22.90	349	0 \$	- \$	118.64	\$21.70
350	01/15/13	1	14	27	\$8.28	\$ 24.09	\$22.90	350	0 \$	- \$	118.30	\$20.83
351	01/15/13	1	15	27	\$7.76	\$ 24.09	\$21.75	351	0 \$	- \$	117.97	\$19.52
352	01/15/13	1	16	27	\$7.42	\$ 24.09	\$21.75	352	0 \$	- \$	117.63	\$18.67
353	01/15/13	1	17	27	\$7.97	\$ 24.09	\$22.90	353	0 \$	- \$	117.30	\$20.06
354	01/15/13	1	18	29	\$8.58	\$ 28.65	\$24.69	354	0 \$	- \$	116.97	\$21.60
355	01/15/13	1	19	29	\$7.87	\$ 28.65	\$24.69	355	0 \$	- \$	116.64	\$19.80
356	01/15/13	1	20	29	\$7.48	\$ 28.65	\$24.69	356	0 \$	- \$	116.31	\$18.82
357	01/15/13	1	21	28	\$5.62	\$ 25.89	\$24.69	357	0 \$	- \$	115.98	\$14.15
358	01/15/13	1	22	28	\$3.89	\$ 25.89	\$22.90	358	0 \$	- \$	115.66	\$9.80
359	01/15/13	1	23	27	\$3.09	\$ 24.09	\$21.75	359	0 \$	- \$	115.34	\$7.77
360	01/15/13	1	24	26	\$3.70	\$ 22.95	\$21.03	360	0 \$	- \$	115.02	\$9.31
361	01/16/13	1	1	25	\$3.53	\$ 22.23	\$21.03	361	0 \$	- \$	114.70	\$8.88
362	01/16/13	1	2	25	\$3.35	\$ 22.23	\$21.03	362	0 \$	- \$	114.38	\$8.42
363	01/16/13	1	3	25	\$3.21	\$ 22.23	\$21.03	363	0 \$	- \$	114.07	\$8.08
364	01/16/13	1	4	25	\$3.58	\$ 22.23	\$21.03	364	0 \$	- \$	113.75	\$9.00
365	01/16/13	1	5	25	\$4.39	\$ 22.23	\$21.03	365	0 \$	- \$	113.44	\$11.05
366	01/16/13	1	6	27	\$6.65	\$ 24.09	\$21.75	366	0 \$	- \$	113.13	\$16.75
367	01/16/13	1	7	28	\$9.26	\$ 25.89	\$24.69	367	0 \$	- \$	112.82	\$23.30
368	01/16/13	1	8	29	\$9.78	\$ 28.65	\$24.69	368	0 \$	- \$	112.52	\$24.62
369	01/16/13	1	9	29	\$10.17	\$ 28.65	\$24.69	369	0 \$	- \$	112.21	\$25.59
370	01/16/13	1	10	29	\$10.16	\$ 28.65	\$24.69	370	0 \$	- \$	111.91	\$25.57
371	01/16/13	1	11	28	\$8.94	\$ 25.89	\$22.90	371	0 \$	- \$	111.61	\$22.50
372	01/16/13	1	12	27	\$8.69	\$ 24.09	\$21.75	372	0 \$	- \$	111.31	\$21.87
373	01/16/13	1	13	26	\$8.45	\$ 22.95	\$21.03	373	0 \$	- \$	111.01	\$21.28
374	01/16/13	1	14	25	\$8.05	\$ 22.23	\$21.03	374	0 \$	- \$	110.71	\$20.25
375	01/16/13	1	15	25	\$7.77	\$ 22.23	\$20.59	375	0 \$	- \$	110.42	\$19.57
376	01/16/13	1	16	25	\$7.74	\$ 22.23	\$20.59	376	0 \$	- \$	110.12	\$19.48
377	01/16/13	1	17	25	\$9.24	\$ 22.23	\$20.59	377	0 \$	- \$	109.83	\$23.26
378	01/16/13	1	18	27	\$10.86	\$ 24.09	\$21.75	378	0 \$	- \$	109.54	\$27.33
379	01/16/13	1	19	28	\$9.84	\$ 25.89	\$22.90	379	0 \$	- \$	109.25	\$24.76
380	01/16/13	1	20	27	\$8.93	\$ 24.09	\$22.90	380	0 \$	- \$	108.96	\$22.48
381	01/16/13	1	21	27	\$7.92	\$ 24.09	\$22.90	381	0 \$	- \$	108.68	\$19.93
382	01/16/13	1	22	26	\$6.96	\$ 22.95	\$21.75	382	0 \$	- \$	108.39	\$17.52
383	01/16/13	1	23	25	\$6.54	\$ 22.23	\$21.03	383	0 \$	- \$	108.11	\$16.45
384	01/16/13	1	24	24	\$7.58	\$ 21.76	\$20.59	384	0 \$	- \$	107.83	\$19.07
385	01/17/13	1	1	24	\$7.94	\$ 21.76	\$20.59	385	0 \$	- \$	107.55	\$19.99
386	01/17/13	1	2	24	\$7.81	\$ 21.76	\$20.59	386	0 \$	- \$	107.27	\$19.66
387	01/17/13	1	3	24	\$8.32	\$ 21.76	\$20.59	387	0 \$	- \$	106.99	\$20.93
388	01/17/13	1	4	24	\$8.27	\$ 21.76	\$20.59	388	0 \$	- \$	106.72	\$20.81
389	01/17/13	1	5	25	\$8.92	\$ 22.23	\$21.03	389	0 \$	- \$	106.44	\$22.45
390	01/17/13	1	6	26	\$10.88	\$ 22.95	\$21.03	390	0 \$	- \$	106.17	\$27.39
391	01/17/13	1	7	28	\$13.56	\$ 25.89	\$24.69	391	0 \$	- \$	105.90	\$34.12
392	01/17/13	1	8	30	\$14.48	\$ 32.53	\$27.35	392	0 \$	- \$	105.63	\$36.45

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
393	01/17/13	1	9	29	\$14.45	\$ 28.65	\$27.35	393	0 \$	- \$	105.36	\$36.37
394	01/17/13	1	10	29	\$14.28	\$ 28.65	\$24.69	394	0 \$	- \$	105.09	\$35.94
395	01/17/13	1	11	28	\$13.62	\$ 25.89	\$24.69	395	0 \$	- \$	104.83	\$34.28
396	01/17/13	1	12	28	\$12.07	\$ 25.89	\$24.69	396	0 \$	- \$	104.56	\$30.39
397	01/17/13	1	13	28	\$10.91	\$ 25.89	\$22.90	397	0 \$	- \$	104.30	\$27.47
398	01/17/13	1	14	28	\$10.41	\$ 25.89	\$22.90	398	0 \$	- \$	104.04	\$26.21
399	01/17/13	1	15	27	\$10.18	\$ 24.09	\$22.90	399	0 \$	- \$	103.78	\$25.62
400	01/17/13	1	16	27	\$10.49	\$ 24.09	\$22.90	400	0 \$	- \$	103.52	\$26.41
401	01/17/13	1	17	27	\$13.57	\$ 24.09	\$22.90	401	0 \$	- \$	103.26	\$34.16
402	01/17/13	1	18	28	\$16.16	\$ 25.89	\$24.69	402	0 \$	- \$	103.00	\$40.68
403	01/17/13	1	19	29	\$15.13	\$ 28.65	\$24.69	403	0 \$	- \$	102.75	\$38.08
404	01/17/13	1	20	28	\$14.32	\$ 25.89	\$24.69	404	0 \$	- \$	102.49	\$36.05
405	01/17/13	1	21	28	\$12.52	\$ 25.89	\$22.90	405	0 \$	- \$	102.24	\$31.51
406	01/17/13	1	22	27	\$11.14	\$ 24.09	\$21.75	406	0 \$	- \$	101.99	\$28.05
407	01/17/13	1	23	26	\$9.31	\$ 22.95	\$21.75	407	0 \$	- \$	101.74	\$23.44
408	01/17/13	1	24	25	\$8.25	\$ 22.23	\$21.03	408	0 \$	- \$	101.49	\$20.76
409	01/18/13	1	1	25	\$7.22	\$ 22.23	\$20.59	409	0 \$	- \$	101.24	\$18.17
410	01/18/13	1	2	24	\$6.88	\$ 21.76	\$20.59	410	0 \$	- \$	100.99	\$17.32
411	01/18/13	1	3	24	\$6.00	\$ 21.76	\$20.59	411	0 \$	- \$	100.75	\$15.10
412	01/18/13	1	4	24	\$5.06	\$ 21.76	\$20.59	412	0 \$	- \$	100.50	\$12.73
413	01/18/13	1	5	24	\$4.99	\$ 21.76	\$20.59	413	0 \$	- \$	100.26	\$12.56
414	01/18/13	1	6	26	\$5.22	\$ 22.95	\$21.03	414	0 \$	- \$	100.02	\$13.14
415	01/18/13	1	7	27	\$7.47	\$ 24.09	\$22.90	415	0 \$	- \$	99.78	\$18.79
416	01/18/13	1	8	28	\$7.15	\$ 25.89	\$24.69	416	0 \$	- \$	99.54	\$17.99
417	01/18/13	1	9	27	\$7.25	\$ 24.09	\$22.90	417	0 \$	- \$	99.30	\$18.25
418	01/18/13	1	10	27	\$7.03	\$ 24.09	\$21.75	418	0 \$	- \$	99.06	\$17.69
419	01/18/13	1	11	26	\$5.09	\$ 22.95	\$21.75	419	0 \$	- \$	98.82	\$12.81
420	01/18/13	1	12	26	\$5.59	\$ 22.95	\$21.03	420	0 \$	- \$	98.59	\$14.07
421	01/18/13	1	13	26	\$5.30	\$ 22.95	\$21.75	421	0 \$	- \$	98.35	\$13.33
422	01/18/13	1	14	26	\$5.81	\$ 22.95	\$21.03	422	0 \$	- \$	98.12	\$14.63
423	01/18/13	1	15	25	\$5.89	\$ 22.23	\$21.03	423	0 \$	- \$	97.89	\$14.82
424	01/18/13	1	16	25	\$6.13	\$ 22.23	\$20.59	424	0 \$	- \$	97.66	\$15.44
425	01/18/13	1	17	24	\$7.10	\$ 21.76	\$20.33	425	0 \$	- \$	97.43	\$17.86
426	01/18/13	1	18	26	\$8.10	\$ 22.95	\$21.75	426	0 \$	- \$	97.20	\$20.40
427	01/18/13	1	19	26	\$7.29	\$ 22.95	\$21.75	427	0 \$	- \$	96.97	\$18.36
428	01/18/13	1	20	26	\$6.68	\$ 22.95	\$21.75	428	0 \$	- \$	96.74	\$16.82
429	01/18/13	1	21	25	\$6.65	\$ 22.23	\$21.03	429	0 \$	- \$	96.52	\$16.73
430	01/18/13	1	22	25	\$6.38	\$ 22.23	\$21.03	430	0 \$	- \$	96.29	\$16.05
431	01/18/13	1	23	24	\$6.14	\$ 21.76	\$20.59	431	0 \$	- \$	96.07	\$15.45
432	01/18/13	1	24	23	\$6.25	\$ 21.48	\$20.33	432	0 \$	- \$	95.85	\$15.73
433	01/19/13	1	1	23	\$5.88	\$ 21.48	\$20.33	433	0 \$	- \$	95.63	\$14.79
434	01/19/13	1	2	22	\$5.65	\$ 21.32	\$20.19	434	0 \$	- \$	95.41	\$14.21
435	01/19/13	1	3	22	\$5.42	\$ 21.32	\$20.19	435	0 \$	- \$	95.19	\$13.65
436	01/19/13	1	4	22	\$5.26	\$ 21.32	\$20.19	436	0 \$	- \$	94.97	\$13.25
437	01/19/13	1	5	22	\$5.72	\$ 21.32	\$20.19	437	0 \$	- \$	94.75	\$14.41
438	01/19/13	1	6	23	\$6.46	\$ 21.48	\$20.33	438	0 \$	- \$	94.54	\$16.26
439	01/19/13	1	7	24	\$6.95	\$ 21.76	\$20.59	439	0 \$	- \$	94.32	\$17.50
440	01/19/13	1	8	25	\$6.92	\$ 22.23	\$21.03	440	0 \$	- \$	94.11	\$17.43
441	01/19/13	1	9	25	\$7.07	\$ 22.23	\$21.03	441	0 \$	- \$	93.89	\$17.79
442	01/19/13	1	10	25	\$7.07	\$ 22.23	\$20.59	442	0 \$	- \$	93.68	\$17.80
443	01/19/13	1	11	24	\$6.77	\$ 21.76	\$20.59	443	0 \$	- \$	93.47	\$17.04
444	01/19/13	1	12	24	\$6.42	\$ 21.76	\$20.59	444	0 \$	- \$	93.26	\$16.16
445	01/19/13	1	13	23	\$6.29	\$ 21.48	\$20.33	445	0 \$	- \$	93.05	\$15.84
446	01/19/13	1	14	23	\$6.17	\$ 21.48	\$20.33	446	0 \$	- \$	92.84	\$15.54
447	01/19/13	1	15	22	\$6.01	\$ 21.32	\$20.19	447	0 \$	- \$	92.63	\$15.12
448	01/19/13	1	16	22	\$6.04	\$ 21.32	\$20.19	448	0 \$	- \$	92.43	\$15.20

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
449	01/19/13	1	17	23	\$6.14	\$ 21.48	\$20.33	449	0 \$	- \$	92.22	\$15.46
450	01/19/13	1	18	24	\$6.46	\$ 21.76	\$20.59	450	0 \$	- \$	92.01	\$16.27
451	01/19/13	1	19	25	\$6.23	\$ 22.23	\$21.03	451	0 \$	- \$	91.81	\$15.69
452	01/19/13	1	20	25	\$6.29	\$ 22.23	\$21.03	452	0 \$	- \$	91.61	\$15.83
453	01/19/13	1	21	25	\$6.14	\$ 22.23	\$21.03	453	0 \$	- \$	91.41	\$15.45
454	01/19/13	1	22	25	\$5.61	\$ 22.23	\$21.03	454	0 \$	- \$	91.20	\$14.12
455	01/19/13	1	23	24	\$5.38	\$ 21.76	\$20.59	455	0 \$	- \$	91.00	\$13.54
456	01/19/13	1	24	23	\$5.97	\$ 21.48	\$20.59	456	0 \$	- \$	90.80	\$15.02
457	01/20/13	1	1	23	\$6.61	\$ 21.48	\$20.59	457	0 \$	- \$	90.61	\$16.64
458	01/20/13	1	2	23	\$7.04	\$ 21.48	\$20.59	458	0 \$	- \$	90.41	\$17.72
459	01/20/13	1	3	23	\$7.32	\$ 21.48	\$20.59	459	0 \$	- \$	90.21	\$18.43
460	01/20/13	1	4	23	\$7.32	\$ 21.48	\$20.59	460	0 \$	- \$	90.01	\$18.43
461	01/20/13	1	5	24	\$7.70	\$ 21.76	\$20.59	461	0 \$	- \$	89.82	\$19.39
462	01/20/13	1	6	24	\$7.89	\$ 21.76	\$20.59	462	0 \$	- \$	89.62	\$19.87
463	01/20/13	1	7	24	\$9.66	\$ 21.76	\$20.59	463	0 \$	- \$	89.43	\$24.31
464	01/20/13	1	8	25	\$10.04	\$ 22.23	\$21.03	464	0 \$	- \$	89.24	\$25.27
465	01/20/13	1	9	26	\$11.02	\$ 22.95	\$21.75	465	0 \$	- \$	89.05	\$27.75
466	01/20/13	1	10	26	\$11.51	\$ 22.95	\$21.75	466	0 \$	- \$	88.86	\$28.97
467	01/20/13	1	11	26	\$11.16	\$ 22.95	\$21.75	467	0 \$	- \$	88.67	\$28.10
468	01/20/13	1	12	26	\$11.07	\$ 22.95	\$21.75	468	0 \$	- \$	88.48	\$27.87
469	01/20/13	1	13	26	\$10.71	\$ 22.95	\$21.75	469	0 \$	- \$	88.29	\$26.95
470	01/20/13	1	14	26	\$10.39	\$ 22.95	\$21.75	470	0 \$	- \$	88.10	\$26.14
471	01/20/13	1	15	26	\$9.59	\$ 22.95	\$21.75	471	0 \$	- \$	87.91	\$24.13
472	01/20/13	1	16	26	\$9.23	\$ 22.95	\$21.75	472	0 \$	- \$	87.73	\$23.23
473	01/20/13	1	17	26	\$11.50	\$ 22.95	\$21.75	473	0 \$	- \$	87.54	\$28.94
474	01/20/13	1	18	27	\$14.90	\$ 24.09	\$22.90	474	0 \$	- \$	87.36	\$37.51
475	01/20/13	1	19	28	\$12.76	\$ 25.89	\$24.69	475	0 \$	- \$	87.17	\$32.13
476	01/20/13	1	20	28	\$11.25	\$ 25.89	\$24.69	476	0 \$	- \$	86.99	\$28.32
477	01/20/13	1	21	27	\$8.78	\$ 24.09	\$22.90	477	0 \$	- \$	86.81	\$22.10
478	01/20/13	1	22	26	\$7.92	\$ 22.95	\$22.90	478	0 \$	- \$	86.62	\$19.93
479	01/20/13	1	23	26	\$7.31	\$ 22.95	\$21.75	479	0 \$	- \$	86.44	\$18.41
480	01/20/13	1	24	25	\$6.44	\$ 22.23	\$21.75	480	0 \$	- \$	86.26	\$16.22
481	01/21/13	1	1	25	\$6.21	\$ 22.23	\$21.03	481	0 \$	- \$	86.08	\$15.64
482	01/21/13	1	2	25	\$6.21	\$ 22.23	\$21.03	482	0 \$	- \$	85.91	\$15.63
483	01/21/13	1	3	26	\$6.19	\$ 22.95	\$21.75	483	0 \$	- \$	85.73	\$15.57
484	01/21/13	1	4	26	\$6.11	\$ 22.95	\$21.75	484	0 \$	- \$	85.55	\$15.37
485	01/21/13	1	5	26	\$6.30	\$ 22.95	\$21.75	485	0 \$	- \$	85.37	\$15.87
486	01/21/13	1	6	28	\$7.04	\$ 25.89	\$24.69	486	0 \$	- \$	85.20	\$17.71
487	01/21/13	1	7	30	\$8.68	\$ 32.53	\$31.07	487	0 \$	- \$	85.02	\$21.84
488	01/21/13	1	8	31	\$9.84	\$ 38.08	\$36.21	488	0 \$	- \$	84.85	\$24.78
489	01/21/13	1	9	31	\$11.83	\$ 38.08	\$36.21	489	0 \$	- \$	84.68	\$29.77
490	01/21/13	1	10	31	\$13.03	\$ 38.08	\$36.21	490	0 \$	- \$	84.50	\$32.79
491	01/21/13	1	11	31	\$12.82	\$ 38.08	\$36.21	491	0 \$	- \$	84.33	\$32.28
492	01/21/13	1	12	31	\$12.33	\$ 38.08	\$36.21	492	0 \$	- \$	84.16	\$31.04
493	01/21/13	1	13	31	\$11.51	\$ 38.08	\$31.07	493	0 \$	- \$	83.99	\$28.98
494	01/21/13	1	14	31	\$10.91	\$ 38.08	\$31.07	494	0 \$	- \$	83.82	\$27.46
495	01/21/13	1	15	30	\$9.98	\$ 32.53	\$31.07	495	0 \$	- \$	83.65	\$25.13
496	01/21/13	1	16	30	\$10.67	\$ 32.53	\$31.07	496	0 \$	- \$	83.48	\$26.85
497	01/21/13	1	17	30	\$15.42	\$ 32.53	\$31.07	497	0 \$	- \$	83.31	\$38.81
498	01/21/13	1	18	32	\$19.55	\$ 45.72	\$36.21	498	0 \$	- \$	83.15	\$49.22
499	01/21/13	1	19	32	\$17.73	\$ 45.72	\$36.21	499	0 \$	- \$	82.98	\$44.62
500	01/21/13	1	20	32	\$16.34	\$ 45.72	\$36.21	500	0 \$	- \$	82.81	\$41.12
501	01/21/13	1	21	31	\$14.55	\$ 38.08	\$31.07	501	0 \$	- \$	82.65	\$36.62
502	01/21/13	1	22	31	\$12.70	\$ 38.08	\$31.07	502	0 \$	- \$	82.48	\$31.97
503	01/21/13	1	23	29	\$11.64	\$ 28.65	\$27.35	503	0 \$	- \$	82.32	\$29.30
504	01/21/13	1	24	28	\$10.02	\$ 25.89	\$22.90	504	0 \$	- \$	82.16	\$25.21

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
505	01/22/13	1	1	27	\$10.22	\$ 24.09	\$22.90	505	0 \$	- \$	81.99	\$25.73
506	01/22/13	1	2	27	\$9.77	\$ 24.09	\$22.90	506	0 \$	- \$	81.83	\$24.60
507	01/22/13	1	3	27	\$10.31	\$ 24.09	\$22.90	507	0 \$	- \$	81.67	\$25.96
508	01/22/13	1	4	27	\$10.60	\$ 24.09	\$22.90	508	0 \$	- \$	81.51	\$26.67
509	01/22/13	1	5	27	\$11.72	\$ 24.09	\$22.90	509	0 \$	- \$	81.35	\$29.50
510	01/22/13	1	6	28	\$14.99	\$ 25.89	\$22.90	510	0 \$	- \$	81.19	\$37.73
511	01/22/13	1	7	31	\$19.43	\$ 38.08	\$31.07	511	0 \$	- \$	81.03	\$48.91
512	01/22/13	1	8	32	\$19.79	\$ 45.72	\$43.07	512	0 \$	- \$	80.87	\$49.82
513	01/22/13	1	9	32	\$19.89	\$ 45.72	\$36.21	513	0 \$	- \$	80.71	\$50.07
514	01/22/13	1	10	31	\$19.06	\$ 38.08	\$31.07	514	0 \$	- \$	80.56	\$47.97
515	01/22/13	1	11	30	\$18.42	\$ 32.53	\$27.35	515	0 \$	- \$	80.40	\$46.37
516	01/22/13	1	12	29	\$16.83	\$ 28.65	\$24.69	516	0 \$	- \$	80.25	\$42.35
517	01/22/13	1	13	29	\$15.78	\$ 28.65	\$24.69	517	0 \$	- \$	80.09	\$39.71
518	01/22/13	1	14	29	\$14.83	\$ 28.65	\$24.69	518	0 \$	- \$	79.94	\$37.32
519	01/22/13	1	15	29	\$14.27	\$ 28.65	\$24.69	519	0 \$	- \$	79.78	\$35.93
520	01/22/13	1	16	29	\$14.60	\$ 28.65	\$27.35	520	0 \$	- \$	79.63	\$36.75
521	01/22/13	1	17	30	\$18.63	\$ 32.53	\$31.07	521	0 \$	- \$	79.48	\$46.90
522	01/22/13	1	18	31	\$23.06	\$ 38.08	\$36.21	522	0 \$	- \$	79.32	\$58.05
523	01/22/13	1	19	31	\$20.21	\$ 38.08	\$36.21	523	0 \$	- \$	79.17	\$50.88
524	01/22/13	1	20	31	\$18.82	\$ 38.08	\$31.07	524	0 \$	- \$	79.02	\$47.38
525	01/22/13	1	21	30	\$17.21	\$ 32.53	\$31.07	525	0 \$	- \$	78.87	\$43.33
526	01/22/13	1	22	29	\$14.11	\$ 28.65	\$27.35	526	0 \$	- \$	78.72	\$35.52
527	01/22/13	1	23	28	\$11.96	\$ 25.89	\$24.69	527	0 \$	- \$	78.57	\$30.11
528	01/22/13	1	24	27	\$11.07	\$ 24.09	\$22.90	528	0 \$	- \$	78.42	\$27.86
529	01/23/13	1	1	27	\$10.48	\$ 24.09	\$22.90	529	0 \$	- \$	78.27	\$26.39
530	01/23/13	1	2	27	\$10.03	\$ 24.09	\$21.75	530	0 \$	- \$	78.13	\$25.25
531	01/23/13	1	3	27	\$9.45	\$ 24.09	\$21.75	531	0 \$	- \$	77.98	\$23.79
532	01/23/13	1	4	26	\$10.05	\$ 22.95	\$21.75	532	0 \$	- \$	77.83	\$25.29
533	01/23/13	1	5	27	\$10.79	\$ 24.09	\$21.75	533	0 \$	- \$	77.69	\$27.15
534	01/23/13	1	6	28	\$13.14	\$ 25.89	\$24.69	534	0 \$	- \$	77.54	\$33.08
535	01/23/13	1	7	30	\$17.85	\$ 32.53	\$27.35	535	0 \$	- \$	77.40	\$44.93
536	01/23/13	1	8	31	\$17.74	\$ 38.08	\$36.21	536	0 \$	- \$	77.25	\$44.65
537	01/23/13	1	9	30	\$16.21	\$ 32.53	\$31.07	537	0 \$	- \$	77.11	\$40.81
538	01/23/13	1	10	30	\$15.12	\$ 32.53	\$27.35	538	0 \$	- \$	76.96	\$38.06
539	01/23/13	1	11	29	\$13.76	\$ 28.65	\$27.35	539	0 \$	- \$	76.82	\$34.64
540	01/23/13	1	12	29	\$12.96	\$ 28.65	\$27.35	540	0 \$	- \$	76.68	\$32.61
541	01/23/13	1	13	28	\$12.21	\$ 25.89	\$24.69	541	0 \$	- \$	76.54	\$30.73
542	01/23/13	1	14	28	\$10.14	\$ 25.89	\$24.69	542	0 \$	- \$	76.40	\$25.53
543	01/23/13	1	15	28	\$9.26	\$ 25.89	\$24.69	543	0 \$	- \$	76.26	\$23.30
544	01/23/13	1	16	28	\$9.20	\$ 25.89	\$24.69	544	0 \$	- \$	76.12	\$23.15
545	01/23/13	1	17	28	\$11.97	\$ 25.89	\$24.69	545	0 \$	- \$	75.98	\$30.12
546	01/23/13	1	18	29	\$14.76	\$ 28.65	\$27.35	546	0 \$	- \$	75.84	\$37.16
547	01/23/13	1	19	30	\$13.63	\$ 32.53	\$31.07	547	0 \$	- \$	75.70	\$34.31
548	01/23/13	1	20	30	\$13.08	\$ 32.53	\$31.07	548	0 \$	- \$	75.56	\$32.92
549	01/23/13	1	21	30	\$11.83	\$ 32.53	\$31.07	549	0 \$	- \$	75.42	\$29.78
550	01/23/13	1	22	30	\$9.69	\$ 32.53	\$27.35	550	0 \$	- \$	75.28	\$24.38
551	01/23/13	1	23	28	\$9.41	\$ 25.89	\$24.69	551	0 \$	- \$	75.15	\$23.69
552	01/23/13	1	24	28	\$7.91	\$ 25.89	\$22.90	552	0 \$	- \$	75.01	\$19.92
553	01/24/13	1	1	27	\$8.33	\$ 24.09	\$22.90	553	0 \$	- \$	74.88	\$20.97
554	01/24/13	1	2	27	\$8.68	\$ 24.09	\$22.90	554	0 \$	- \$	74.74	\$21.84
555	01/24/13	1	3	27	\$8.79	\$ 24.09	\$22.90	555	0 \$	- \$	74.61	\$22.12
556	01/24/13	1	4	27	\$9.67	\$ 24.09	\$22.90	556	0 \$	- \$	74.47	\$24.34
557	01/24/13	1	5	26	\$10.75	\$ 22.95	\$21.75	557	0 \$	- \$	74.34	\$27.05
558	01/24/13	1	6	27	\$13.99	\$ 24.09	\$22.90	558	0 \$	- \$	74.21	\$35.21
559	01/24/13	1	7	29	\$19.50	\$ 28.65	\$27.35	559	0 \$	- \$	74.07	\$49.08
560	01/24/13	1	8	30	\$18.16	\$ 32.53	\$31.07	560	0 \$	- \$	73.94	\$45.70

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
561	01/24/13	1	9	30	\$17.34	\$ 32.53	\$31.07	561	0 \$	- \$	73.81	\$43.64
562	01/24/13	1	10	30	\$16.97	\$ 32.53	\$31.07	562	0 \$	- \$	73.68	\$42.72
563	01/24/13	1	11	30	\$14.89	\$ 32.53	\$27.35	563	0 \$	- \$	73.55	\$37.48
564	01/24/13	1	12	30	\$13.19	\$ 32.53	\$27.35	564	0 \$	- \$	73.42	\$33.19
565	01/24/13	1	13	29	\$12.01	\$ 28.65	\$27.35	565	0 \$	- \$	73.29	\$30.22
566	01/24/13	1	14	29	\$10.88	\$ 28.65	\$27.35	566	0 \$	- \$	73.16	\$27.39
567	01/24/13	1	15	29	\$9.31	\$ 28.65	\$27.35	567	0 \$	- \$	73.03	\$23.43
568	01/24/13	1	16	28	\$9.32	\$ 25.89	\$24.69	568	0 \$	- \$	72.90	\$23.47
569	01/24/13	1	17	29	\$10.26	\$ 28.65	\$27.35	569	0 \$	- \$	72.77	\$25.83
570	01/24/13	1	18	30	\$12.82	\$ 32.53	\$31.07	570	0 \$	- \$	72.64	\$32.26
571	01/24/13	1	19	31	\$11.18	\$ 38.08	\$31.07	571	0 \$	- \$	72.52	\$28.14
572	01/24/13	1	20	31	\$9.59	\$ 38.08	\$31.07	572	0 \$	- \$	72.39	\$24.15
573	01/24/13	1	21	30	\$8.30	\$ 32.53	\$31.07	573	0 \$	- \$	72.26	\$20.88
574	01/24/13	1	22	29	\$7.54	\$ 28.65	\$27.35	574	0 \$	- \$	72.14	\$18.97
575	01/24/13	1	23	28	\$7.22	\$ 25.89	\$22.90	575	0 \$	- \$	72.01	\$18.18
576	01/24/13	1	24	26	\$7.18	\$ 22.95	\$21.75	576	0 \$	- \$	71.89	\$18.08
577	01/25/13	1	1	26	\$6.86	\$ 22.95	\$21.75	577	0 \$	- \$	71.76	\$17.26
578	01/25/13	1	2	26	\$6.81	\$ 22.95	\$21.03	578	0 \$	- \$	71.64	\$17.13
579	01/25/13	1	3	26	\$6.94	\$ 22.95	\$21.03	579	0 \$	- \$	71.51	\$17.48
580	01/25/13	1	4	26	\$7.01	\$ 22.95	\$21.03	580	0 \$	- \$	71.39	\$17.65
581	01/25/13	1	5	26	\$7.26	\$ 22.95	\$21.75	581	0 \$	- \$	71.27	\$18.27
582	01/25/13	1	6	27	\$8.59	\$ 24.09	\$21.75	582	0 \$	- \$	71.15	\$21.61
583	01/25/13	1	7	29	\$11.27	\$ 28.65	\$27.35	583	0 \$	- \$	71.02	\$28.38
584	01/25/13	1	8	30	\$12.33	\$ 32.53	\$31.07	584	0 \$	- \$	70.90	\$31.04
585	01/25/13	1	9	30	\$10.19	\$ 32.53	\$27.35	585	0 \$	- \$	70.78	\$25.64
586	01/25/13	1	10	28	\$9.72	\$ 25.89	\$22.90	586	0 \$	- \$	70.66	\$24.46
587	01/25/13	1	11	28	\$8.57	\$ 25.89	\$24.69	587	0 \$	- \$	70.54	\$21.57
588	01/25/13	1	12	28	\$7.49	\$ 25.89	\$22.90	588	0 \$	- \$	70.42	\$18.86
589	01/25/13	1	13	27	\$7.10	\$ 24.09	\$22.90	589	0 \$	- \$	70.30	\$17.87
590	01/25/13	1	14	27	\$6.97	\$ 24.09	\$21.75	590	0 \$	- \$	70.18	\$17.54
591	01/25/13	1	15	26	\$7.04	\$ 22.95	\$21.75	591	0 \$	- \$	70.06	\$17.71
592	01/25/13	1	16	26	\$7.09	\$ 22.95	\$21.75	592	0 \$	- \$	69.94	\$17.85
593	01/25/13	1	17	26	\$9.22	\$ 22.95	\$21.75	593	0 \$	- \$	69.83	\$23.22
594	01/25/13	1	18	27	\$12.28	\$ 24.09	\$22.90	594	0 \$	- \$	69.71	\$30.92
595	01/25/13	1	19	27	\$13.07	\$ 24.09	\$22.90	595	0 \$	- \$	69.59	\$32.91
596	01/25/13	1	20	27	\$12.66	\$ 24.09	\$22.90	596	0 \$	- \$	69.47	\$31.86
597	01/25/13	1	21	27	\$11.80	\$ 24.09	\$22.90	597	0 \$	- \$	69.36	\$29.69
598	01/25/13	1	22	27	\$11.01	\$ 24.09	\$21.75	598	0 \$	- \$	69.24	\$27.71
599	01/25/13	1	23	26	\$10.51	\$ 22.95	\$21.75	599	0 \$	- \$	69.13	\$26.45
600	01/25/13	1	24	25	\$10.73	\$ 22.23	\$21.03	600	0 \$	- \$	69.01	\$27.01
601	01/26/13	1	1	25	\$10.48	\$ 22.23	\$21.03	601	0 \$	- \$	68.90	\$26.39
602	01/26/13	1	2	25	\$10.11	\$ 22.23	\$21.03	602	0 \$	- \$	68.78	\$25.46
603	01/26/13	1	3	25	\$10.19	\$ 22.23	\$21.03	603	0 \$	- \$	68.67	\$25.65
604	01/26/13	1	4	25	\$9.92	\$ 22.23	\$21.03	604	0 \$	- \$	68.55	\$24.98
605	01/26/13	1	5	25	\$10.11	\$ 22.23	\$21.03	605	0 \$	- \$	68.44	\$25.45
606	01/26/13	1	6	25	\$9.88	\$ 22.23	\$21.03	606	0 \$	- \$	68.33	\$24.86
607	01/26/13	1	7	26	\$12.94	\$ 22.95	\$21.75	607	0 \$	- \$	68.22	\$32.56
608	01/26/13	1	8	26	\$13.24	\$ 22.95	\$21.75	608	0 \$	- \$	68.10	\$33.32
609	01/26/13	1	9	27	\$13.25	\$ 24.09	\$22.90	609	0 \$	- \$	67.99	\$33.34
610	01/26/13	1	10	27	\$13.45	\$ 24.09	\$22.90	610	0 \$	- \$	67.88	\$33.85
611	01/26/13	1	11	26	\$13.03	\$ 22.95	\$21.75	611	0 \$	- \$	67.77	\$32.80
612	01/26/13	1	12	26	\$10.02	\$ 22.95	\$21.75	612	0 \$	- \$	67.66	\$25.21
613	01/26/13	1	13	25	\$9.20	\$ 22.23	\$21.03	613	0 \$	- \$	67.55	\$23.16
614	01/26/13	1	14	25	\$9.11	\$ 22.23	\$21.03	614	0 \$	- \$	67.44	\$22.93
615	01/26/13	1	15	24	\$8.95	\$ 21.76	\$20.59	615	0 \$	- \$	67.33	\$22.53
616	01/26/13	1	16	24	\$8.88	\$ 21.76	\$20.33	616	0 \$	- \$	67.22	\$22.34

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
617	01/26/13	1	17	24	\$9.75	\$ 21.76	\$20.59	617	0 \$	- \$	67.11	\$24.54
618	01/26/13	1	18	25	\$12.04	\$ 22.23	\$21.03	618	0 \$	- \$	67.00	\$30.31
619	01/26/13	1	19	25	\$10.37	\$ 22.23	\$21.03	619	0 \$	- \$	66.89	\$26.11
620	01/26/13	1	20	25	\$8.01	\$ 22.23	\$21.03	620	0 \$	- \$	66.78	\$20.17
621	01/26/13	1	21	25	\$7.55	\$ 22.23	\$21.03	621	0 \$	- \$	66.68	\$19.01
622	01/26/13	1	22	24	\$6.76	\$ 21.76	\$20.59	622	0 \$	- \$	66.57	\$17.02
623	01/26/13	1	23	24	\$6.54	\$ 21.76	\$20.59	623	0 \$	- \$	66.46	\$16.46
624	01/26/13	1	24	23	\$5.82	\$ 21.48	\$20.33	624	0 \$	- \$	66.36	\$14.66
625	01/27/13	1	1	22	\$5.22	\$ 21.32	\$20.19	625	0 \$	- \$	66.25	\$13.14
626	01/27/13	1	2	22	\$5.13	\$ 21.32	\$20.19	626	0 \$	- \$	66.14	\$12.92
627	01/27/13	1	3	22	\$6.05	\$ 21.32	\$20.19	627	0 \$	- \$	66.04	\$15.22
628	01/27/13	1	4	22	\$6.07	\$ 21.32	\$20.19	628	0 \$	- \$	65.93	\$15.29
629	01/27/13	1	5	22	\$6.69	\$ 21.32	\$20.19	629	0 \$	- \$	65.83	\$16.83
630	01/27/13	1	6	22	\$7.21	\$ 21.32	\$20.19	630	0 \$	- \$	65.72	\$18.16
631	01/27/13	1	7	23	\$8.38	\$ 21.48	\$20.33	631	0 \$	- \$	65.62	\$21.09
632	01/27/13	1	8	23	\$8.46	\$ 21.48	\$20.33	632	0 \$	- \$	65.52	\$21.29
633	01/27/13	1	9	23	\$8.96	\$ 21.48	\$20.33	633	0 \$	- \$	65.41	\$22.55
634	01/27/13	1	10	24	\$9.40	\$ 21.76	\$20.59	634	0 \$	- \$	65.31	\$23.67
635	01/27/13	1	11	24	\$9.37	\$ 21.76	\$20.59	635	0 \$	- \$	65.21	\$23.58
636	01/27/13	1	12	24	\$9.27	\$ 21.76	\$20.59	636	0 \$	- \$	65.10	\$23.33
637	01/27/13	1	13	25	\$8.96	\$ 22.23	\$21.03	637	0 \$	- \$	65.00	\$22.56
638	01/27/13	1	14	24	\$9.42	\$ 21.76	\$21.03	638	0 \$	- \$	64.90	\$23.72
639	01/27/13	1	15	24	\$9.43	\$ 21.76	\$21.03	639	0 \$	- \$	64.80	\$23.74
640	01/27/13	1	16	24	\$9.67	\$ 21.76	\$21.03	640	0 \$	- \$	64.70	\$24.34
641	01/27/13	1	17	24	\$11.54	\$ 21.76	\$20.59	641	0 \$	- \$	64.60	\$29.04
642	01/27/13	1	18	25	\$14.99	\$ 22.23	\$21.03	642	0 \$	- \$	64.50	\$37.73
643	01/27/13	1	19	26	\$14.17	\$ 22.95	\$21.75	643	0 \$	- \$	64.40	\$35.67
644	01/27/13	1	20	24	\$13.66	\$ 21.76	\$21.03	644	0 \$	- \$	64.30	\$34.38
645	01/27/13	1	21	24	\$11.36	\$ 21.76	\$20.59	645	0 \$	- \$	64.20	\$28.60
646	01/27/13	1	22	24	\$10.58	\$ 21.76	\$20.59	646	0 \$	- \$	64.10	\$26.64
647	01/27/13	1	23	23	\$9.84	\$ 21.48	\$20.33	647	0 \$	- \$	64.00	\$24.78
648	01/27/13	1	24	22	\$8.57	\$ 21.32	\$20.19	648	0 \$	- \$	63.90	\$21.56
649	01/28/13	1	1	21	\$8.51	\$ 21.25	\$20.13	649	0 \$	- \$	63.80	\$21.41
650	01/28/13	1	2	21	\$8.34	\$ 21.25	\$20.13	650	0 \$	- \$	63.70	\$21.00
651	01/28/13	1	3	21	\$8.24	\$ 21.25	\$20.13	651	0 \$	- \$	63.60	\$20.75
652	01/28/13	1	4	21	\$8.36	\$ 21.25	\$20.13	652	0 \$	- \$	63.51	\$21.04
653	01/28/13	1	5	22	\$8.78	\$ 21.32	\$20.19	653	0 \$	- \$	63.41	\$22.10
654	01/28/13	1	6	23	\$11.36	\$ 21.48	\$20.33	654	0 \$	- \$	63.31	\$28.60
655	01/28/13	1	7	26	\$14.31	\$ 22.95	\$21.03	655	0 \$	- \$	63.22	\$36.03
656	01/28/13	1	8	27	\$14.45	\$ 24.09	\$22.90	656	0 \$	- \$	63.12	\$36.37
657	01/28/13	1	9	27	\$13.43	\$ 24.09	\$22.90	657	0 \$	- \$	63.02	\$33.81
658	01/28/13	1	10	27	\$12.87	\$ 24.09	\$22.90	658	0 \$	- \$	62.93	\$32.39
659	01/28/13	1	11	27	\$12.51	\$ 24.09	\$22.90	659	0 \$	- \$	62.83	\$31.48
660	01/28/13	1	12	27	\$11.57	\$ 24.09	\$22.90	660	0 \$	- \$	62.74	\$29.11
661	01/28/13	1	13	27	\$10.77	\$ 24.09	\$22.90	661	0 \$	- \$	62.64	\$27.11
662	01/28/13	1	14	27	\$10.39	\$ 24.09	\$22.90	662	0 \$	- \$	62.55	\$26.16
663	01/28/13	1	15	27	\$10.01	\$ 24.09	\$21.75	663	0 \$	- \$	62.45	\$25.19
664	01/28/13	1	16	26	\$10.29	\$ 22.95	\$21.75	664	0 \$	- \$	62.36	\$25.89
665	01/28/13	1	17	26	\$11.87	\$ 22.95	\$21.75	665	0 \$	- \$	62.27	\$29.87
666	01/28/13	1	18	27	\$15.90	\$ 24.09	\$22.90	666	0 \$	- \$	62.17	\$40.02
667	01/28/13	1	19	27	\$13.24	\$ 24.09	\$22.90	667	0 \$	- \$	62.08	\$33.33
668	01/28/13	1	20	27	\$11.99	\$ 24.09	\$22.90	668	0 \$	- \$	61.99	\$30.17
669	01/28/13	1	21	27	\$11.41	\$ 24.09	\$21.75	669	0 \$	- \$	61.89	\$28.72
670	01/28/13	1	22	26	\$10.04	\$ 22.95	\$21.03	670	0 \$	- \$	61.80	\$25.26
671	01/28/13	1	23	24	\$9.27	\$ 21.76	\$20.59	671	0 \$	- \$	61.71	\$23.33
672	01/28/13	1	24	23	\$7.58	\$ 21.48	\$20.33	672	0 \$	- \$	61.62	\$19.09

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
673	01/29/13	1	1	22	\$7.37	\$ 21.32	\$20.19	673	0 \$	- \$	61.53	\$18.55
674	01/29/13	1	2	22	\$7.01	\$ 21.32	\$20.19	674	0 \$	- \$	61.43	\$17.64
675	01/29/13	1	3	22	\$6.99	\$ 21.32	\$20.19	675	0 \$	- \$	61.34	\$17.59
676	01/29/13	1	4	21	\$6.96	\$ 21.25	\$20.13	676	0 \$	- \$	61.25	\$17.52
677	01/29/13	1	5	22	\$7.10	\$ 21.32	\$20.19	677	0 \$	- \$	61.16	\$17.88
678	01/29/13	1	6	22	\$8.39	\$ 21.32	\$20.13	678	0 \$	- \$	61.07	\$21.11
679	01/29/13	1	7	24	\$9.92	\$ 21.76	\$20.59	679	0 \$	- \$	60.98	\$24.97
680	01/29/13	1	8	24	\$10.86	\$ 21.76	\$20.59	680	0 \$	- \$	60.89	\$27.33
681	01/29/13	1	9	23	\$9.90	\$ 21.48	\$20.19	681	0 \$	- \$	60.80	\$24.91
682	01/29/13	1	10	23	\$9.80	\$ 21.48	\$20.33	682	0 \$	- \$	60.71	\$24.67
683	01/29/13	1	11	23	\$9.86	\$ 21.48	\$20.19	683	0 \$	- \$	60.62	\$24.83
684	01/29/13	1	12	23	\$9.63	\$ 21.48	\$20.19	684	0 \$	- \$	60.54	\$24.25
685	01/29/13	1	13	23	\$9.46	\$ 21.48	\$20.19	685	0 \$	- \$	60.45	\$23.80
686	01/29/13	1	14	23	\$9.36	\$ 21.48	\$20.19	686	0 \$	- \$	60.36	\$23.55
687	01/29/13	1	15	23	\$9.34	\$ 21.48	\$20.19	687	0 \$	- \$	60.27	\$23.50
688	01/29/13	1	16	23	\$9.27	\$ 21.48	\$20.19	688	0 \$	- \$	60.18	\$23.33
689	01/29/13	1	17	23	\$10.09	\$ 21.48	\$20.33	689	0 \$	- \$	60.10	\$25.39
690	01/29/13	1	18	25	\$11.44	\$ 22.23	\$20.59	690	0 \$	- \$	60.01	\$28.80
691	01/29/13	1	19	26	\$10.14	\$ 22.95	\$21.03	691	0 \$	- \$	59.92	\$25.52
692	01/29/13	1	20	26	\$8.49	\$ 22.95	\$21.03	692	0 \$	- \$	59.84	\$21.37
693	01/29/13	1	21	26	\$7.56	\$ 22.95	\$21.03	693	0 \$	- \$	59.75	\$19.02
694	01/29/13	1	22	25	\$6.65	\$ 22.23	\$21.03	694	0 \$	- \$	59.66	\$16.73
695	01/29/13	1	23	25	\$6.24	\$ 22.23	\$21.03	695	0 \$	- \$	59.58	\$15.71
696	01/29/13	1	24	24	\$3.91	\$ 21.76	\$20.59	696	0 \$	- \$	59.49	\$9.84
697	01/30/13	1	1	24	\$3.14	\$ 21.76	\$20.59	697	0 \$	- \$	59.41	\$7.91
698	01/30/13	1	2	24	\$2.56	\$ 21.76	\$20.33	698	0 \$	- \$	59.32	\$6.45
699	01/30/13	1	3	24	\$2.09	\$ 21.76	\$20.59	699	0 \$	- \$	59.24	\$5.26
700	01/30/13	1	4	24	\$2.24	\$ 21.76	\$20.59	700	0 \$	- \$	59.15	\$5.65
701	01/30/13	1	5	24	\$3.13	\$ 21.76	\$20.59	701	0 \$	- \$	59.07	\$7.88
702	01/30/13	1	6	26	\$4.48	\$ 22.95	\$21.03	702	0 \$	- \$	58.98	\$11.28
703	01/30/13	1	7	27	\$5.21	\$ 24.09	\$22.90	703	0 \$	- \$	58.90	\$13.11
704	01/30/13	1	8	28	\$5.94	\$ 25.89	\$24.69	704	0 \$	- \$	58.82	\$14.95
705	01/30/13	1	9	28	\$5.51	\$ 25.89	\$24.69	705	0 \$	- \$	58.73	\$13.88
706	01/30/13	1	10	28	\$5.60	\$ 25.89	\$24.69	706	0 \$	- \$	58.65	\$14.10
707	01/30/13	1	11	29	\$5.80	\$ 28.65	\$27.35	707	0 \$	- \$	58.57	\$14.60
708	01/30/13	1	12	29	\$5.63	\$ 28.65	\$24.69	708	0 \$	- \$	58.48	\$14.17
709	01/30/13	1	13	28	\$5.76	\$ 25.89	\$24.69	709	0 \$	- \$	58.40	\$14.49
710	01/30/13	1	14	29	\$6.11	\$ 28.65	\$27.35	710	0 \$	- \$	58.32	\$15.39
711	01/30/13	1	15	28	\$6.00	\$ 25.89	\$24.69	711	0 \$	- \$	58.24	\$15.11
712	01/30/13	1	16	28	\$6.08	\$ 25.89	\$24.69	712	0 \$	- \$	58.16	\$15.30
713	01/30/13	1	17	28	\$7.04	\$ 25.89	\$24.69	713	0 \$	- \$	58.07	\$17.73
714	01/30/13	1	18	30	\$8.12	\$ 32.53	\$31.07	714	0 \$	- \$	57.99	\$20.43
715	01/30/13	1	19	30	\$8.39	\$ 32.53	\$31.07	715	0 \$	- \$	57.91	\$21.13
716	01/30/13	1	20	30	\$8.03	\$ 32.53	\$31.07	716	0 \$	- \$	57.83	\$20.21
717	01/30/13	1	21	29	\$7.00	\$ 28.65	\$27.35	717	0 \$	- \$	57.75	\$17.62
718	01/30/13	1	22	28	\$6.83	\$ 25.89	\$24.69	718	0 \$	- \$	57.67	\$17.18
719	01/30/13	1	23	27	\$6.57	\$ 24.09	\$22.90	719	0 \$	- \$	57.59	\$16.53
720	01/30/13	1	24	26	\$6.69	\$ 22.95	\$21.75	720	0 \$	- \$	57.51	\$16.85
721	01/31/13	1	1	26	\$6.66	\$ 22.95	\$21.75	721	0 \$	- \$	57.43	\$16.76
722	01/31/13	1	2	24	\$6.64	\$ 21.76	\$21.03	722	0 \$	- \$	57.35	\$16.71
723	01/31/13	1	3	24	\$6.81	\$ 21.76	\$20.59	723	0 \$	- \$	57.27	\$17.13
724	01/31/13	1	4	25	\$6.94	\$ 22.23	\$21.03	724	0 \$	- \$	57.19	\$17.46
725	01/31/13	1	5	25	\$7.45	\$ 22.23	\$21.03	725	0 \$	- \$	57.11	\$18.74
726	01/31/13	1	6	26	\$8.63	\$ 22.95	\$21.75	726	0 \$	- \$	57.03	\$21.72
727	01/31/13	1	7	28	\$11.60	\$ 25.89	\$24.69	727	0 \$	- \$	56.96	\$29.19
728	01/31/13	1	8	30	\$11.37	\$ 32.53	\$31.07	728	0 \$	- \$	56.88	\$28.63

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
729	01/31/13	1	9	29	\$10.11	\$ 28.65	\$27.35	729	0 \$	- \$	56.80	\$25.45
730	01/31/13	1	10	29	\$9.26	\$ 28.65	\$27.35	730	0 \$	- \$	56.72	\$23.32
731	01/31/13	1	11	30	\$7.80	\$ 32.53	\$27.35	731	0 \$	- \$	56.64	\$19.63
732	01/31/13	1	12	30	\$7.65	\$ 32.53	\$31.07	732	0 \$	- \$	56.57	\$19.26
733	01/31/13	1	13	30	\$7.23	\$ 32.53	\$31.07	733	0 \$	- \$	56.49	\$18.19
734	01/31/13	1	14	30	\$7.17	\$ 32.53	\$31.07	734	0 \$	- \$	56.41	\$18.06
735	01/31/13	1	15	30	\$7.21	\$ 32.53	\$31.07	735	0 \$	- \$	56.34	\$18.15
736	01/31/13	1	16	30	\$7.48	\$ 32.53	\$31.07	736	0 \$	- \$	56.26	\$18.84
737	01/31/13	1	17	31	\$9.53	\$ 38.08	\$31.07	737	0 \$	- \$	56.18	\$24.00
738	01/31/13	1	18	32	\$12.78	\$ 45.72	\$36.21	738	0 \$	- \$	56.11	\$32.16
739	01/31/13	1	19	33	\$12.13	\$ 56.49	\$51.98	739	0 \$	- \$	56.03	\$30.52
740	01/31/13	1	20	32	\$11.87	\$ 45.72	\$43.07	740	0 \$	- \$	55.95	\$29.87
741	01/31/13	1	21	32	\$10.85	\$ 45.72	\$43.07	741	0 \$	- \$	55.88	\$27.31
742	01/31/13	1	22	31	\$10.19	\$ 38.08	\$36.21	742	0 \$	- \$	55.80	\$25.66
743	01/31/13	1	23	30	\$9.72	\$ 32.53	\$31.07	743	0 \$	- \$	55.73	\$24.47
744	01/31/13	1	24	29	\$9.36	\$ 28.65	\$27.35	744	0 \$	- \$	55.65	\$23.55
745	02/01/13	2	1	28	\$8.86	\$ 25.89	\$24.69	745	0 \$	- \$	55.58	\$22.29
746	02/01/13	2	2	28	\$9.12	\$ 25.89	\$24.69	746	0 \$	- \$	55.50	\$22.96
747	02/01/13	2	3	28	\$10.06	\$ 25.89	\$24.69	747	0 \$	- \$	55.43	\$25.32
748	02/01/13	2	4	28	\$10.64	\$ 25.89	\$24.69	748	0 \$	- \$	55.36	\$26.77
749	02/01/13	2	5	29	\$11.36	\$ 28.65	\$24.69	749	0 \$	- \$	55.28	\$28.59
750	02/01/13	2	6	30	\$14.62	\$ 32.53	\$27.35	750	0 \$	- \$	55.21	\$36.81
751	02/01/13	2	7	31	\$21.69	\$ 38.08	\$36.21	751	0 \$	- \$	55.14	\$54.60
752	02/01/13	2	8	32	\$22.01	\$ 45.72	\$43.07	752	0 \$	- \$	55.06	\$55.40
753	02/01/13	2	9	32	\$19.66	\$ 45.72	\$43.07	753	0 \$	- \$	54.99	\$49.49
754	02/01/13	2	10	32	\$18.53	\$ 45.72	\$36.21	754	0 \$	- \$	54.92	\$46.63
755	02/01/13	2	11	32	\$17.40	\$ 45.72	\$36.21	755	0 \$	- \$	54.84	\$43.80
756	02/01/13	2	12	31	\$16.77	\$ 38.08	\$36.21	756	0 \$	- \$	54.77	\$42.21
757	02/01/13	2	13	31	\$15.54	\$ 38.08	\$31.07	757	0 \$	- \$	54.70	\$39.12
758	02/01/13	2	14	30	\$14.95	\$ 32.53	\$31.07	758	0 \$	- \$	54.63	\$37.64
759	02/01/13	2	15	30	\$13.53	\$ 32.53	\$27.35	759	0 \$	- \$	54.55	\$34.06
760	02/01/13	2	16	29	\$12.95	\$ 28.65	\$27.35	760	0 \$	- \$	54.48	\$32.60
761	02/01/13	2	17	29	\$15.23	\$ 28.65	\$27.35	761	0 \$	- \$	54.41	\$38.33
762	02/01/13	2	18	30	\$19.17	\$ 32.53	\$27.35	762	0 \$	- \$	54.34	\$48.26
763	02/01/13	2	19	30	\$17.27	\$ 32.53	\$31.07	763	0 \$	- \$	54.27	\$43.46
764	02/01/13	2	20	30	\$15.56	\$ 32.53	\$27.35	764	0 \$	- \$	54.20	\$39.17
765	02/01/13	2	21	29	\$13.85	\$ 28.65	\$24.69	765	0 \$	- \$	54.13	\$34.87
766	02/01/13	2	22	28	\$12.24	\$ 25.89	\$24.69	766	0 \$	- \$	54.06	\$30.81
767	02/01/13	2	23	27	\$11.14	\$ 24.09	\$22.90	767	0 \$	- \$	53.99	\$28.05
768	02/01/13	2	24	26	\$8.55	\$ 22.95	\$21.75	768	0 \$	- \$	53.91	\$21.52
769	02/02/13	2	1	25	\$8.50	\$ 22.23	\$21.03	769	0 \$	- \$	53.84	\$21.39
770	02/02/13	2	2	24	\$8.35	\$ 21.76	\$20.59	770	0 \$	- \$	53.77	\$21.01
771	02/02/13	2	3	24	\$8.45	\$ 21.76	\$20.59	771	0 \$	- \$	53.71	\$21.26
772	02/02/13	2	4	24	\$8.31	\$ 21.76	\$20.59	772	0 \$	- \$	53.64	\$20.91
773	02/02/13	2	5	25	\$7.88	\$ 22.23	\$20.59	773	0 \$	- \$	53.57	\$19.84
774	02/02/13	2	6	25	\$8.82	\$ 22.23	\$21.03	774	0 \$	- \$	53.50	\$22.19
775	02/02/13	2	7	26	\$11.27	\$ 22.95	\$21.75	775	0 \$	- \$	53.43	\$28.38
776	02/02/13	2	8	27	\$13.57	\$ 24.09	\$22.90	776	0 \$	- \$	53.36	\$34.15
777	02/02/13	2	9	27	\$13.45	\$ 24.09	\$22.90	777	0 \$	- \$	53.29	\$33.86
778	02/02/13	2	10	27	\$14.17	\$ 24.09	\$22.90	778	0 \$	- \$	53.22	\$35.66
779	02/02/13	2	11	27	\$12.90	\$ 24.09	\$22.90	779	0 \$	- \$	53.15	\$32.47
780	02/02/13	2	12	27	\$12.53	\$ 24.09	\$22.90	780	0 \$	- \$	53.09	\$31.53
781	02/02/13	2	13	26	\$11.18	\$ 22.95	\$21.75	781	0 \$	- \$	53.02	\$28.15
782	02/02/13	2	14	25	\$10.26	\$ 22.23	\$21.75	782	0 \$	- \$	52.95	\$25.83
783	02/02/13	2	15	25	\$9.90	\$ 22.23	\$21.03	783	0 \$	- \$	52.88	\$24.91
784	02/02/13	2	16	26	\$9.68	\$ 22.95	\$21.75	784	0 \$	- \$	52.81	\$24.36

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
785	02/02/13	2	17	26	\$9.21	\$ 22.95	\$21.75	785	0 \$	- \$	52.75	\$23.18
786	02/02/13	2	18	27	\$11.17	\$ 24.09	\$22.90	786	0 \$	- \$	52.68	\$28.11
787	02/02/13	2	19	27	\$10.24	\$ 24.09	\$22.90	787	0 \$	- \$	52.61	\$25.77
788	02/02/13	2	20	27	\$9.57	\$ 24.09	\$22.90	788	0 \$	- \$	52.55	\$24.08
789	02/02/13	2	21	26	\$7.94	\$ 22.95	\$21.75	789	0 \$	- \$	52.48	\$19.98
790	02/02/13	2	22	25	\$6.79	\$ 22.23	\$21.03	790	0 \$	- \$	52.41	\$17.08
791	02/02/13	2	23	24	\$6.32	\$ 21.76	\$21.03	791	0 \$	- \$	52.35	\$15.92
792	02/02/13	2	24	24	\$5.10	\$ 21.76	\$20.59	792	0 \$	- \$	52.28	\$12.83
793	02/03/13	2	1	23	\$4.57	\$ 21.48	\$20.59	793	0 \$	- \$	52.22	\$11.51
794	02/03/13	2	2	23	\$4.50	\$ 21.48	\$20.59	794	0 \$	- \$	52.15	\$11.33
795	02/03/13	2	3	23	\$4.47	\$ 21.48	\$20.59	795	0 \$	- \$	52.08	\$11.26
796	02/03/13	2	4	23	\$4.67	\$ 21.48	\$20.33	796	0 \$	- \$	52.02	\$11.75
797	02/03/13	2	5	24	\$4.81	\$ 21.76	\$20.59	797	0 \$	- \$	51.95	\$12.11
798	02/03/13	2	6	24	\$5.53	\$ 21.76	\$20.59	798	0 \$	- \$	51.89	\$13.92
799	02/03/13	2	7	24	\$6.81	\$ 21.76	\$20.59	799	0 \$	- \$	51.82	\$17.15
800	02/03/13	2	8	25	\$7.44	\$ 22.23	\$21.03	800	0 \$	- \$	51.76	\$18.73
801	02/03/13	2	9	25	\$9.02	\$ 22.23	\$21.03	801	0 \$	- \$	51.69	\$22.71
802	02/03/13	2	10	25	\$10.04	\$ 22.23	\$21.03	802	0 \$	- \$	51.63	\$25.28
803	02/03/13	2	11	24	\$10.51	\$ 21.76	\$20.59	803	0 \$	- \$	51.56	\$26.45
804	02/03/13	2	12	24	\$10.65	\$ 21.76	\$20.59	804	0 \$	- \$	51.50	\$26.81
805	02/03/13	2	13	24	\$10.37	\$ 21.76	\$20.59	805	0 \$	- \$	51.44	\$26.09
806	02/03/13	2	14	24	\$10.15	\$ 21.76	\$20.59	806	0 \$	- \$	51.37	\$25.54
807	02/03/13	2	15	23	\$10.15	\$ 21.48	\$20.33	807	0 \$	- \$	51.31	\$25.54
808	02/03/13	2	16	23	\$10.39	\$ 21.48	\$20.33	808	0 \$	- \$	51.25	\$26.14
809	02/03/13	2	17	23	\$11.39	\$ 21.48	\$20.33	809	0 \$	- \$	51.18	\$28.67
810	02/03/13	2	18	24	\$14.54	\$ 21.76	\$21.03	810	0 \$	- \$	51.12	\$36.60
811	02/03/13	2	19	25	\$13.11	\$ 22.23	\$21.03	811	0 \$	- \$	51.06	\$33.01
812	02/03/13	2	20	25	\$11.89	\$ 22.23	\$21.03	812	0 \$	- \$	50.99	\$29.92
813	02/03/13	2	21	25	\$10.84	\$ 22.23	\$21.03	813	0 \$	- \$	50.93	\$27.28
814	02/03/13	2	22	24	\$9.73	\$ 21.76	\$20.59	814	0 \$	- \$	50.87	\$24.50
815	02/03/13	2	23	24	\$8.90	\$ 21.76	\$20.59	815	0 \$	- \$	50.81	\$22.40
816	02/03/13	2	24	23	\$8.20	\$ 21.48	\$20.33	816	0 \$	- \$	50.74	\$20.64
817	02/04/13	2	1	23	\$7.98	\$ 21.48	\$20.19	817	0 \$	- \$	50.68	\$20.09
818	02/04/13	2	2	22	\$8.00	\$ 21.32	\$20.19	818	0 \$	- \$	50.62	\$20.14
819	02/04/13	2	3	22	\$8.01	\$ 21.32	\$20.19	819	0 \$	- \$	50.56	\$20.17
820	02/04/13	2	4	21	\$8.27	\$ 21.25	\$20.13	820	0 \$	- \$	50.50	\$20.82
821	02/04/13	2	5	23	\$8.55	\$ 21.48	\$20.33	821	0 \$	- \$	50.43	\$21.53
822	02/04/13	2	6	24	\$11.14	\$ 21.76	\$20.59	822	0 \$	- \$	50.37	\$28.03
823	02/04/13	2	7	27	\$13.86	\$ 24.09	\$22.90	823	0 \$	- \$	50.31	\$34.89
824	02/04/13	2	8	28	\$13.17	\$ 25.89	\$24.69	824	0 \$	- \$	50.25	\$33.15
825	02/04/13	2	9	29	\$12.98	\$ 28.65	\$27.35	825	0 \$	- \$	50.19	\$32.68
826	02/04/13	2	10	28	\$13.35	\$ 25.89	\$24.69	826	0 \$	- \$	50.13	\$33.60
827	02/04/13	2	11	29	\$13.58	\$ 28.65	\$24.69	827	0 \$	- \$	50.07	\$34.19
828	02/04/13	2	12	28	\$12.36	\$ 25.89	\$24.69	828	0 \$	- \$	50.01	\$31.12
829	02/04/13	2	13	28	\$11.74	\$ 25.89	\$24.69	829	0 \$	- \$	49.95	\$29.54
830	02/04/13	2	14	28	\$11.41	\$ 25.89	\$22.90	830	0 \$	- \$	49.89	\$28.72
831	02/04/13	2	15	27	\$11.18	\$ 24.09	\$22.90	831	0 \$	- \$	49.83	\$28.14
832	02/04/13	2	16	27	\$11.20	\$ 24.09	\$22.90	832	0 \$	- \$	49.77	\$28.19
833	02/04/13	2	17	27	\$13.89	\$ 24.09	\$22.90	833	0 \$	- \$	49.71	\$34.96
834	02/04/13	2	18	28	\$18.14	\$ 25.89	\$24.69	834	0 \$	- \$	49.65	\$45.65
835	02/04/13	2	19	29	\$15.78	\$ 28.65	\$27.35	835	0 \$	- \$	49.59	\$39.71
836	02/04/13	2	20	29	\$14.60	\$ 28.65	\$27.35	836	0 \$	- \$	49.53	\$36.76
837	02/04/13	2	21	28	\$12.76	\$ 25.89	\$24.69	837	0 \$	- \$	49.47	\$32.11
838	02/04/13	2	22	28	\$11.00	\$ 25.89	\$22.90	838	0 \$	- \$	49.41	\$27.69
839	02/04/13	2	23	26	\$8.87	\$ 22.95	\$21.75	839	0 \$	- \$	49.35	\$22.33
840	02/04/13	2	24	25	\$5.63	\$ 22.23	\$21.03	840	0 \$	- \$	49.29	\$14.18

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
841	02/05/13	2	1	25	\$4.38	\$ 22.23	\$21.03	841	0 \$	- \$	49.24	\$11.03
842	02/05/13	2	2	24	\$4.23	\$ 21.76	\$20.59	842	0 \$	- \$	49.18	\$10.65
843	02/05/13	2	3	24	\$4.68	\$ 21.76	\$20.59	843	0 \$	- \$	49.12	\$11.77
844	02/05/13	2	4	24	\$4.68	\$ 21.76	\$20.59	844	0 \$	- \$	49.06	\$11.77
845	02/05/13	2	5	25	\$4.62	\$ 22.23	\$20.59	845	0 \$	- \$	49.00	\$11.62
846	02/05/13	2	6	26	\$6.12	\$ 22.95	\$21.75	846	0 \$	- \$	48.94	\$15.41
847	02/05/13	2	7	28	\$8.64	\$ 25.89	\$22.90	847	0 \$	- \$	48.89	\$21.75
848	02/05/13	2	8	28	\$9.07	\$ 25.89	\$24.69	848	0 \$	- \$	48.83	\$22.84
849	02/05/13	2	9	28	\$8.21	\$ 25.89	\$24.69	849	0 \$	- \$	48.77	\$20.66
850	02/05/13	2	10	28	\$8.59	\$ 25.89	\$22.90	850	0 \$	- \$	48.71	\$21.61
851	02/05/13	2	11	27	\$8.22	\$ 24.09	\$22.90	851	0 \$	- \$	48.66	\$20.69
852	02/05/13	2	12	27	\$8.30	\$ 24.09	\$21.75	852	0 \$	- \$	48.60	\$20.88
853	02/05/13	2	13	25	\$8.10	\$ 22.23	\$21.03	853	0 \$	- \$	48.54	\$20.40
854	02/05/13	2	14	24	\$8.21	\$ 21.76	\$20.33	854	0 \$	- \$	48.49	\$20.66
855	02/05/13	2	15	25	\$8.21	\$ 22.23	\$20.59	855	0 \$	- \$	48.43	\$20.67
856	02/05/13	2	16	25	\$8.35	\$ 22.23	\$20.59	856	0 \$	- \$	48.37	\$21.03
857	02/05/13	2	17	25	\$9.96	\$ 22.23	\$20.59	857	0 \$	- \$	48.32	\$25.07
858	02/05/13	2	18	25	\$12.96	\$ 22.23	\$21.03	858	0 \$	- \$	48.26	\$32.61
859	02/05/13	2	19	26	\$13.39	\$ 22.95	\$21.75	859	0 \$	- \$	48.20	\$33.70
860	02/05/13	2	20	26	\$13.53	\$ 22.95	\$21.75	860	0 \$	- \$	48.15	\$34.06
861	02/05/13	2	21	27	\$12.01	\$ 24.09	\$21.75	861	0 \$	- \$	48.09	\$30.24
862	02/05/13	2	22	27	\$10.77	\$ 24.09	\$21.75	862	0 \$	- \$	48.04	\$27.10
863	02/05/13	2	23	25	\$10.40	\$ 22.23	\$21.03	863	0 \$	- \$	47.98	\$26.18
864	02/05/13	2	24	25	\$9.98	\$ 22.23	\$21.03	864	0 \$	- \$	47.92	\$25.12
865	02/06/13	2	1	24	\$9.69	\$ 21.76	\$20.59	865	0 \$	- \$	47.87	\$24.40
866	02/06/13	2	2	24	\$9.28	\$ 21.76	\$20.59	866	0 \$	- \$	47.81	\$23.35
867	02/06/13	2	3	24	\$9.09	\$ 21.76	\$20.59	867	0 \$	- \$	47.76	\$22.87
868	02/06/13	2	4	24	\$8.93	\$ 21.76	\$20.59	868	0 \$	- \$	47.70	\$22.48
869	02/06/13	2	5	25	\$9.07	\$ 22.23	\$21.03	869	0 \$	- \$	47.65	\$22.83
870	02/06/13	2	6	26	\$9.77	\$ 22.95	\$21.75	870	0 \$	- \$	47.59	\$24.59
871	02/06/13	2	7	27	\$12.28	\$ 24.09	\$22.90	871	0 \$	- \$	47.54	\$30.90
872	02/06/13	2	8	27	\$11.57	\$ 24.09	\$22.90	872	0 \$	- \$	47.48	\$29.11
873	02/06/13	2	9	27	\$9.91	\$ 24.09	\$21.75	873	0 \$	- \$	47.43	\$24.94
874	02/06/13	2	10	26	\$9.36	\$ 22.95	\$21.75	874	0 \$	- \$	47.38	\$23.56
875	02/06/13	2	11	26	\$8.62	\$ 22.95	\$21.75	875	0 \$	- \$	47.32	\$21.70
876	02/06/13	2	12	25	\$8.28	\$ 22.23	\$21.03	876	0 \$	- \$	47.27	\$20.83
877	02/06/13	2	13	25	\$7.45	\$ 22.23	\$21.03	877	0 \$	- \$	47.21	\$18.74
878	02/06/13	2	14	26	\$7.37	\$ 22.95	\$21.75	878	0 \$	- \$	47.16	\$18.55
879	02/06/13	2	15	27	\$7.20	\$ 24.09	\$21.75	879	0 \$	- \$	47.11	\$18.13
880	02/06/13	2	16	27	\$7.21	\$ 24.09	\$22.90	880	0 \$	- \$	47.05	\$18.16
881	02/06/13	2	17	27	\$8.02	\$ 24.09	\$21.75	881	0 \$	- \$	47.00	\$20.19
882	02/06/13	2	18	27	\$10.51	\$ 24.09	\$22.90	882	0 \$	- \$	46.95	\$26.45
883	02/06/13	2	19	28	\$10.22	\$ 25.89	\$24.69	883	0 \$	- \$	46.89	\$25.73
884	02/06/13	2	20	28	\$9.51	\$ 25.89	\$24.69	884	0 \$	- \$	46.84	\$23.94
885	02/06/13	2	21	27	\$8.94	\$ 24.09	\$22.90	885	0 \$	- \$	46.79	\$22.51
886	02/06/13	2	22	26	\$7.80	\$ 22.95	\$21.75	886	0 \$	- \$	46.73	\$19.63
887	02/06/13	2	23	25	\$7.79	\$ 22.23	\$21.03	887	0 \$	- \$	46.68	\$19.60
888	02/06/13	2	24	24	\$7.62	\$ 21.76	\$20.59	888	0 \$	- \$	46.63	\$19.17
889	02/07/13	2	1	23	\$7.58	\$ 21.48	\$20.33	889	0 \$	- \$	46.58	\$19.07
890	02/07/13	2	2	23	\$7.65	\$ 21.48	\$20.33	890	0 \$	- \$	46.52	\$19.26
891	02/07/13	2	3	23	\$7.76	\$ 21.48	\$20.33	891	0 \$	- \$	46.47	\$19.54
892	02/07/13	2	4	23	\$7.89	\$ 21.48	\$20.33	892	0 \$	- \$	46.42	\$19.85
893	02/07/13	2	5	23	\$8.29	\$ 21.48	\$20.33	893	0 \$	- \$	46.37	\$20.86
894	02/07/13	2	6	25	\$9.14	\$ 22.23	\$20.59	894	0 \$	- \$	46.32	\$23.00
895	02/07/13	2	7	27	\$12.54	\$ 24.09	\$21.75	895	0 \$	- \$	46.26	\$31.56
896	02/07/13	2	8	27	\$12.77	\$ 24.09	\$22.90	896	0 \$	- \$	46.21	\$32.14

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
897	02/07/13	2	9	28	\$11.07	\$ 25.89	\$24.69	897	0 \$	- \$	46.16	\$27.86
898	02/07/13	2	10	28	\$10.48	\$ 25.89	\$24.69	898	0 \$	- \$	46.11	\$26.37
899	02/07/13	2	11	28	\$9.91	\$ 25.89	\$24.69	899	0 \$	- \$	46.06	\$24.94
900	02/07/13	2	12	28	\$9.75	\$ 25.89	\$22.90	900	0 \$	- \$	46.01	\$24.54
901	02/07/13	2	13	27	\$9.20	\$ 24.09	\$22.90	901	0 \$	- \$	45.96	\$23.15
902	02/07/13	2	14	27	\$8.85	\$ 24.09	\$21.75	902	0 \$	- \$	45.91	\$22.27
903	02/07/13	2	15	26	\$8.46	\$ 22.95	\$21.75	903	0 \$	- \$	45.85	\$21.30
904	02/07/13	2	16	26	\$7.98	\$ 22.95	\$21.75	904	0 \$	- \$	45.80	\$20.09
905	02/07/13	2	17	27	\$8.85	\$ 24.09	\$21.75	905	0 \$	- \$	45.75	\$22.28
906	02/07/13	2	18	28	\$11.99	\$ 25.89	\$24.69	906	0 \$	- \$	45.70	\$30.19
907	02/07/13	2	19	29	\$12.24	\$ 28.65	\$27.35	907	0 \$	- \$	45.65	\$30.82
908	02/07/13	2	20	29	\$11.02	\$ 28.65	\$24.69	908	0 \$	- \$	45.60	\$27.74
909	02/07/13	2	21	28	\$10.02	\$ 25.89	\$24.69	909	0 \$	- \$	45.55	\$25.22
910	02/07/13	2	22	27	\$8.75	\$ 24.09	\$22.90	910	0 \$	- \$	45.50	\$22.03
911	02/07/13	2	23	26	\$8.11	\$ 22.95	\$21.75	911	0 \$	- \$	45.45	\$20.41
912	02/07/13	2	24	25	\$8.20	\$ 22.23	\$21.03	912	0 \$	- \$	45.40	\$20.63
913	02/08/13	2	1	25	\$7.97	\$ 22.23	\$20.59	913	0 \$	- \$	45.35	\$20.05
914	02/08/13	2	2	25	\$8.07	\$ 22.23	\$20.59	914	0 \$	- \$	45.30	\$20.31
915	02/08/13	2	3	25	\$8.04	\$ 22.23	\$20.59	915	0 \$	- \$	45.25	\$20.24
916	02/08/13	2	4	25	\$8.11	\$ 22.23	\$20.59	916	0 \$	- \$	45.20	\$20.41
917	02/08/13	2	5	25	\$8.53	\$ 22.23	\$21.03	917	0 \$	- \$	45.15	\$21.46
918	02/08/13	2	6	26	\$10.30	\$ 22.95	\$21.03	918	0 \$	- \$	45.11	\$25.92
919	02/08/13	2	7	28	\$14.22	\$ 25.89	\$22.90	919	0 \$	- \$	45.06	\$35.79
920	02/08/13	2	8	28	\$14.68	\$ 25.89	\$24.69	920	0 \$	- \$	45.01	\$36.94
921	02/08/13	2	9	29	\$14.32	\$ 28.65	\$24.69	921	0 \$	- \$	44.96	\$36.05
922	02/08/13	2	10	29	\$13.62	\$ 28.65	\$24.69	922	0 \$	- \$	44.91	\$34.28
923	02/08/13	2	11	29	\$11.62	\$ 28.65	\$24.69	923	0 \$	- \$	44.86	\$29.26
924	02/08/13	2	12	29	\$10.81	\$ 28.65	\$24.69	924	0 \$	- \$	44.81	\$27.21
925	02/08/13	2	13	28	\$10.44	\$ 25.89	\$24.69	925	0 \$	- \$	44.76	\$26.29
926	02/08/13	2	14	28	\$10.10	\$ 25.89	\$24.69	926	0 \$	- \$	44.72	\$25.42
927	02/08/13	2	15	28	\$10.10	\$ 25.89	\$22.90	927	0 \$	- \$	44.67	\$25.43
928	02/08/13	2	16	28	\$9.76	\$ 25.89	\$22.90	928	0 \$	- \$	44.62	\$24.57
929	02/08/13	2	17	28	\$9.77	\$ 25.89	\$22.90	929	0 \$	- \$	44.57	\$24.58
930	02/08/13	2	18	28	\$10.17	\$ 25.89	\$22.90	930	0 \$	- \$	44.52	\$25.60
931	02/08/13	2	19	28	\$9.02	\$ 25.89	\$24.69	931	0 \$	- \$	44.48	\$22.71
932	02/08/13	2	20	28	\$7.92	\$ 25.89	\$24.69	932	0 \$	- \$	44.43	\$19.93
933	02/08/13	2	21	28	\$7.65	\$ 25.89	\$22.90	933	0 \$	- \$	44.38	\$19.25
934	02/08/13	2	22	27	\$6.29	\$ 24.09	\$22.90	934	0 \$	- \$	44.33	\$15.82
935	02/08/13	2	23	26	\$5.36	\$ 22.95	\$21.75	935	0 \$	- \$	44.29	\$13.48
936	02/08/13	2	24	25	\$3.57	\$ 22.23	\$21.03	936	0 \$	- \$	44.24	\$8.99
937	02/09/13	2	1	24	\$3.29	\$ 21.76	\$20.59	937	0 \$	- \$	44.19	\$8.28
938	02/09/13	2	2	24	\$2.81	\$ 21.76	\$20.59	938	0 \$	- \$	44.14	\$7.08
939	02/09/13	2	3	23	\$2.59	\$ 21.48	\$20.33	939	0 \$	- \$	44.10	\$6.53
940	02/09/13	2	4	23	\$2.56	\$ 21.48	\$20.33	940	0 \$	- \$	44.05	\$6.44
941	02/09/13	2	5	24	\$2.29	\$ 21.76	\$20.59	941	0 \$	- \$	44.00	\$5.77
942	02/09/13	2	6	24	\$3.14	\$ 21.76	\$20.59	942	0 \$	- \$	43.96	\$7.91
943	02/09/13	2	7	25	\$5.06	\$ 22.23	\$21.03	943	0 \$	- \$	43.91	\$12.74
944	02/09/13	2	8	26	\$5.80	\$ 22.95	\$21.03	944	0 \$	- \$	43.86	\$14.60
945	02/09/13	2	9	26	\$6.01	\$ 22.95	\$21.75	945	0 \$	- \$	43.82	\$15.12
946	02/09/13	2	10	26	\$6.12	\$ 22.95	\$21.75	946	0 \$	- \$	43.77	\$15.40
947	02/09/13	2	11	25	\$6.38	\$ 22.23	\$21.03	947	0 \$	- \$	43.72	\$16.06
948	02/09/13	2	12	25	\$6.58	\$ 22.23	\$21.03	948	0 \$	- \$	43.68	\$16.55
949	02/09/13	2	13	25	\$6.57	\$ 22.23	\$21.03	949	0 \$	- \$	43.63	\$16.53
950	02/09/13	2	14	25	\$6.56	\$ 22.23	\$20.59	950	0 \$	- \$	43.59	\$16.52
951	02/09/13	2	15	24	\$6.70	\$ 21.76	\$20.59	951	0 \$	- \$	43.54	\$16.86
952	02/09/13	2	16	24	\$6.79	\$ 21.76	\$20.59	952	0 \$	- \$	43.49	\$17.08

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
953	02/09/13	2	17	24	\$7.70	\$ 21.76	\$20.59	953	0 \$	- \$	43.45	\$19.38
954	02/09/13	2	18	24	\$8.70	\$ 21.76	\$20.59	954	0 \$	- \$	43.40	\$21.91
955	02/09/13	2	19	25	\$8.42	\$ 22.23	\$21.03	955	0 \$	- \$	43.36	\$21.20
956	02/09/13	2	20	25	\$7.75	\$ 22.23	\$21.03	956	0 \$	- \$	43.31	\$19.51
957	02/09/13	2	21	25	\$6.85	\$ 22.23	\$21.03	957	0 \$	- \$	43.27	\$17.25
958	02/09/13	2	22	24	\$6.67	\$ 21.76	\$20.59	958	0 \$	- \$	43.22	\$16.79
959	02/09/13	2	23	23	\$6.51	\$ 21.48	\$20.33	959	0 \$	- \$	43.18	\$16.38
960	02/09/13	2	24	22	\$5.52	\$ 21.32	\$20.19	960	0 \$	- \$	43.13	\$13.90
961	02/10/13	2	1	22	\$5.24	\$ 21.32	\$20.19	961	0 \$	- \$	43.09	\$13.19
962	02/10/13	2	2	21	\$4.75	\$ 21.25	\$20.19	962	0 \$	- \$	43.04	\$11.96
963	02/10/13	2	3	21	\$4.55	\$ 21.25	\$20.13	963	0 \$	- \$	43.00	\$11.45
964	02/10/13	2	4	21	\$4.05	\$ 21.25	\$20.13	964	0 \$	- \$	42.95	\$10.20
965	02/10/13	2	5	21	\$3.89	\$ 21.25	\$20.13	965	0 \$	- \$	42.91	\$9.80
966	02/10/13	2	6	22	\$4.27	\$ 21.32	\$20.19	966	0 \$	- \$	42.86	\$10.76
967	02/10/13	2	7	22	\$5.48	\$ 21.32	\$20.19	967	0 \$	- \$	42.82	\$13.80
968	02/10/13	2	8	23	\$6.11	\$ 21.48	\$20.33	968	0 \$	- \$	42.78	\$15.39
969	02/10/13	2	9	23	\$6.34	\$ 21.48	\$20.33	969	0 \$	- \$	42.73	\$15.96
970	02/10/13	2	10	24	\$6.40	\$ 21.76	\$20.59	970	0 \$	- \$	42.69	\$16.10
971	02/10/13	2	11	24	\$6.38	\$ 21.76	\$20.59	971	0 \$	- \$	42.64	\$16.06
972	02/10/13	2	12	24	\$6.28	\$ 21.76	\$20.59	972	0 \$	- \$	42.60	\$15.80
973	02/10/13	2	13	23	\$6.28	\$ 21.48	\$20.33	973	0 \$	- \$	42.56	\$15.81
974	02/10/13	2	14	23	\$6.33	\$ 21.48	\$20.33	974	0 \$	- \$	42.51	\$15.93
975	02/10/13	2	15	23	\$6.60	\$ 21.48	\$20.33	975	0 \$	- \$	42.47	\$16.61
976	02/10/13	2	16	23	\$6.69	\$ 21.48	\$20.33	976	0 \$	- \$	42.42	\$16.84
977	02/10/13	2	17	24	\$7.15	\$ 21.76	\$20.59	977	0 \$	- \$	42.38	\$17.99
978	02/10/13	2	18	25	\$7.93	\$ 22.23	\$21.03	978	0 \$	- \$	42.34	\$19.96
979	02/10/13	2	19	25	\$7.16	\$ 22.23	\$21.03	979	0 \$	- \$	42.29	\$18.03
980	02/10/13	2	20	26	\$6.77	\$ 22.95	\$21.75	980	0 \$	- \$	42.25	\$17.05
981	02/10/13	2	21	25	\$6.12	\$ 22.23	\$21.03	981	0 \$	- \$	42.21	\$15.40
982	02/10/13	2	22	24	\$3.88	\$ 21.76	\$20.59	982	0 \$	- \$	42.17	\$9.76
983	02/10/13	2	23	24	\$2.51	\$ 21.76	\$20.59	983	0 \$	- \$	42.12	\$6.33
984	02/10/13	2	24	23	\$0.85	\$ 21.48	\$20.33	984	0 \$	- \$	42.08	\$2.15
985	02/11/13	2	1	23	\$0.54	\$ 21.48	\$20.33	985	0 \$	- \$	42.04	\$1.35
986	02/11/13	2	2	22	-\$0.16	\$ 21.32	\$20.19	986	0 \$	- \$	41.99	-\$0.41
987	02/11/13	2	3	23	-\$0.30	\$ 21.48	\$20.33	987	0 \$	- \$	41.95	-\$0.76
988	02/11/13	2	4	23	-\$0.29	\$ 21.48	\$20.33	988	0 \$	- \$	41.91	-\$0.73
989	02/11/13	2	5	23	\$0.87	\$ 21.48	\$20.33	989	0 \$	- \$	41.87	\$2.19
990	02/11/13	2	6	25	\$3.45	\$ 22.23	\$21.03	990	0 \$	- \$	41.82	\$8.68
991	02/11/13	2	7	27	\$5.18	\$ 24.09	\$22.90	991	0 \$	- \$	41.78	\$13.03
992	02/11/13	2	8	28	\$6.36	\$ 25.89	\$24.69	992	0 \$	- \$	41.74	\$16.01
993	02/11/13	2	9	29	\$6.40	\$ 28.65	\$24.69	993	0 \$	- \$	41.70	\$16.10
994	02/11/13	2	10	29	\$6.35	\$ 28.65	\$24.69	994	0 \$	- \$	41.66	\$15.98
995	02/11/13	2	11	28	\$6.18	\$ 25.89	\$24.69	995	0 \$	- \$	41.61	\$15.55
996	02/11/13	2	12	29	\$6.23	\$ 28.65	\$24.69	996	0 \$	- \$	41.57	\$15.68
997	02/11/13	2	13	28	\$6.10	\$ 25.89	\$24.69	997	0 \$	- \$	41.53	\$15.35
998	02/11/13	2	14	28	\$6.13	\$ 25.89	\$24.69	998	0 \$	- \$	41.49	\$15.42
999	02/11/13	2	15	28	\$6.06	\$ 25.89	\$24.69	999	0 \$	- \$	41.45	\$15.26
1000	02/11/13	2	16	28	\$6.12	\$ 25.89	\$24.69	1000	0 \$	- \$	41.41	\$15.41
1001	02/11/13	2	17	28	\$7.12	\$ 25.89	\$24.69	1001	0 \$	- \$	41.37	\$17.91
1002	02/11/13	2	18	28	\$9.77	\$ 25.89	\$24.69	1002	0 \$	- \$	41.32	\$24.59
1003	02/11/13	2	19	29	\$9.96	\$ 28.65	\$27.35	1003	0 \$	- \$	41.28	\$25.06
1004	02/11/13	2	20	29	\$10.15	\$ 28.65	\$27.35	1004	0 \$	- \$	41.24	\$25.55
1005	02/11/13	2	21	28	\$9.90	\$ 25.89	\$24.69	1005	0 \$	- \$	41.20	\$24.93
1006	02/11/13	2	22	27	\$8.19	\$ 24.09	\$22.90	1006	0 \$	- \$	41.16	\$20.62
1007	02/11/13	2	23	26	\$7.85	\$ 22.95	\$21.75	1007	0 \$	- \$	41.12	\$19.76
1008	02/11/13	2	24	25	\$7.73	\$ 22.23	\$21.03	1008	0 \$	- \$	41.08	\$19.46

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1009	02/12/13	2	1	25	\$7.49	\$ 22.23	\$21.03	1009	0 \$	- \$	41.04	\$18.85
1010	02/12/13	2	2	24	\$7.37	\$ 21.76	\$20.59	1010	0 \$	- \$	41.00	\$18.56
1011	02/12/13	2	3	24	\$7.43	\$ 21.76	\$20.59	1011	0 \$	- \$	40.96	\$18.69
1012	02/12/13	2	4	24	\$7.58	\$ 21.76	\$20.59	1012	0 \$	- \$	40.92	\$19.07
1013	02/12/13	2	5	25	\$8.03	\$ 22.23	\$21.03	1013	0 \$	- \$	40.88	\$20.22
1014	02/12/13	2	6	26	\$10.04	\$ 22.95	\$21.75	1014	0 \$	- \$	40.83	\$25.26
1015	02/12/13	2	7	28	\$13.83	\$ 25.89	\$24.69	1015	0 \$	- \$	40.79	\$34.80
1016	02/12/13	2	8	29	\$13.27	\$ 28.65	\$27.35	1016	0 \$	- \$	40.75	\$33.39
1017	02/12/13	2	9	28	\$12.39	\$ 25.89	\$24.69	1017	0 \$	- \$	40.71	\$31.18
1018	02/12/13	2	10	28	\$11.55	\$ 25.89	\$24.69	1018	0 \$	- \$	40.67	\$29.06
1019	02/12/13	2	11	28	\$10.37	\$ 25.89	\$22.90	1019	0 \$	- \$	40.63	\$26.11
1020	02/12/13	2	12	27	\$9.19	\$ 24.09	\$21.75	1020	0 \$	- \$	40.59	\$23.14
1021	02/12/13	2	13	26	\$8.43	\$ 22.95	\$21.75	1021	0 \$	- \$	40.55	\$21.22
1022	02/12/13	2	14	26	\$7.60	\$ 22.95	\$21.75	1022	0 \$	- \$	40.52	\$19.13
1023	02/12/13	2	15	26	\$7.51	\$ 22.95	\$21.03	1023	0 \$	- \$	40.48	\$18.91
1024	02/12/13	2	16	25	\$7.52	\$ 22.23	\$21.03	1024	0 \$	- \$	40.44	\$18.92
1025	02/12/13	2	17	24	\$8.63	\$ 21.76	\$20.59	1025	0 \$	- \$	40.40	\$21.72
1026	02/12/13	2	18	26	\$12.02	\$ 22.95	\$21.75	1026	0 \$	- \$	40.36	\$30.26
1027	02/12/13	2	19	28	\$12.39	\$ 25.89	\$22.90	1027	0 \$	- \$	40.32	\$31.19
1028	02/12/13	2	20	28	\$11.93	\$ 25.89	\$24.69	1028	0 \$	- \$	40.28	\$30.02
1029	02/12/13	2	21	27	\$10.10	\$ 24.09	\$22.90	1029	0 \$	- \$	40.24	\$25.43
1030	02/12/13	2	22	26	\$8.50	\$ 22.95	\$21.75	1030	0 \$	- \$	40.20	\$21.39
1031	02/12/13	2	23	25	\$7.62	\$ 22.23	\$21.03	1031	0 \$	- \$	40.16	\$19.17
1032	02/12/13	2	24	25	\$8.41	\$ 22.23	\$20.59	1032	0 \$	- \$	40.12	\$21.17
1033	02/13/13	2	1	24	\$8.16	\$ 21.76	\$20.59	1033	0 \$	- \$	40.08	\$20.53
1034	02/13/13	2	2	24	\$8.13	\$ 21.76	\$20.59	1034	0 \$	- \$	40.05	\$20.47
1035	02/13/13	2	3	24	\$8.24	\$ 21.76	\$20.59	1035	0 \$	- \$	40.01	\$20.74
1036	02/13/13	2	4	24	\$8.19	\$ 21.76	\$20.59	1036	0 \$	- \$	39.97	\$20.61
1037	02/13/13	2	5	24	\$9.06	\$ 21.76	\$20.59	1037	0 \$	- \$	39.93	\$22.81
1038	02/13/13	2	6	25	\$11.00	\$ 22.23	\$21.03	1038	0 \$	- \$	39.89	\$27.70
1039	02/13/13	2	7	27	\$14.76	\$ 24.09	\$22.90	1039	0 \$	- \$	39.85	\$37.14
1040	02/13/13	2	8	28	\$15.09	\$ 25.89	\$24.69	1040	0 \$	- \$	39.81	\$37.98
1041	02/13/13	2	9	27	\$13.48	\$ 24.09	\$22.90	1041	0 \$	- \$	39.78	\$33.92
1042	02/13/13	2	10	27	\$12.82	\$ 24.09	\$22.90	1042	0 \$	- \$	39.74	\$32.27
1043	02/13/13	2	11	27	\$11.11	\$ 24.09	\$21.75	1043	0 \$	- \$	39.70	\$27.97
1044	02/13/13	2	12	27	\$10.26	\$ 24.09	\$21.75	1044	0 \$	- \$	39.66	\$25.82
1045	02/13/13	2	13	27	\$9.40	\$ 24.09	\$21.75	1045	0 \$	- \$	39.62	\$23.67
1046	02/13/13	2	14	26	\$8.74	\$ 22.95	\$21.75	1046	0 \$	- \$	39.59	\$21.99
1047	02/13/13	2	15	26	\$8.45	\$ 22.95	\$21.75	1047	0 \$	- \$	39.55	\$21.26
1048	02/13/13	2	16	25	\$8.02	\$ 22.23	\$21.03	1048	0 \$	- \$	39.51	\$20.18
1049	02/13/13	2	17	26	\$8.38	\$ 22.95	\$21.03	1049	0 \$	- \$	39.47	\$21.10
1050	02/13/13	2	18	25	\$10.69	\$ 22.23	\$21.03	1050	0 \$	- \$	39.43	\$26.90
1051	02/13/13	2	19	27	\$10.21	\$ 24.09	\$21.75	1051	0 \$	- \$	39.40	\$25.71
1052	02/13/13	2	20	27	\$9.08	\$ 24.09	\$22.90	1052	0 \$	- \$	39.36	\$22.86
1053	02/13/13	2	21	26	\$7.19	\$ 22.95	\$21.75	1053	0 \$	- \$	39.32	\$18.10
1054	02/13/13	2	22	26	\$6.20	\$ 22.95	\$21.75	1054	0 \$	- \$	39.29	\$15.61
1055	02/13/13	2	23	25	\$5.13	\$ 22.23	\$20.59	1055	0 \$	- \$	39.25	\$12.91
1056	02/13/13	2	24	23	\$3.91	\$ 21.48	\$20.33	1056	0 \$	- \$	39.21	\$9.84
1057	02/14/13	2	1	23	\$3.49	\$ 21.48	\$20.33	1057	0 \$	- \$	39.17	\$8.78
1058	02/14/13	2	2	23	\$2.94	\$ 21.48	\$20.33	1058	0 \$	- \$	39.14	\$7.40
1059	02/14/13	2	3	23	\$3.15	\$ 21.48	\$20.33	1059	0 \$	- \$	39.10	\$7.94
1060	02/14/13	2	4	23	\$3.08	\$ 21.48	\$20.33	1060	0 \$	- \$	39.06	\$7.75
1061	02/14/13	2	5	23	\$3.67	\$ 21.48	\$20.33	1061	0 \$	- \$	39.03	\$9.25
1062	02/14/13	2	6	25	\$5.63	\$ 22.23	\$20.59	1062	0 \$	- \$	38.99	\$14.16
1063	02/14/13	2	7	26	\$7.42	\$ 22.95	\$21.75	1063	0 \$	- \$	38.95	\$18.67
1064	02/14/13	2	8	28	\$7.99	\$ 25.89	\$22.90	1064	0 \$	- \$	38.92	\$20.10

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HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1065	02/14/13	2	9	27	\$7.44	\$ 24.09	\$22.90	1065	0 \$	- \$	38.88	\$18.73
1066	02/14/13	2	10	28	\$6.95	\$ 25.89	\$22.90	1066	0 \$	- \$	38.84	\$17.49
1067	02/14/13	2	11	27	\$6.57	\$ 24.09	\$21.75	1067	0 \$	- \$	38.81	\$16.53
1068	02/14/13	2	12	26	\$6.48	\$ 22.95	\$21.75	1068	0 \$	- \$	38.77	\$16.30
1069	02/14/13	2	13	26	\$6.47	\$ 22.95	\$21.75	1069	0 \$	- \$	38.73	\$16.28
1070	02/14/13	2	14	26	\$6.42	\$ 22.95	\$21.75	1070	0 \$	- \$	38.70	\$16.16
1071	02/14/13	2	15	26	\$6.18	\$ 22.95	\$21.75	1071	0 \$	- \$	38.66	\$15.55
1072	02/14/13	2	16	26	\$5.91	\$ 22.95	\$21.75	1072	0 \$	- \$	38.63	\$14.88
1073	02/14/13	2	17	26	\$6.11	\$ 22.95	\$21.75	1073	0 \$	- \$	38.59	\$15.39
1074	02/14/13	2	18	26	\$8.01	\$ 22.95	\$21.75	1074	0 \$	- \$	38.55	\$20.17
1075	02/14/13	2	19	27	\$8.21	\$ 24.09	\$22.90	1075	0 \$	- \$	38.52	\$20.67
1076	02/14/13	2	20	27	\$7.68	\$ 24.09	\$22.90	1076	0 \$	- \$	38.48	\$19.33
1077	02/14/13	2	21	27	\$6.74	\$ 24.09	\$22.90	1077	0 \$	- \$	38.45	\$16.96
1078	02/14/13	2	22	26	\$5.98	\$ 22.95	\$21.75	1078	0 \$	- \$	38.41	\$15.06
1079	02/14/13	2	23	25	\$5.15	\$ 22.23	\$21.03	1079	0 \$	- \$	38.38	\$12.96
1080	02/14/13	2	24	25	\$6.02	\$ 22.23	\$20.59	1080	0 \$	- \$	38.34	\$15.15
1081	02/15/13	2	1	24	\$6.27	\$ 21.76	\$20.59	1081	0 \$	- \$	38.30	\$15.77
1082	02/15/13	2	2	24	\$6.27	\$ 21.76	\$20.59	1082	0 \$	- \$	38.27	\$15.79
1083	02/15/13	2	3	24	\$6.34	\$ 21.76	\$20.59	1083	0 \$	- \$	38.23	\$15.97
1084	02/15/13	2	4	24	\$6.59	\$ 21.76	\$20.59	1084	0 \$	- \$	38.20	\$16.58
1085	02/15/13	2	5	25	\$7.04	\$ 22.23	\$20.59	1085	0 \$	- \$	38.16	\$17.71
1086	02/15/13	2	6	26	\$9.22	\$ 22.95	\$21.75	1086	0 \$	- \$	38.13	\$23.22
1087	02/15/13	2	7	28	\$12.41	\$ 25.89	\$22.90	1087	0 \$	- \$	38.09	\$31.24
1088	02/15/13	2	8	28	\$13.31	\$ 25.89	\$24.69	1088	0 \$	- \$	38.06	\$33.49
1089	02/15/13	2	9	28	\$11.86	\$ 25.89	\$24.69	1089	0 \$	- \$	38.02	\$29.86
1090	02/15/13	2	10	28	\$11.72	\$ 25.89	\$24.69	1090	0 \$	- \$	37.99	\$29.51
1091	02/15/13	2	11	28	\$10.87	\$ 25.89	\$24.69	1091	0 \$	- \$	37.95	\$27.37
1092	02/15/13	2	12	28	\$9.98	\$ 25.89	\$22.90	1092	0 \$	- \$	37.92	\$25.12
1093	02/15/13	2	13	27	\$9.15	\$ 24.09	\$22.90	1093	0 \$	- \$	37.88	\$23.02
1094	02/15/13	2	14	27	\$8.82	\$ 24.09	\$22.90	1094	0 \$	- \$	37.85	\$22.19
1095	02/15/13	2	15	27	\$8.12	\$ 24.09	\$22.90	1095	0 \$	- \$	37.81	\$20.45
1096	02/15/13	2	16	27	\$8.00	\$ 24.09	\$22.90	1096	0 \$	- \$	37.78	\$20.14
1097	02/15/13	2	17	26	\$8.74	\$ 22.95	\$21.75	1097	0 \$	- \$	37.75	\$21.99
1098	02/15/13	2	18	27	\$10.99	\$ 24.09	\$22.90	1098	0 \$	- \$	37.71	\$27.66
1099	02/15/13	2	19	28	\$12.78	\$ 25.89	\$22.90	1099	0 \$	- \$	37.68	\$32.18
1100	02/15/13	2	20	28	\$11.41	\$ 25.89	\$24.69	1100	0 \$	- \$	37.64	\$28.72
1101	02/15/13	2	21	27	\$11.41	\$ 24.09	\$22.90	1101	0 \$	- \$	37.61	\$28.71
1102	02/15/13	2	22	27	\$9.43	\$ 24.09	\$22.90	1102	0 \$	- \$	37.57	\$23.73
1103	02/15/13	2	23	26	\$8.89	\$ 22.95	\$21.75	1103	0 \$	- \$	37.54	\$22.37
1104	02/15/13	2	24	25	\$9.35	\$ 22.23	\$21.03	1104	0 \$	- \$	37.51	\$23.54
1105	02/16/13	2	1	25	\$9.17	\$ 22.23	\$21.03	1105	0 \$	- \$	37.47	\$23.07
1106	02/16/13	2	2	24	\$9.11	\$ 21.76	\$20.59	1106	0 \$	- \$	37.44	\$22.92
1107	02/16/13	2	3	24	\$8.80	\$ 21.76	\$20.59	1107	0 \$	- \$	37.40	\$22.15
1108	02/16/13	2	4	24	\$8.72	\$ 21.76	\$20.59	1108	0 \$	- \$	37.37	\$21.95
1109	02/16/13	2	5	25	\$9.15	\$ 22.23	\$20.59	1109	0 \$	- \$	37.34	\$23.04
1110	02/16/13	2	6	25	\$10.15	\$ 22.23	\$21.03	1110	0 \$	- \$	37.30	\$25.56
1111	02/16/13	2	7	26	\$10.58	\$ 22.95	\$21.75	1111	0 \$	- \$	37.27	\$26.63
1112	02/16/13	2	8	26	\$11.86	\$ 22.95	\$21.75	1112	0 \$	- \$	37.24	\$29.85
1113	02/16/13	2	9	26	\$12.86	\$ 22.95	\$21.75	1113	0 \$	- \$	37.20	\$32.36
1114	02/16/13	2	10	26	\$13.25	\$ 22.95	\$21.75	1114	0 \$	- \$	37.17	\$33.36
1115	02/16/13	2	11	26	\$11.83	\$ 22.95	\$21.75	1115	0 \$	- \$	37.14	\$29.77
1116	02/16/13	2	12	25	\$10.65	\$ 22.23	\$21.03	1116	0 \$	- \$	37.10	\$26.80
1117	02/16/13	2	13	25	\$9.93	\$ 22.23	\$21.03	1117	0 \$	- \$	37.07	\$25.00
1118	02/16/13	2	14	25	\$9.46	\$ 22.23	\$21.03	1118	0 \$	- \$	37.04	\$23.81
1119	02/16/13	2	15	24	\$9.39	\$ 21.76	\$20.59	1119	0 \$	- \$	37.00	\$23.64
1120	02/16/13	2	16	24	\$9.35	\$ 21.76	\$20.59	1120	0 \$	- \$	36.97	\$23.53

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1121	02/16/13	2	17	24	\$9.94	\$ 21.76	\$20.59	1121	0 \$	- \$	36.94	\$25.01
1122	02/16/13	2	18	25	\$13.67	\$ 22.23	\$21.03	1122	0 \$	- \$	36.90	\$34.41
1123	02/16/13	2	19	26	\$14.60	\$ 22.95	\$21.75	1123	0 \$	- \$	36.87	\$36.74
1124	02/16/13	2	20	25	\$12.61	\$ 22.23	\$21.03	1124	0 \$	- \$	36.84	\$31.74
1125	02/16/13	2	21	25	\$11.12	\$ 22.23	\$21.03	1125	0 \$	- \$	36.81	\$28.00
1126	02/16/13	2	22	25	\$10.14	\$ 22.23	\$21.03	1126	0 \$	- \$	36.77	\$25.52
1127	02/16/13	2	23	24	\$9.12	\$ 21.76	\$20.59	1127	0 \$	- \$	36.74	\$22.96
1128	02/16/13	2	24	23	\$8.99	\$ 21.48	\$20.33	1128	0 \$	- \$	36.71	\$22.63
1129	02/17/13	2	1	23	\$8.82	\$ 21.48	\$20.33	1129	0 \$	- \$	36.68	\$22.20
1130	02/17/13	2	2	22	\$8.24	\$ 21.32	\$20.33	1130	0 \$	- \$	36.64	\$20.73
1131	02/17/13	2	3	23	\$8.38	\$ 21.48	\$20.33	1131	0 \$	- \$	36.61	\$21.10
1132	02/17/13	2	4	22	\$8.29	\$ 21.32	\$20.19	1132	0 \$	- \$	36.58	\$20.87
1133	02/17/13	2	5	23	\$7.23	\$ 21.48	\$20.33	1133	0 \$	- \$	36.55	\$18.19
1134	02/17/13	2	6	23	\$7.20	\$ 21.48	\$20.33	1134	0 \$	- \$	36.51	\$18.12
1135	02/17/13	2	7	23	\$7.29	\$ 21.48	\$20.33	1135	0 \$	- \$	36.48	\$18.34
1136	02/17/13	2	8	24	\$7.43	\$ 21.76	\$20.59	1136	0 \$	- \$	36.45	\$18.69
1137	02/17/13	2	9	24	\$7.50	\$ 21.76	\$21.03	1137	0 \$	- \$	36.42	\$18.87
1138	02/17/13	2	10	24	\$6.78	\$ 21.76	\$20.59	1138	0 \$	- \$	36.39	\$17.07
1139	02/17/13	2	11	23	\$6.27	\$ 21.48	\$20.33	1139	0 \$	- \$	36.35	\$15.78
1140	02/17/13	2	12	23	\$6.14	\$ 21.48	\$20.33	1140	0 \$	- \$	36.32	\$15.46
1141	02/17/13	2	13	23	\$5.89	\$ 21.48	\$20.19	1141	0 \$	- \$	36.29	\$14.82
1142	02/17/13	2	14	23	\$5.72	\$ 21.48	\$20.33	1142	0 \$	- \$	36.26	\$14.40
1143	02/17/13	2	15	22	\$5.48	\$ 21.32	\$20.19	1143	0 \$	- \$	36.23	\$13.79
1144	02/17/13	2	16	22	\$5.13	\$ 21.32	\$20.19	1144	0 \$	- \$	36.19	\$12.92
1145	02/17/13	2	17	23	\$5.61	\$ 21.48	\$20.33	1145	0 \$	- \$	36.16	\$14.11
1146	02/17/13	2	18	24	\$5.32	\$ 21.76	\$20.59	1146	0 \$	- \$	36.13	\$13.39
1147	02/17/13	2	19	25	\$6.31	\$ 22.23	\$21.03	1147	0 \$	- \$	36.10	\$15.88
1148	02/17/13	2	20	25	\$5.82	\$ 22.23	\$21.03	1148	0 \$	- \$	36.07	\$14.65
1149	02/17/13	2	21	25	\$5.78	\$ 22.23	\$21.03	1149	0 \$	- \$	36.04	\$14.56
1150	02/17/13	2	22	24	\$5.63	\$ 21.76	\$20.59	1150	0 \$	- \$	36.01	\$14.18
1151	02/17/13	2	23	23	\$4.79	\$ 21.48	\$20.33	1151	0 \$	- \$	35.97	\$12.05
1152	02/17/13	2	24	22	\$4.31	\$ 21.32	\$20.19	1152	0 \$	- \$	35.94	\$10.84
1153	02/18/13	2	1	22	\$4.06	\$ 21.32	\$20.19	1153	0 \$	- \$	35.91	\$10.21
1154	02/18/13	2	2	22	\$3.90	\$ 21.32	\$20.13	1154	0 \$	- \$	35.88	\$9.82
1155	02/18/13	2	3	22	\$4.17	\$ 21.32	\$20.13	1155	0 \$	- \$	35.85	\$10.49
1156	02/18/13	2	4	21	\$4.98	\$ 21.25	\$20.13	1156	0 \$	- \$	35.82	\$12.53
1157	02/18/13	2	5	22	\$5.96	\$ 21.32	\$20.19	1157	0 \$	- \$	35.79	\$15.00
1158	02/18/13	2	6	23	\$7.45	\$ 21.48	\$20.33	1158	0 \$	- \$	35.76	\$18.75
1159	02/18/13	2	7	25	\$9.44	\$ 22.23	\$21.03	1159	0 \$	- \$	35.73	\$23.77
1160	02/18/13	2	8	27	\$10.37	\$ 24.09	\$21.75	1160	0 \$	- \$	35.70	\$26.10
1161	02/18/13	2	9	27	\$9.48	\$ 24.09	\$21.75	1161	0 \$	- \$	35.66	\$23.87
1162	02/18/13	2	10	27	\$8.43	\$ 24.09	\$22.90	1162	0 \$	- \$	35.63	\$21.22
1163	02/18/13	2	11	27	\$6.90	\$ 24.09	\$22.90	1163	0 \$	- \$	35.60	\$17.37
1164	02/18/13	2	12	27	\$6.03	\$ 24.09	\$22.90	1164	0 \$	- \$	35.57	\$15.17
1165	02/18/13	2	13	27	\$5.53	\$ 24.09	\$22.90	1165	0 \$	- \$	35.54	\$13.93
1166	02/18/13	2	14	27	\$4.83	\$ 24.09	\$22.90	1166	0 \$	- \$	35.51	\$12.17
1167	02/18/13	2	15	27	\$4.59	\$ 24.09	\$22.90	1167	0 \$	- \$	35.48	\$11.55
1168	02/18/13	2	16	28	\$4.57	\$ 25.89	\$22.90	1168	0 \$	- \$	35.45	\$11.50
1169	02/18/13	2	17	27	\$4.68	\$ 24.09	\$22.90	1169	0 \$	- \$	35.42	\$11.78
1170	02/18/13	2	18	28	\$5.67	\$ 25.89	\$24.69	1170	0 \$	- \$	35.39	\$14.27
1171	02/18/13	2	19	29	\$6.17	\$ 28.65	\$27.35	1171	0 \$	- \$	35.36	\$15.52
1172	02/18/13	2	20	29	\$5.34	\$ 28.65	\$27.35	1172	0 \$	- \$	35.33	\$13.44
1173	02/18/13	2	21	29	\$4.43	\$ 28.65	\$24.69	1173	0 \$	- \$	35.30	\$11.16
1174	02/18/13	2	22	28	\$3.79	\$ 25.89	\$24.69	1174	0 \$	- \$	35.27	\$9.53
1175	02/18/13	2	23	26	\$2.30	\$ 22.95	\$21.75	1175	0 \$	- \$	35.24	\$5.80
1176	02/18/13	2	24	25	\$1.88	\$ 22.23	\$21.03	1176	0 \$	- \$	35.21	\$4.74

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1177	02/19/13	2	1	25	\$1.55	\$ 22.23	\$20.59	1177	0 \$	- \$	35.18	\$3.90
1178	02/19/13	2	2	24	\$1.49	\$ 21.76	\$20.59	1178	0 \$	- \$	35.15	\$3.74
1179	02/19/13	2	3	24	\$1.47	\$ 21.76	\$20.59	1179	0 \$	- \$	35.12	\$3.70
1180	02/19/13	2	4	25	\$1.46	\$ 22.23	\$21.03	1180	0 \$	- \$	35.09	\$3.67
1181	02/19/13	2	5	25	\$1.60	\$ 22.23	\$21.03	1181	0 \$	- \$	35.06	\$4.02
1182	02/19/13	2	6	26	\$4.26	\$ 22.95	\$21.75	1182	0 \$	- \$	35.03	\$10.73
1183	02/19/13	2	7	28	\$6.28	\$ 25.89	\$24.69	1183	0 \$	- \$	35.00	\$15.81
1184	02/19/13	2	8	28	\$6.58	\$ 25.89	\$22.90	1184	0 \$	- \$	34.97	\$16.55
1185	02/19/13	2	9	27	\$6.88	\$ 24.09	\$22.90	1185	0 \$	- \$	34.94	\$17.31
1186	02/19/13	2	10	26	\$6.94	\$ 22.95	\$21.75	1186	0 \$	- \$	34.91	\$17.46
1187	02/19/13	2	11	26	\$6.69	\$ 22.95	\$21.75	1187	0 \$	- \$	34.88	\$16.84
1188	02/19/13	2	12	26	\$6.45	\$ 22.95	\$21.03	1188	0 \$	- \$	34.85	\$16.23
1189	02/19/13	2	13	25	\$6.29	\$ 22.23	\$21.03	1189	0 \$	- \$	34.82	\$15.84
1190	02/19/13	2	14	25	\$6.09	\$ 22.23	\$21.03	1190	0 \$	- \$	34.80	\$15.34
1191	02/19/13	2	15	25	\$6.20	\$ 22.23	\$20.59	1191	0 \$	- \$	34.77	\$15.61
1192	02/19/13	2	16	24	\$6.19	\$ 21.76	\$20.59	1192	0 \$	- \$	34.74	\$15.59
1193	02/19/13	2	17	24	\$7.47	\$ 21.76	\$20.59	1193	0 \$	- \$	34.71	\$18.79
1194	02/19/13	2	18	25	\$11.81	\$ 22.23	\$21.03	1194	0 \$	- \$	34.68	\$29.73
1195	02/19/13	2	19	27	\$13.34	\$ 24.09	\$22.90	1195	0 \$	- \$	34.65	\$33.57
1196	02/19/13	2	20	27	\$12.81	\$ 24.09	\$22.90	1196	0 \$	- \$	34.62	\$32.24
1197	02/19/13	2	21	26	\$12.21	\$ 22.95	\$21.75	1197	0 \$	- \$	34.59	\$30.73
1198	02/19/13	2	22	27	\$10.11	\$ 24.09	\$22.90	1198	0 \$	- \$	34.56	\$25.45
1199	02/19/13	2	23	26	\$8.68	\$ 22.95	\$21.75	1199	0 \$	- \$	34.53	\$21.86
1200	02/19/13	2	24	25	\$7.98	\$ 22.23	\$21.03	1200	0 \$	- \$	34.51	\$20.08
1201	02/20/13	2	1	25	\$8.18	\$ 22.23	\$21.03	1201	0 \$	- \$	34.48	\$20.58
1202	02/20/13	2	2	25	\$8.74	\$ 22.23	\$21.03	1202	0 \$	- \$	34.45	\$22.01
1203	02/20/13	2	3	25	\$9.39	\$ 22.23	\$21.03	1203	0 \$	- \$	34.42	\$23.63
1204	02/20/13	2	4	25	\$9.82	\$ 22.23	\$21.03	1204	0 \$	- \$	34.39	\$24.73
1205	02/20/13	2	5	26	\$10.65	\$ 22.95	\$21.75	1205	0 \$	- \$	34.36	\$26.81
1206	02/20/13	2	6	27	\$12.98	\$ 24.09	\$22.90	1206	0 \$	- \$	34.33	\$32.66
1207	02/20/13	2	7	29	\$18.43	\$ 28.65	\$27.35	1207	0 \$	- \$	34.31	\$46.38
1208	02/20/13	2	8	30	\$19.15	\$ 32.53	\$31.07	1208	0 \$	- \$	34.28	\$48.20
1209	02/20/13	2	9	29	\$17.79	\$ 28.65	\$27.35	1209	0 \$	- \$	34.25	\$44.79
1210	02/20/13	2	10	29	\$16.22	\$ 28.65	\$24.69	1210	0 \$	- \$	34.22	\$40.83
1211	02/20/13	2	11	29	\$15.93	\$ 28.65	\$24.69	1211	0 \$	- \$	34.19	\$40.09
1212	02/20/13	2	12	28	\$14.55	\$ 25.89	\$22.90	1212	0 \$	- \$	34.16	\$36.62
1213	02/20/13	2	13	27	\$13.63	\$ 24.09	\$22.90	1213	0 \$	- \$	34.14	\$34.32
1214	02/20/13	2	14	27	\$12.92	\$ 24.09	\$22.90	1214	0 \$	- \$	34.11	\$32.51
1215	02/20/13	2	15	27	\$11.97	\$ 24.09	\$22.90	1215	0 \$	- \$	34.08	\$30.12
1216	02/20/13	2	16	27	\$11.76	\$ 24.09	\$21.75	1216	0 \$	- \$	34.05	\$29.59
1217	02/20/13	2	17	26	\$12.91	\$ 22.95	\$21.75	1217	0 \$	- \$	34.02	\$32.49
1218	02/20/13	2	18	27	\$16.21	\$ 24.09	\$22.90	1218	0 \$	- \$	34.00	\$40.81
1219	02/20/13	2	19	29	\$16.93	\$ 28.65	\$27.35	1219	0 \$	- \$	33.97	\$42.62
1220	02/20/13	2	20	29	\$14.39	\$ 28.65	\$27.35	1220	0 \$	- \$	33.94	\$36.21
1221	02/20/13	2	21	29	\$11.87	\$ 28.65	\$27.35	1221	0 \$	- \$	33.91	\$29.87
1222	02/20/13	2	22	28	\$9.65	\$ 25.89	\$24.69	1222	0 \$	- \$	33.88	\$24.30
1223	02/20/13	2	23	27	\$8.06	\$ 24.09	\$21.75	1223	0 \$	- \$	33.86	\$20.29
1224	02/20/13	2	24	26	\$7.42	\$ 22.95	\$21.75	1224	0 \$	- \$	33.83	\$18.68
1225	02/21/13	2	1	26	\$7.28	\$ 22.95	\$21.03	1225	0 \$	- \$	33.80	\$18.33
1226	02/21/13	2	2	25	\$7.01	\$ 22.23	\$21.03	1226	0 \$	- \$	33.77	\$17.64
1227	02/21/13	2	3	25	\$7.03	\$ 22.23	\$21.03	1227	0 \$	- \$	33.75	\$17.70
1228	02/21/13	2	4	25	\$7.03	\$ 22.23	\$21.03	1228	0 \$	- \$	33.72	\$17.69
1229	02/21/13	2	5	26	\$7.23	\$ 22.95	\$21.75	1229	0 \$	- \$	33.69	\$18.20
1230	02/21/13	2	6	27	\$7.17	\$ 24.09	\$22.90	1230	0 \$	- \$	33.66	\$18.05
1231	02/21/13	2	7	29	\$10.04	\$ 28.65	\$27.35	1231	0 \$	- \$	33.64	\$25.27
1232	02/21/13	2	8	30	\$12.00	\$ 32.53	\$27.35	1232	0 \$	- \$	33.61	\$30.21

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1233	02/21/13	2	9	30	\$10.46	\$ 32.53	\$31.07	1233	0 \$	- \$	33.58	\$26.33
1234	02/21/13	2	10	30	\$9.27	\$ 32.53	\$31.07	1234	0 \$	- \$	33.55	\$23.34
1235	02/21/13	2	11	30	\$8.76	\$ 32.53	\$27.35	1235	0 \$	- \$	33.53	\$22.05
1236	02/21/13	2	12	29	\$7.05	\$ 28.65	\$27.35	1236	0 \$	- \$	33.50	\$17.75
1237	02/21/13	2	13	29	\$6.80	\$ 28.65	\$27.35	1237	0 \$	- \$	33.47	\$17.11
1238	02/21/13	2	14	29	\$6.60	\$ 28.65	\$27.35	1238	0 \$	- \$	33.45	\$16.62
1239	02/21/13	2	15	30	\$6.51	\$ 32.53	\$27.35	1239	0 \$	- \$	33.42	\$16.39
1240	02/21/13	2	16	29	\$6.34	\$ 28.65	\$27.35	1240	0 \$	- \$	33.39	\$15.96
1241	02/21/13	2	17	29	\$6.42	\$ 28.65	\$27.35	1241	0 \$	- \$	33.37	\$16.16
1242	02/21/13	2	18	29	\$7.03	\$ 28.65	\$27.35	1242	0 \$	- \$	33.34	\$17.69
1243	02/21/13	2	19	30	\$8.31	\$ 32.53	\$31.07	1243	0 \$	- \$	33.31	\$20.92
1244	02/21/13	2	20	30	\$7.67	\$ 32.53	\$31.07	1244	0 \$	- \$	33.29	\$19.31
1245	02/21/13	2	21	29	\$7.04	\$ 28.65	\$27.35	1245	0 \$	- \$	33.26	\$17.71
1246	02/21/13	2	22	28	\$7.07	\$ 25.89	\$24.69	1246	0 \$	- \$	33.23	\$17.80
1247	02/21/13	2	23	27	\$6.69	\$ 24.09	\$22.90	1247	0 \$	- \$	33.21	\$16.84
1248	02/21/13	2	24	26	\$6.43	\$ 22.95	\$21.75	1248	0 \$	- \$	33.18	\$16.18
1249	02/22/13	2	1	25	\$6.43	\$ 22.23	\$21.03	1249	0 \$	- \$	33.15	\$16.18
1250	02/22/13	2	2	25	\$6.55	\$ 22.23	\$21.03	1250	0 \$	- \$	33.13	\$16.48
1251	02/22/13	2	3	25	\$6.77	\$ 22.23	\$21.03	1251	0 \$	- \$	33.10	\$17.04
1252	02/22/13	2	4	25	\$7.09	\$ 22.23	\$21.03	1252	0 \$	- \$	33.07	\$17.85
1253	02/22/13	2	5	25	\$7.48	\$ 22.23	\$21.03	1253	0 \$	- \$	33.05	\$18.83
1254	02/22/13	2	6	26	\$8.75	\$ 22.95	\$21.75	1254	0 \$	- \$	33.02	\$22.03
1255	02/22/13	2	7	27	\$11.68	\$ 24.09	\$22.90	1255	0 \$	- \$	32.99	\$29.41
1256	02/22/13	2	8	28	\$13.52	\$ 25.89	\$24.69	1256	0 \$	- \$	32.97	\$34.02
1257	02/22/13	2	9	28	\$13.52	\$ 25.89	\$22.90	1257	0 \$	- \$	32.94	\$34.04
1258	02/22/13	2	10	28	\$12.57	\$ 25.89	\$22.90	1258	0 \$	- \$	32.91	\$31.65
1259	02/22/13	2	11	27	\$11.89	\$ 24.09	\$22.90	1259	0 \$	- \$	32.89	\$29.94
1260	02/22/13	2	12	27	\$10.98	\$ 24.09	\$22.90	1260	0 \$	- \$	32.86	\$27.65
1261	02/22/13	2	13	27	\$10.49	\$ 24.09	\$22.90	1261	0 \$	- \$	32.84	\$26.41
1262	02/22/13	2	14	27	\$10.44	\$ 24.09	\$22.90	1262	0 \$	- \$	32.81	\$26.29
1263	02/22/13	2	15	25	\$9.89	\$ 22.23	\$21.03	1263	0 \$	- \$	32.78	\$24.89
1264	02/22/13	2	16	26	\$10.08	\$ 22.95	\$21.75	1264	0 \$	- \$	32.76	\$25.38
1265	02/22/13	2	17	26	\$9.77	\$ 22.95	\$21.75	1265	0 \$	- \$	32.73	\$24.60
1266	02/22/13	2	18	27	\$12.33	\$ 24.09	\$21.75	1266	0 \$	- \$	32.71	\$31.04
1267	02/22/13	2	19	28	\$13.93	\$ 25.89	\$22.90	1267	0 \$	- \$	32.68	\$35.07
1268	02/22/13	2	20	28	\$11.34	\$ 25.89	\$22.90	1268	0 \$	- \$	32.66	\$28.54
1269	02/22/13	2	21	27	\$10.35	\$ 24.09	\$21.75	1269	0 \$	- \$	32.63	\$26.04
1270	02/22/13	2	22	26	\$9.91	\$ 22.95	\$21.75	1270	0 \$	- \$	32.60	\$24.94
1271	02/22/13	2	23	25	\$9.16	\$ 22.23	\$21.03	1271	0 \$	- \$	32.58	\$23.05
1272	02/22/13	2	24	25	\$8.88	\$ 22.23	\$20.59	1272	0 \$	- \$	32.55	\$22.35
1273	02/23/13	2	1	24	\$8.86	\$ 21.76	\$20.59	1273	0 \$	- \$	32.53	\$22.31
1274	02/23/13	2	2	24	\$8.75	\$ 21.76	\$20.59	1274	0 \$	- \$	32.50	\$22.02
1275	02/23/13	2	3	24	\$8.73	\$ 21.76	\$20.59	1275	0 \$	- \$	32.48	\$21.97
1276	02/23/13	2	4	24	\$8.57	\$ 21.76	\$20.59	1276	0 \$	- \$	32.45	\$21.57
1277	02/23/13	2	5	24	\$8.65	\$ 21.76	\$20.59	1277	0 \$	- \$	32.42	\$21.78
1278	02/23/13	2	6	25	\$8.66	\$ 22.23	\$21.03	1278	0 \$	- \$	32.40	\$21.81
1279	02/23/13	2	7	26	\$9.61	\$ 22.95	\$21.75	1279	0 \$	- \$	32.37	\$24.20
1280	02/23/13	2	8	26	\$10.66	\$ 22.95	\$21.75	1280	0 \$	- \$	32.35	\$26.83
1281	02/23/13	2	9	26	\$12.10	\$ 22.95	\$21.75	1281	0 \$	- \$	32.32	\$30.45
1282	02/23/13	2	10	26	\$12.64	\$ 22.95	\$21.75	1282	0 \$	- \$	32.30	\$31.81
1283	02/23/13	2	11	26	\$11.60	\$ 22.95	\$21.75	1283	0 \$	- \$	32.27	\$29.19
1284	02/23/13	2	12	25	\$10.51	\$ 22.23	\$21.03	1284	0 \$	- \$	32.25	\$26.46
1285	02/23/13	2	13	24	\$9.98	\$ 21.76	\$20.59	1285	0 \$	- \$	32.22	\$25.13
1286	02/23/13	2	14	24	\$9.70	\$ 21.76	\$20.59	1286	0 \$	- \$	32.20	\$24.42
1287	02/23/13	2	15	23	\$9.52	\$ 21.48	\$20.33	1287	0 \$	- \$	32.17	\$23.95
1288	02/23/13	2	16	23	\$9.13	\$ 21.48	\$20.33	1288	0 \$	- \$	32.15	\$22.98

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1289	02/23/13	2	17	23	\$10.15	\$ 21.48	\$20.33	1289	0 \$	- \$	32.12	\$25.54
1290	02/23/13	2	18	24	\$13.61	\$ 21.76	\$20.59	1290	0 \$	- \$	32.10	\$34.25
1291	02/23/13	2	19	26	\$14.36	\$ 22.95	\$21.75	1291	0 \$	- \$	32.07	\$36.15
1292	02/23/13	2	20	26	\$12.84	\$ 22.95	\$21.75	1292	0 \$	- \$	32.05	\$32.32
1293	02/23/13	2	21	25	\$10.56	\$ 22.23	\$21.75	1293	0 \$	- \$	32.02	\$26.58
1294	02/23/13	2	22	25	\$9.80	\$ 22.23	\$21.75	1294	0 \$	- \$	32.00	\$24.66
1295	02/23/13	2	23	24	\$9.41	\$ 21.76	\$21.03	1295	0 \$	- \$	31.97	\$23.69
1296	02/23/13	2	24	24	\$9.32	\$ 21.76	\$20.59	1296	0 \$	- \$	31.95	\$23.45
1297	02/24/13	2	1	23	\$9.44	\$ 21.48	\$20.59	1297	0 \$	- \$	31.92	\$23.75
1298	02/24/13	2	2	23	\$9.09	\$ 21.48	\$20.33	1298	0 \$	- \$	31.90	\$22.89
1299	02/24/13	2	3	23	\$9.09	\$ 21.48	\$20.59	1299	0 \$	- \$	31.88	\$22.89
1300	02/24/13	2	4	23	\$8.95	\$ 21.48	\$20.33	1300	0 \$	- \$	31.85	\$22.52
1301	02/24/13	2	5	23	\$9.21	\$ 21.48	\$20.33	1301	0 \$	- \$	31.83	\$23.19
1302	02/24/13	2	6	23	\$9.66	\$ 21.48	\$20.59	1302	0 \$	- \$	31.80	\$24.31
1303	02/24/13	2	7	24	\$10.02	\$ 21.76	\$20.59	1303	0 \$	- \$	31.78	\$25.23
1304	02/24/13	2	8	24	\$10.60	\$ 21.76	\$21.03	1304	0 \$	- \$	31.75	\$26.68
1305	02/24/13	2	9	25	\$11.07	\$ 22.23	\$21.03	1305	0 \$	- \$	31.73	\$27.87
1306	02/24/13	2	10	25	\$11.13	\$ 22.23	\$21.03	1306	0 \$	- \$	31.70	\$28.01
1307	02/24/13	2	11	24	\$10.57	\$ 21.76	\$20.59	1307	0 \$	- \$	31.68	\$26.61
1308	02/24/13	2	12	24	\$10.34	\$ 21.76	\$20.59	1308	0 \$	- \$	31.66	\$26.02
1309	02/24/13	2	13	23	\$10.13	\$ 21.48	\$20.33	1309	0 \$	- \$	31.63	\$25.51
1310	02/24/13	2	14	23	\$9.97	\$ 21.48	\$20.33	1310	0 \$	- \$	31.61	\$25.09
1311	02/24/13	2	15	23	\$9.92	\$ 21.48	\$20.33	1311	0 \$	- \$	31.58	\$24.98
1312	02/24/13	2	16	23	\$10.05	\$ 21.48	\$20.33	1312	0 \$	- \$	31.56	\$25.29
1313	02/24/13	2	17	23	\$10.17	\$ 21.48	\$20.33	1313	0 \$	- \$	31.54	\$25.61
1314	02/24/13	2	18	23	\$13.63	\$ 21.48	\$20.59	1314	0 \$	- \$	31.51	\$34.30
1315	02/24/13	2	19	25	\$14.04	\$ 22.23	\$21.03	1315	0 \$	- \$	31.49	\$35.35
1316	02/24/13	2	20	25	\$13.42	\$ 22.23	\$21.75	1316	0 \$	- \$	31.46	\$33.79
1317	02/24/13	2	21	25	\$11.09	\$ 22.23	\$21.03	1317	0 \$	- \$	31.44	\$27.91
1318	02/24/13	2	22	24	\$10.15	\$ 21.76	\$20.59	1318	0 \$	- \$	31.42	\$25.55
1319	02/24/13	2	23	24	\$9.52	\$ 21.76	\$20.59	1319	0 \$	- \$	31.39	\$23.95
1320	02/24/13	2	24	23	\$9.00	\$ 21.48	\$20.33	1320	0 \$	- \$	31.37	\$22.66
1321	02/25/13	2	1	22	\$9.34	\$ 21.32	\$20.33	1321	0 \$	- \$	31.34	\$23.52
1322	02/25/13	2	2	22	\$9.07	\$ 21.32	\$20.19	1322	0 \$	- \$	31.32	\$22.83
1323	02/25/13	2	3	22	\$9.16	\$ 21.32	\$20.19	1323	0 \$	- \$	31.30	\$23.06
1324	02/25/13	2	4	22	\$9.24	\$ 21.32	\$20.19	1324	0 \$	- \$	31.27	\$23.26
1325	02/25/13	2	5	23	\$10.02	\$ 21.48	\$20.33	1325	0 \$	- \$	31.25	\$25.22
1326	02/25/13	2	6	24	\$11.70	\$ 21.76	\$20.59	1326	0 \$	- \$	31.23	\$29.45
1327	02/25/13	2	7	26	\$14.49	\$ 22.95	\$21.75	1327	0 \$	- \$	31.20	\$36.47
1328	02/25/13	2	8	27	\$14.93	\$ 24.09	\$22.90	1328	0 \$	- \$	31.18	\$37.57
1329	02/25/13	2	9	28	\$14.13	\$ 25.89	\$22.90	1329	0 \$	- \$	31.16	\$35.57
1330	02/25/13	2	10	27	\$13.89	\$ 24.09	\$22.90	1330	0 \$	- \$	31.13	\$34.97
1331	02/25/13	2	11	27	\$12.58	\$ 24.09	\$22.90	1331	0 \$	- \$	31.11	\$31.67
1332	02/25/13	2	12	26	\$11.77	\$ 22.95	\$21.75	1332	0 \$	- \$	31.09	\$29.63
1333	02/25/13	2	13	26	\$10.45	\$ 22.95	\$21.75	1333	0 \$	- \$	31.06	\$26.30
1334	02/25/13	2	14	26	\$9.90	\$ 22.95	\$21.75	1334	0 \$	- \$	31.04	\$24.92
1335	02/25/13	2	15	26	\$9.15	\$ 22.95	\$21.75	1335	0 \$	- \$	31.02	\$23.04
1336	02/25/13	2	16	26	\$8.77	\$ 22.95	\$21.03	1336	0 \$	- \$	30.99	\$22.08
1337	02/25/13	2	17	26	\$9.16	\$ 22.95	\$21.03	1337	0 \$	- \$	30.97	\$23.06
1338	02/25/13	2	18	26	\$12.37	\$ 22.95	\$21.75	1338	0 \$	- \$	30.95	\$31.13
1339	02/25/13	2	19	28	\$13.18	\$ 25.89	\$22.90	1339	0 \$	- \$	30.92	\$33.18
1340	02/25/13	2	20	28	\$11.73	\$ 25.89	\$22.90	1340	0 \$	- \$	30.90	\$29.52
1341	02/25/13	2	21	27	\$9.29	\$ 24.09	\$21.75	1341	0 \$	- \$	30.88	\$23.39
1342	02/25/13	2	22	26	\$8.64	\$ 22.95	\$21.75	1342	0 \$	- \$	30.85	\$21.76
1343	02/25/13	2	23	25	\$7.66	\$ 22.23	\$21.03	1343	0 \$	- \$	30.83	\$19.29
1344	02/25/13	2	24	24	\$7.93	\$ 21.76	\$20.59	1344	0 \$	- \$	30.81	\$19.95

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1345	02/26/13	2	1	23	\$7.60	\$ 21.48	\$20.33	1345	0 \$	- \$	30.79	\$19.12
1346	02/26/13	2	2	23	\$7.48	\$ 21.48	\$20.33	1346	0 \$	- \$	30.76	\$18.83
1347	02/26/13	2	3	23	\$7.36	\$ 21.48	\$20.33	1347	0 \$	- \$	30.74	\$18.52
1348	02/26/13	2	4	23	\$7.14	\$ 21.48	\$20.33	1348	0 \$	- \$	30.72	\$17.96
1349	02/26/13	2	5	24	\$7.50	\$ 21.76	\$20.59	1349	0 \$	- \$	30.69	\$18.89
1350	02/26/13	2	6	25	\$7.65	\$ 22.23	\$21.03	1350	0 \$	- \$	30.67	\$19.26
1351	02/26/13	2	7	27	\$10.20	\$ 24.09	\$22.90	1351	0 \$	- \$	30.65	\$25.68
1352	02/26/13	2	8	28	\$11.06	\$ 25.89	\$24.69	1352	0 \$	- \$	30.63	\$27.83
1353	02/26/13	2	9	28	\$10.36	\$ 25.89	\$24.69	1353	0 \$	- \$	30.60	\$26.08
1354	02/26/13	2	10	28	\$9.34	\$ 25.89	\$22.90	1354	0 \$	- \$	30.58	\$23.52
1355	02/26/13	2	11	28	\$8.75	\$ 25.89	\$22.90	1355	0 \$	- \$	30.56	\$22.03
1356	02/26/13	2	12	28	\$8.07	\$ 25.89	\$22.90	1356	0 \$	- \$	30.54	\$20.32
1357	02/26/13	2	13	27	\$7.31	\$ 24.09	\$22.90	1357	0 \$	- \$	30.51	\$18.40
1358	02/26/13	2	14	27	\$6.77	\$ 24.09	\$22.90	1358	0 \$	- \$	30.49	\$17.03
1359	02/26/13	2	15	27	\$6.54	\$ 24.09	\$22.90	1359	0 \$	- \$	30.47	\$16.47
1360	02/26/13	2	16	27	\$6.16	\$ 24.09	\$21.75	1360	0 \$	- \$	30.45	\$15.51
1361	02/26/13	2	17	26	\$6.65	\$ 22.95	\$21.75	1361	0 \$	- \$	30.42	\$16.73
1362	02/26/13	2	18	27	\$7.36	\$ 24.09	\$22.90	1362	0 \$	- \$	30.40	\$18.53
1363	02/26/13	2	19	28	\$9.02	\$ 25.89	\$22.90	1363	0 \$	- \$	30.38	\$22.71
1364	02/26/13	2	20	28	\$8.03	\$ 25.89	\$24.69	1364	0 \$	- \$	30.36	\$20.21
1365	02/26/13	2	21	28	\$6.37	\$ 25.89	\$22.90	1365	0 \$	- \$	30.33	\$16.03
1366	02/26/13	2	22	27	\$6.84	\$ 24.09	\$21.75	1366	0 \$	- \$	30.31	\$17.22
1367	02/26/13	2	23	26	\$6.16	\$ 22.95	\$21.03	1367	0 \$	- \$	30.29	\$15.50
1368	02/26/13	2	24	25	\$5.19	\$ 22.23	\$20.59	1368	0 \$	- \$	30.27	\$13.06
1369	02/27/13	2	1	24	\$4.64	\$ 21.76	\$20.59	1369	0 \$	- \$	30.25	\$11.69
1370	02/27/13	2	2	24	\$4.33	\$ 21.76	\$20.59	1370	0 \$	- \$	30.22	\$10.89
1371	02/27/13	2	3	24	\$4.01	\$ 21.76	\$20.59	1371	0 \$	- \$	30.20	\$10.09
1372	02/27/13	2	4	24	\$3.69	\$ 21.76	\$20.59	1372	0 \$	- \$	30.18	\$9.29
1373	02/27/13	2	5	24	\$3.76	\$ 21.76	\$20.59	1373	0 \$	- \$	30.16	\$9.47
1374	02/27/13	2	6	24	\$4.27	\$ 21.76	\$20.59	1374	0 \$	- \$	30.14	\$10.74
1375	02/27/13	2	7	26	\$5.73	\$ 22.95	\$21.75	1375	0 \$	- \$	30.11	\$14.42
1376	02/27/13	2	8	26	\$5.59	\$ 22.95	\$21.75	1376	0 \$	- \$	30.09	\$14.08
1377	02/27/13	2	9	26	\$5.69	\$ 22.95	\$21.75	1377	0 \$	- \$	30.07	\$14.32
1378	02/27/13	2	10	26	\$5.38	\$ 22.95	\$21.75	1378	0 \$	- \$	30.05	\$13.53
1379	02/27/13	2	11	26	\$5.05	\$ 22.95	\$21.75	1379	0 \$	- \$	30.03	\$12.72
1380	02/27/13	2	12	26	\$4.89	\$ 22.95	\$21.03	1380	0 \$	- \$	30.00	\$12.31
1381	02/27/13	2	13	26	\$4.53	\$ 22.95	\$21.75	1381	0 \$	- \$	29.98	\$11.40
1382	02/27/13	2	14	27	\$4.62	\$ 24.09	\$21.75	1382	0 \$	- \$	29.96	\$11.64
1383	02/27/13	2	15	27	\$4.47	\$ 24.09	\$21.75	1383	0 \$	- \$	29.94	\$11.25
1384	02/27/13	2	16	26	\$4.42	\$ 22.95	\$21.75	1384	0 \$	- \$	29.92	\$11.12
1385	02/27/13	2	17	26	\$4.63	\$ 22.95	\$21.75	1385	0 \$	- \$	29.90	\$11.66
1386	02/27/13	2	18	27	\$5.84	\$ 24.09	\$22.90	1386	0 \$	- \$	29.87	\$14.71
1387	02/27/13	2	19	28	\$6.53	\$ 25.89	\$24.69	1387	0 \$	- \$	29.85	\$16.43
1388	02/27/13	2	20	28	\$5.85	\$ 25.89	\$24.69	1388	0 \$	- \$	29.83	\$14.72
1389	02/27/13	2	21	28	\$5.31	\$ 25.89	\$24.69	1389	0 \$	- \$	29.81	\$13.37
1390	02/27/13	2	22	27	\$5.50	\$ 24.09	\$22.90	1390	0 \$	- \$	29.79	\$13.84
1391	02/27/13	2	23	26	\$4.54	\$ 22.95	\$21.75	1391	0 \$	- \$	29.77	\$11.42
1392	02/27/13	2	24	25	\$4.26	\$ 22.23	\$21.03	1392	0 \$	- \$	29.75	\$10.72
1393	02/28/13	2	1	25	\$4.99	\$ 22.23	\$20.59	1393	0 \$	- \$	29.72	\$12.56
1394	02/28/13	2	2	24	\$5.11	\$ 21.76	\$20.59	1394	0 \$	- \$	29.70	\$12.85
1395	02/28/13	2	3	24	\$5.38	\$ 21.76	\$20.59	1395	0 \$	- \$	29.68	\$13.53
1396	02/28/13	2	4	24	\$5.40	\$ 21.76	\$20.59	1396	0 \$	- \$	29.66	\$13.59
1397	02/28/13	2	5	25	\$5.92	\$ 22.23	\$20.59	1397	0 \$	- \$	29.64	\$14.90
1398	02/28/13	2	6	26	\$6.15	\$ 22.95	\$21.75	1398	0 \$	- \$	29.62	\$15.49
1399	02/28/13	2	7	27	\$8.91	\$ 24.09	\$22.90	1399	0 \$	- \$	29.60	\$22.43
1400	02/28/13	2	8	28	\$10.44	\$ 25.89	\$24.69	1400	0 \$	- \$	29.58	\$26.28

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1401	02/28/13	2	9	28	\$10.66	\$ 25.89	\$24.69	1401	0 \$	- \$	29.56	\$26.83
1402	02/28/13	2	10	28	\$10.23	\$ 25.89	\$22.90	1402	0 \$	- \$	29.53	\$25.76
1403	02/28/13	2	11	28	\$10.27	\$ 25.89	\$22.90	1403	0 \$	- \$	29.51	\$25.85
1404	02/28/13	2	12	27	\$10.10	\$ 24.09	\$22.90	1404	0 \$	- \$	29.49	\$25.43
1405	02/28/13	2	13	27	\$9.88	\$ 24.09	\$21.75	1405	0 \$	- \$	29.47	\$24.87
1406	02/28/13	2	14	27	\$9.64	\$ 24.09	\$21.75	1406	0 \$	- \$	29.45	\$24.27
1407	02/28/13	2	15	26	\$9.15	\$ 22.95	\$21.75	1407	0 \$	- \$	29.43	\$23.03
1408	02/28/13	2	16	27	\$9.53	\$ 24.09	\$22.90	1408	0 \$	- \$	29.41	\$23.98
1409	02/28/13	2	17	27	\$10.51	\$ 24.09	\$22.90	1409	0 \$	- \$	29.39	\$26.46
1410	02/28/13	2	18	27	\$14.48	\$ 24.09	\$22.90	1410	0 \$	- \$	29.37	\$36.44
1411	02/28/13	2	19	29	\$15.09	\$ 28.65	\$27.35	1411	0 \$	- \$	29.35	\$37.99
1412	02/28/13	2	20	29	\$14.08	\$ 28.65	\$27.35	1412	0 \$	- \$	29.32	\$35.44
1413	02/28/13	2	21	28	\$13.13	\$ 25.89	\$24.69	1413	0 \$	- \$	29.30	\$33.05
1414	02/28/13	2	22	27	\$10.48	\$ 24.09	\$22.90	1414	0 \$	- \$	29.28	\$26.37
1415	02/28/13	2	23	26	\$9.62	\$ 22.95	\$21.75	1415	0 \$	- \$	29.26	\$24.21
1416	02/28/13	2	24	25	\$8.24	\$ 22.23	\$21.03	1416	0 \$	- \$	29.24	\$20.73
1417	03/01/13	3	1	24	\$8.17	\$ 21.76	\$20.59	1417	0 \$	- \$	29.22	\$20.56
1418	03/01/13	3	2	24	\$7.77	\$ 21.76	\$20.33	1418	0 \$	- \$	29.20	\$19.57
1419	03/01/13	3	3	24	\$7.85	\$ 21.76	\$20.59	1419	0 \$	- \$	29.18	\$19.76
1420	03/01/13	3	4	24	\$7.90	\$ 21.76	\$20.33	1420	0 \$	- \$	29.16	\$19.89
1421	03/01/13	3	5	24	\$8.24	\$ 21.76	\$20.59	1421	0 \$	- \$	29.14	\$20.74
1422	03/01/13	3	6	25	\$8.70	\$ 22.23	\$21.03	1422	0 \$	- \$	29.12	\$21.90
1423	03/01/13	3	7	27	\$11.75	\$ 24.09	\$22.90	1423	0 \$	- \$	29.10	\$29.57
1424	03/01/13	3	8	28	\$12.10	\$ 25.89	\$24.69	1424	0 \$	- \$	29.08	\$30.46
1425	03/01/13	3	9	28	\$12.09	\$ 25.89	\$24.69	1425	0 \$	- \$	29.06	\$30.42
1426	03/01/13	3	10	28	\$11.76	\$ 25.89	\$22.90	1426	0 \$	- \$	29.04	\$29.61
1427	03/01/13	3	11	28	\$11.63	\$ 25.89	\$24.69	1427	0 \$	- \$	29.02	\$29.28
1428	03/01/13	3	12	27	\$11.13	\$ 24.09	\$22.90	1428	0 \$	- \$	29.00	\$28.02
1429	03/01/13	3	13	26	\$10.39	\$ 22.95	\$21.75	1429	0 \$	- \$	28.98	\$26.15
1430	03/01/13	3	14	26	\$10.06	\$ 22.95	\$21.75	1430	0 \$	- \$	28.96	\$25.33
1431	03/01/13	3	15	26	\$9.54	\$ 22.95	\$21.75	1431	0 \$	- \$	28.94	\$24.01
1432	03/01/13	3	16	26	\$9.47	\$ 22.95	\$21.75	1432	0 \$	- \$	28.92	\$23.83
1433	03/01/13	3	17	27	\$10.15	\$ 24.09	\$21.75	1433	0 \$	- \$	28.90	\$25.54
1434	03/01/13	3	18	27	\$11.64	\$ 24.09	\$21.75	1434	0 \$	- \$	28.87	\$29.30
1435	03/01/13	3	19	28	\$12.13	\$ 25.89	\$22.90	1435	0 \$	- \$	28.85	\$30.53
1436	03/01/13	3	20	27	\$11.39	\$ 24.09	\$22.90	1436	0 \$	- \$	28.83	\$28.66
1437	03/01/13	3	21	25	\$11.13	\$ 22.23	\$21.03	1437	0 \$	- \$	28.81	\$28.01
1438	03/01/13	3	22	25	\$11.15	\$ 22.23	\$21.03	1438	0 \$	- \$	28.79	\$28.06
1439	03/01/13	3	23	26	\$9.39	\$ 22.95	\$21.03	1439	0 \$	- \$	28.77	\$23.63
1440	03/01/13	3	24	24	\$9.83	\$ 21.76	\$20.59	1440	0 \$	- \$	28.75	\$24.74
1441	03/02/13	3	1	24	\$9.29	\$ 21.76	\$20.59	1441	0 \$	- \$	28.73	\$23.39
1442	03/02/13	3	2	24	\$9.26	\$ 21.76	\$20.59	1442	0 \$	- \$	28.71	\$23.32
1443	03/02/13	3	3	24	\$9.29	\$ 21.76	\$20.59	1443	0 \$	- \$	28.69	\$23.39
1444	03/02/13	3	4	24	\$8.91	\$ 21.76	\$20.59	1444	0 \$	- \$	28.67	\$22.42
1445	03/02/13	3	5	24	\$9.04	\$ 21.76	\$20.59	1445	0 \$	- \$	28.66	\$22.75
1446	03/02/13	3	6	25	\$9.33	\$ 22.23	\$21.03	1446	0 \$	- \$	28.64	\$23.48
1447	03/02/13	3	7	25	\$10.68	\$ 22.23	\$21.03	1447	0 \$	- \$	28.62	\$26.87
1448	03/02/13	3	8	26	\$12.52	\$ 22.95	\$21.75	1448	0 \$	- \$	28.60	\$31.52
1449	03/02/13	3	9	26	\$12.87	\$ 22.95	\$21.75	1449	0 \$	- \$	28.58	\$32.40
1450	03/02/13	3	10	25	\$12.88	\$ 22.23	\$21.75	1450	0 \$	- \$	28.56	\$32.41
1451	03/02/13	3	11	25	\$12.64	\$ 22.23	\$21.03	1451	0 \$	- \$	28.54	\$31.82
1452	03/02/13	3	12	24	\$11.29	\$ 21.76	\$20.59	1452	0 \$	- \$	28.52	\$28.42
1453	03/02/13	3	13	24	\$10.17	\$ 21.76	\$20.59	1453	0 \$	- \$	28.50	\$25.59
1454	03/02/13	3	14	23	\$9.50	\$ 21.48	\$20.33	1454	0 \$	- \$	28.48	\$23.92
1455	03/02/13	3	15	23	\$9.25	\$ 21.48	\$20.33	1455	0 \$	- \$	28.46	\$23.29
1456	03/02/13	3	16	23	\$9.37	\$ 21.48	\$20.33	1456	0 \$	- \$	28.44	\$23.58

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1457	03/02/13	3	17	23	\$10.06	\$ 21.48	\$20.33	1457	0 \$	- \$	28.42	\$25.31
1458	03/02/13	3	18	24	\$13.58	\$ 21.76	\$20.59	1458	0 \$	- \$	28.40	\$34.19
1459	03/02/13	3	19	25	\$15.24	\$ 22.23	\$21.03	1459	0 \$	- \$	28.38	\$38.36
1460	03/02/13	3	20	25	\$13.94	\$ 22.23	\$21.03	1460	0 \$	- \$	28.36	\$35.09
1461	03/02/13	3	21	25	\$12.07	\$ 22.23	\$21.03	1461	0 \$	- \$	28.34	\$30.38
1462	03/02/13	3	22	24	\$10.37	\$ 21.76	\$21.03	1462	0 \$	- \$	28.32	\$26.11
1463	03/02/13	3	23	24	\$8.96	\$ 21.76	\$20.59	1463	0 \$	- \$	28.30	\$22.56
1464	03/02/13	3	24	23	\$9.67	\$ 21.48	\$20.33	1464	0 \$	- \$	28.28	\$24.35
1465	03/03/13	3	1	22	\$9.54	\$ 21.32	\$20.33	1465	0 \$	- \$	28.26	\$24.02
1466	03/03/13	3	2	22	\$9.54	\$ 21.32	\$20.33	1466	0 \$	- \$	28.24	\$24.02
1467	03/03/13	3	3	22	\$9.53	\$ 21.32	\$20.33	1467	0 \$	- \$	28.23	\$23.98
1468	03/03/13	3	4	22	\$9.34	\$ 21.32	\$20.33	1468	0 \$	- \$	28.21	\$23.51
1469	03/03/13	3	5	22	\$9.48	\$ 21.32	\$20.33	1469	0 \$	- \$	28.19	\$23.86
1470	03/03/13	3	6	23	\$8.28	\$ 21.48	\$20.33	1470	0 \$	- \$	28.17	\$20.84
1471	03/03/13	3	7	23	\$8.89	\$ 21.48	\$20.33	1471	0 \$	- \$	28.15	\$22.38
1472	03/03/13	3	8	24	\$9.96	\$ 21.76	\$20.59	1472	0 \$	- \$	28.13	\$25.08
1473	03/03/13	3	9	24	\$10.40	\$ 21.76	\$20.59	1473	0 \$	- \$	28.11	\$26.18
1474	03/03/13	3	10	24	\$9.98	\$ 21.76	\$20.59	1474	0 \$	- \$	28.09	\$25.12
1475	03/03/13	3	11	23	\$9.36	\$ 21.48	\$20.59	1475	0 \$	- \$	28.07	\$23.56
1476	03/03/13	3	12	23	\$8.35	\$ 21.48	\$20.33	1476	0 \$	- \$	28.05	\$21.02
1477	03/03/13	3	13	23	\$7.71	\$ 21.48	\$20.33	1477	0 \$	- \$	28.03	\$19.40
1478	03/03/13	3	14	22	\$7.40	\$ 21.32	\$20.19	1478	0 \$	- \$	28.02	\$18.63
1479	03/03/13	3	15	22	\$6.59	\$ 21.32	\$20.19	1479	0 \$	- \$	28.00	\$16.58
1480	03/03/13	3	16	22	\$6.38	\$ 21.32	\$20.19	1480	0 \$	- \$	27.98	\$16.06
1481	03/03/13	3	17	23	\$6.06	\$ 21.48	\$20.33	1481	0 \$	- \$	27.96	\$15.25
1482	03/03/13	3	18	23	\$6.88	\$ 21.48	\$20.59	1482	0 \$	- \$	27.94	\$17.31
1483	03/03/13	3	19	25	\$8.03	\$ 22.23	\$21.03	1483	0 \$	- \$	27.92	\$20.21
1484	03/03/13	3	20	25	\$6.97	\$ 22.23	\$21.75	1484	0 \$	- \$	27.90	\$17.55
1485	03/03/13	3	21	25	\$4.87	\$ 22.23	\$21.03	1485	0 \$	- \$	27.88	\$12.27
1486	03/03/13	3	22	24	\$4.42	\$ 21.76	\$20.59	1486	0 \$	- \$	27.86	\$11.13
1487	03/03/13	3	23	24	\$3.50	\$ 21.76	\$20.59	1487	0 \$	- \$	27.85	\$8.80
1488	03/03/13	3	24	23	\$2.01	\$ 21.48	\$20.33	1488	0 \$	- \$	27.83	\$5.07
1489	03/04/13	3	1	23	\$1.99	\$ 21.48	\$20.33	1489	0 \$	- \$	27.81	\$5.02
1490	03/04/13	3	2	22	\$2.08	\$ 21.32	\$20.19	1490	0 \$	- \$	27.79	\$5.24
1491	03/04/13	3	3	23	\$2.29	\$ 21.48	\$20.19	1491	0 \$	- \$	27.77	\$5.77
1492	03/04/13	3	4	23	\$3.06	\$ 21.48	\$20.33	1492	0 \$	- \$	27.75	\$7.69
1493	03/04/13	3	5	23	\$3.62	\$ 21.48	\$20.33	1493	0 \$	- \$	27.73	\$9.12
1494	03/04/13	3	6	24	\$4.58	\$ 21.76	\$20.59	1494	0 \$	- \$	27.72	\$11.52
1495	03/04/13	3	7	26	\$7.56	\$ 22.95	\$21.75	1495	0 \$	- \$	27.70	\$19.04
1496	03/04/13	3	8	27	\$9.40	\$ 24.09	\$22.90	1496	0 \$	- \$	27.68	\$23.67
1497	03/04/13	3	9	28	\$10.21	\$ 25.89	\$22.90	1497	0 \$	- \$	27.66	\$25.70
1498	03/04/13	3	10	27	\$10.23	\$ 24.09	\$22.90	1498	0 \$	- \$	27.64	\$25.75
1499	03/04/13	3	11	27	\$10.08	\$ 24.09	\$22.90	1499	0 \$	- \$	27.62	\$25.38
1500	03/04/13	3	12	27	\$9.58	\$ 24.09	\$21.75	1500	0 \$	- \$	27.60	\$24.12
1501	03/04/13	3	13	26	\$9.24	\$ 22.95	\$21.75	1501	0 \$	- \$	27.59	\$23.26
1502	03/04/13	3	14	26	\$9.52	\$ 22.95	\$21.03	1502	0 \$	- \$	27.57	\$23.97
1503	03/04/13	3	15	25	\$10.11	\$ 22.23	\$20.59	1503	0 \$	- \$	27.55	\$25.46
1504	03/04/13	3	16	25	\$10.17	\$ 22.23	\$20.59	1504	0 \$	- \$	27.53	\$25.60
1505	03/04/13	3	17	25	\$10.76	\$ 22.23	\$21.03	1505	0 \$	- \$	27.51	\$27.08
1506	03/04/13	3	18	26	\$13.65	\$ 22.95	\$21.75	1506	0 \$	- \$	27.49	\$34.37
1507	03/04/13	3	19	28	\$15.55	\$ 25.89	\$24.69	1507	0 \$	- \$	27.48	\$39.15
1508	03/04/13	3	20	28	\$13.87	\$ 25.89	\$24.69	1508	0 \$	- \$	27.46	\$34.91
1509	03/04/13	3	21	27	\$12.18	\$ 24.09	\$22.90	1509	0 \$	- \$	27.44	\$30.67
1510	03/04/13	3	22	26	\$10.83	\$ 22.95	\$21.75	1510	0 \$	- \$	27.42	\$27.25
1511	03/04/13	3	23	25	\$8.98	\$ 22.23	\$20.59	1511	0 \$	- \$	27.40	\$22.61
1512	03/04/13	3	24	24	\$8.70	\$ 21.76	\$20.59	1512	0 \$	- \$	27.39	\$21.91

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1513	03/05/13	3	1	23	\$8.11	\$ 21.48	\$20.33	1513	0 \$	- \$	27.37	\$20.42
1514	03/05/13	3	2	23	\$7.72	\$ 21.48	\$20.33	1514	0 \$	- \$	27.35	\$19.43
1515	03/05/13	3	3	23	\$6.00	\$ 21.48	\$20.33	1515	0 \$	- \$	27.33	\$15.11
1516	03/05/13	3	4	23	\$4.82	\$ 21.48	\$20.33	1516	0 \$	- \$	27.31	\$12.14
1517	03/05/13	3	5	24	\$4.70	\$ 21.76	\$20.59	1517	0 \$	- \$	27.30	\$11.82
1518	03/05/13	3	6	25	\$4.68	\$ 22.23	\$21.03	1518	0 \$	- \$	27.28	\$11.78
1519	03/05/13	3	7	27	\$7.29	\$ 24.09	\$21.75	1519	0 \$	- \$	27.26	\$18.36
1520	03/05/13	3	8	27	\$7.77	\$ 24.09	\$22.90	1520	0 \$	- \$	27.24	\$19.56
1521	03/05/13	3	9	27	\$7.22	\$ 24.09	\$22.90	1521	0 \$	- \$	27.22	\$18.18
1522	03/05/13	3	10	26	\$5.96	\$ 22.95	\$21.75	1522	0 \$	- \$	27.21	\$15.01
1523	03/05/13	3	11	28	\$5.49	\$ 25.89	\$24.69	1523	0 \$	- \$	27.19	\$13.83
1524	03/05/13	3	12	28	\$4.76	\$ 25.89	\$22.90	1524	0 \$	- \$	27.17	\$11.99
1525	03/05/13	3	13	27	\$4.03	\$ 24.09	\$22.90	1525	0 \$	- \$	27.15	\$10.14
1526	03/05/13	3	14	27	\$4.16	\$ 24.09	\$22.90	1526	0 \$	- \$	27.13	\$10.46
1527	03/05/13	3	15	27	\$3.99	\$ 24.09	\$22.90	1527	0 \$	- \$	27.12	\$10.04
1528	03/05/13	3	16	27	\$4.18	\$ 24.09	\$22.90	1528	0 \$	- \$	27.10	\$10.52
1529	03/05/13	3	17	27	\$4.49	\$ 24.09	\$22.90	1529	0 \$	- \$	27.08	\$11.31
1530	03/05/13	3	18	28	\$6.26	\$ 25.89	\$24.69	1530	0 \$	- \$	27.06	\$15.76
1531	03/05/13	3	19	28	\$8.88	\$ 25.89	\$24.69	1531	0 \$	- \$	27.05	\$22.35
1532	03/05/13	3	20	29	\$8.51	\$ 28.65	\$24.69	1532	0 \$	- \$	27.03	\$21.42
1533	03/05/13	3	21	28	\$7.31	\$ 25.89	\$24.69	1533	0 \$	- \$	27.01	\$18.41
1534	03/05/13	3	22	27	\$8.24	\$ 24.09	\$22.90	1534	0 \$	- \$	26.99	\$20.74
1535	03/05/13	3	23	26	\$7.62	\$ 22.95	\$21.75	1535	0 \$	- \$	26.98	\$19.18
1536	03/05/13	3	24	25	\$7.78	\$ 22.23	\$21.03	1536	0 \$	- \$	26.96	\$19.58
1537	03/06/13	3	1	25	\$7.83	\$ 22.23	\$21.03	1537	0 \$	- \$	26.94	\$19.72
1538	03/06/13	3	2	24	\$8.09	\$ 21.76	\$20.59	1538	0 \$	- \$	26.92	\$20.37
1539	03/06/13	3	3	24	\$7.92	\$ 21.76	\$20.59	1539	0 \$	- \$	26.90	\$19.94
1540	03/06/13	3	4	24	\$7.97	\$ 21.76	\$20.59	1540	0 \$	- \$	26.89	\$20.07
1541	03/06/13	3	5	25	\$8.77	\$ 22.23	\$21.03	1541	0 \$	- \$	26.87	\$22.08
1542	03/06/13	3	6	26	\$9.30	\$ 22.95	\$21.75	1542	0 \$	- \$	26.85	\$23.41
1543	03/06/13	3	7	27	\$13.03	\$ 24.09	\$22.90	1543	0 \$	- \$	26.84	\$32.79
1544	03/06/13	3	8	28	\$15.39	\$ 25.89	\$24.69	1544	0 \$	- \$	26.82	\$38.74
1545	03/06/13	3	9	28	\$15.51	\$ 25.89	\$24.69	1545	0 \$	- \$	26.80	\$39.03
1546	03/06/13	3	10	28	\$15.50	\$ 25.89	\$24.69	1546	0 \$	- \$	26.78	\$39.01
1547	03/06/13	3	11	28	\$15.61	\$ 25.89	\$22.90	1547	0 \$	- \$	26.77	\$39.29
1548	03/06/13	3	12	27	\$14.94	\$ 24.09	\$22.90	1548	0 \$	- \$	26.75	\$37.60
1549	03/06/13	3	13	26	\$13.09	\$ 22.95	\$21.75	1549	0 \$	- \$	26.73	\$32.96
1550	03/06/13	3	14	27	\$11.68	\$ 24.09	\$21.75	1550	0 \$	- \$	26.71	\$29.39
1551	03/06/13	3	15	26	\$10.80	\$ 22.95	\$21.75	1551	0 \$	- \$	26.70	\$27.19
1552	03/06/13	3	16	26	\$10.57	\$ 22.95	\$21.75	1552	0 \$	- \$	26.68	\$26.60
1553	03/06/13	3	17	26	\$11.39	\$ 22.95	\$21.75	1553	0 \$	- \$	26.66	\$28.67
1554	03/06/13	3	18	26	\$14.81	\$ 22.95	\$21.75	1554	0 \$	- \$	26.65	\$37.29
1555	03/06/13	3	19	27	\$17.08	\$ 24.09	\$22.90	1555	0 \$	- \$	26.63	\$43.00
1556	03/06/13	3	20	28	\$15.34	\$ 25.89	\$24.69	1556	0 \$	- \$	26.61	\$38.60
1557	03/06/13	3	21	28	\$12.74	\$ 25.89	\$24.69	1557	0 \$	- \$	26.59	\$32.07
1558	03/06/13	3	22	27	\$12.11	\$ 24.09	\$22.90	1558	0 \$	- \$	26.58	\$30.49
1559	03/06/13	3	23	26	\$10.75	\$ 22.95	\$21.75	1559	0 \$	- \$	26.56	\$27.07
1560	03/06/13	3	24	24	\$9.91	\$ 21.76	\$20.59	1560	0 \$	- \$	26.54	\$24.94
1561	03/07/13	3	1	23	\$9.35	\$ 21.48	\$20.33	1561	0 \$	- \$	26.53	\$23.54
1562	03/07/13	3	2	23	\$9.20	\$ 21.48	\$20.33	1562	0 \$	- \$	26.51	\$23.16
1563	03/07/13	3	3	23	\$9.03	\$ 21.48	\$20.33	1563	0 \$	- \$	26.49	\$22.74
1564	03/07/13	3	4	23	\$8.70	\$ 21.48	\$20.33	1564	0 \$	- \$	26.47	\$21.89
1565	03/07/13	3	5	24	\$9.42	\$ 21.76	\$20.33	1565	0 \$	- \$	26.46	\$23.72
1566	03/07/13	3	6	25	\$9.52	\$ 22.23	\$21.03	1566	0 \$	- \$	26.44	\$23.97
1567	03/07/13	3	7	27	\$12.64	\$ 24.09	\$21.75	1567	0 \$	- \$	26.42	\$31.82
1568	03/07/13	3	8	27	\$13.94	\$ 24.09	\$22.90	1568	0 \$	- \$	26.41	\$35.10

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1569	03/07/13	3	9	27	\$10.82	\$ 24.09	\$22.90	1569	0 \$	- \$	26.39	\$27.23
1570	03/07/13	3	10	24	\$9.57	\$ 21.76	\$20.59	1570	0 \$	- \$	26.37	\$24.10
1571	03/07/13	3	11	23	\$8.98	\$ 21.48	\$20.33	1571	0 \$	- \$	26.36	\$22.61
1572	03/07/13	3	12	23	\$7.92	\$ 21.48	\$20.33	1572	0 \$	- \$	26.34	\$19.94
1573	03/07/13	3	13	22	\$7.78	\$ 21.32	\$20.19	1573	0 \$	- \$	26.32	\$19.59
1574	03/07/13	3	14	22	\$7.47	\$ 21.32	\$20.19	1574	0 \$	- \$	26.31	\$18.79
1575	03/07/13	3	15	22	\$7.04	\$ 21.32	\$20.19	1575	0 \$	- \$	26.29	\$17.73
1576	03/07/13	3	16	22	\$6.77	\$ 21.32	\$20.13	1576	0 \$	- \$	26.27	\$17.05
1577	03/07/13	3	17	21	\$7.14	\$ 21.25	\$20.13	1577	0 \$	- \$	26.26	\$17.97
1578	03/07/13	3	18	22	\$7.62	\$ 21.32	\$20.19	1578	0 \$	- \$	26.24	\$19.19
1579	03/07/13	3	19	24	\$8.86	\$ 21.76	\$20.33	1579	0 \$	- \$	26.22	\$22.31
1580	03/07/13	3	20	24	\$8.09	\$ 21.76	\$20.59	1580	0 \$	- \$	26.21	\$20.37
1581	03/07/13	3	21	25	\$7.62	\$ 22.23	\$21.03	1581	0 \$	- \$	26.19	\$19.19
1582	03/07/13	3	22	25	\$8.93	\$ 22.23	\$20.59	1582	0 \$	- \$	26.17	\$22.49
1583	03/07/13	3	23	23	\$7.71	\$ 21.48	\$20.33	1583	0 \$	- \$	26.16	\$19.40
1584	03/07/13	3	24	23	\$7.35	\$ 21.48	\$20.33	1584	0 \$	- \$	26.14	\$18.50
1585	03/08/13	3	1	23	\$7.19	\$ 21.48	\$20.33	1585	0 \$	- \$	26.12	\$18.11
1586	03/08/13	3	2	23	\$7.03	\$ 21.48	\$20.33	1586	0 \$	- \$	26.11	\$17.69
1587	03/08/13	3	3	23	\$6.79	\$ 21.48	\$20.33	1587	0 \$	- \$	26.09	\$17.10
1588	03/08/13	3	4	23	\$6.70	\$ 21.48	\$20.33	1588	0 \$	- \$	26.07	\$16.87
1589	03/08/13	3	5	24	\$7.27	\$ 21.76	\$20.33	1589	0 \$	- \$	26.06	\$18.31
1590	03/08/13	3	6	25	\$8.43	\$ 22.23	\$21.03	1590	0 \$	- \$	26.04	\$21.22
1591	03/08/13	3	7	26	\$11.50	\$ 22.95	\$21.75	1591	0 \$	- \$	26.03	\$28.94
1592	03/08/13	3	8	27	\$12.82	\$ 24.09	\$22.90	1592	0 \$	- \$	26.01	\$32.26
1593	03/08/13	3	9	27	\$13.43	\$ 24.09	\$22.90	1593	0 \$	- \$	25.99	\$33.80
1594	03/08/13	3	10	26	\$12.18	\$ 22.95	\$21.75	1594	0 \$	- \$	25.98	\$30.65
1595	03/08/13	3	11	26	\$11.91	\$ 22.95	\$21.75	1595	0 \$	- \$	25.96	\$29.99
1596	03/08/13	3	12	26	\$11.03	\$ 22.95	\$21.03	1596	0 \$	- \$	25.94	\$27.77
1597	03/08/13	3	13	25	\$10.08	\$ 22.23	\$21.03	1597	0 \$	- \$	25.93	\$25.38
1598	03/08/13	3	14	25	\$9.82	\$ 22.23	\$21.03	1598	0 \$	- \$	25.91	\$24.72
1599	03/08/13	3	15	25	\$8.97	\$ 22.23	\$21.03	1599	0 \$	- \$	25.90	\$22.59
1600	03/08/13	3	16	25	\$8.61	\$ 22.23	\$21.03	1600	0 \$	- \$	25.88	\$21.68
1601	03/08/13	3	17	25	\$8.27	\$ 22.23	\$21.03	1601	0 \$	- \$	25.86	\$20.82
1602	03/08/13	3	18	25	\$8.85	\$ 22.23	\$21.03	1602	0 \$	- \$	25.85	\$22.28
1603	03/08/13	3	19	26	\$9.92	\$ 22.95	\$21.03	1603	0 \$	- \$	25.83	\$24.97
1604	03/08/13	3	20	26	\$8.66	\$ 22.95	\$21.75	1604	0 \$	- \$	25.81	\$21.79
1605	03/08/13	3	21	25	\$7.68	\$ 22.23	\$21.03	1605	0 \$	- \$	25.80	\$19.33
1606	03/08/13	3	22	25	\$6.71	\$ 22.23	\$21.03	1606	0 \$	- \$	25.78	\$16.90
1607	03/08/13	3	23	24	\$5.39	\$ 21.76	\$20.59	1607	0 \$	- \$	25.77	\$13.57
1608	03/08/13	3	24	23	\$1.66	\$ 21.48	\$20.33	1608	0 \$	- \$	25.75	\$4.17
1609	03/09/13	3	1	23	\$1.31	\$ 21.48	\$20.33	1609	0 \$	- \$	25.73	\$3.29
1610	03/09/13	3	2	22	\$1.50	\$ 21.32	\$20.19	1610	0 \$	- \$	25.72	\$3.77
1611	03/09/13	3	3	22	\$1.44	\$ 21.32	\$20.19	1611	0 \$	- \$	25.70	\$3.63
1612	03/09/13	3	4	22	\$1.55	\$ 21.32	\$20.19	1612	0 \$	- \$	25.69	\$3.89
1613	03/09/13	3	5	22	\$2.26	\$ 21.32	\$20.19	1613	0 \$	- \$	25.67	\$5.69
1614	03/09/13	3	6	23	\$2.52	\$ 21.48	\$20.19	1614	0 \$	- \$	25.65	\$6.35
1615	03/09/13	3	7	23	\$4.70	\$ 21.48	\$20.33	1615	0 \$	- \$	25.64	\$11.83
1616	03/09/13	3	8	24	\$4.99	\$ 21.76	\$20.59	1616	0 \$	- \$	25.62	\$12.56
1617	03/09/13	3	9	24	\$5.26	\$ 21.76	\$20.59	1617	0 \$	- \$	25.61	\$13.23
1618	03/09/13	3	10	25	\$6.22	\$ 22.23	\$20.59	1618	0 \$	- \$	25.59	\$15.66
1619	03/09/13	3	11	24	\$6.85	\$ 21.76	\$20.59	1619	0 \$	- \$	25.58	\$17.25
1620	03/09/13	3	12	24	\$6.49	\$ 21.76	\$20.59	1620	0 \$	- \$	25.56	\$16.34
1621	03/09/13	3	13	24	\$6.31	\$ 21.76	\$20.59	1621	0 \$	- \$	25.54	\$15.89
1622	03/09/13	3	14	23	\$6.25	\$ 21.48	\$20.33	1622	0 \$	- \$	25.53	\$15.74
1623	03/09/13	3	15	23	\$6.49	\$ 21.48	\$20.33	1623	0 \$	- \$	25.51	\$16.34
1624	03/09/13	3	16	23	\$6.58	\$ 21.48	\$20.33	1624	0 \$	- \$	25.50	\$16.56

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1625	03/09/13	3	17	23	\$6.98	\$ 21.48	\$20.33	1625	0 \$	- \$	25.48	\$17.58
1626	03/09/13	3	18	23	\$6.66	\$ 21.48	\$20.59	1626	0 \$	- \$	25.47	\$16.76
1627	03/09/13	3	19	24	\$7.42	\$ 21.76	\$20.59	1627	0 \$	- \$	25.45	\$18.68
1628	03/09/13	3	20	24	\$7.17	\$ 21.76	\$20.59	1628	0 \$	- \$	25.43	\$18.05
1629	03/09/13	3	21	23	\$6.65	\$ 21.48	\$20.33	1629	0 \$	- \$	25.42	\$16.75
1630	03/09/13	3	22	22	\$6.34	\$ 21.32	\$20.33	1630	0 \$	- \$	25.40	\$15.96
1631	03/09/13	3	23	22	\$5.23	\$ 21.32	\$20.19	1631	0 \$	- \$	25.39	\$13.17
1632	03/09/13	3	24	21	\$3.79	\$ 21.25	\$20.19	1632	0 \$	- \$	25.37	\$9.55
1633	03/10/13	3	1	21	\$3.61	\$ 21.25	\$20.13	1633	0 \$	- \$	25.36	\$9.08
1634	03/10/13	3	2	21	\$3.93	\$ 21.25	\$20.13	1634	0 \$	- \$	25.34	\$9.88
1635	03/10/13	3	3	-	\$3.41	\$ 25.33	\$41.98	1635	0 \$	- \$	25.33	\$8.60
1636	03/10/13	3	4	21	\$2.90	\$ 21.25	\$20.13	1636	0 \$	- \$	25.31	\$7.31
1637	03/10/13	3	5	20	\$2.11	\$ 21.22	\$20.13	1637	0 \$	- \$	25.29	\$5.32
1638	03/10/13	3	6	21	\$2.17	\$ 21.25	\$20.13	1638	0 \$	- \$	25.28	\$5.45
1639	03/10/13	3	7	21	\$0.44	\$ 21.25	\$20.13	1639	0 \$	- \$	25.26	\$1.12
1640	03/10/13	3	8	21	\$1.74	\$ 21.25	\$20.19	1640	0 \$	- \$	25.25	\$4.37
1641	03/10/13	3	9	22	\$1.88	\$ 21.32	\$20.19	1641	0 \$	- \$	25.23	\$4.73
1642	03/10/13	3	10	23	\$2.21	\$ 21.48	\$20.33	1642	0 \$	- \$	25.22	\$5.57
1643	03/10/13	3	11	23	\$1.66	\$ 21.48	\$20.59	1643	0 \$	- \$	25.20	\$4.17
1644	03/10/13	3	12	23	\$1.81	\$ 21.48	\$20.59	1644	0 \$	- \$	25.19	\$4.56
1645	03/10/13	3	13	24	\$1.99	\$ 21.76	\$20.59	1645	0 \$	- \$	25.17	\$5.02
1646	03/10/13	3	14	24	\$1.65	\$ 21.76	\$20.59	1646	0 \$	- \$	25.16	\$4.16
1647	03/10/13	3	15	24	\$1.59	\$ 21.76	\$20.59	1647	0 \$	- \$	25.14	\$3.99
1648	03/10/13	3	16	24	\$1.70	\$ 21.76	\$20.59	1648	0 \$	- \$	25.13	\$4.27
1649	03/10/13	3	17	23	\$1.56	\$ 21.48	\$20.59	1649	0 \$	- \$	25.11	\$3.93
1650	03/10/13	3	18	24	\$1.93	\$ 21.76	\$20.59	1650	0 \$	- \$	25.09	\$4.86
1651	03/10/13	3	19	25	\$2.46	\$ 22.23	\$21.03	1651	0 \$	- \$	25.08	\$6.20
1652	03/10/13	3	20	26	\$4.02	\$ 22.95	\$21.75	1652	0 \$	- \$	25.06	\$10.12
1653	03/10/13	3	21	25	\$4.73	\$ 22.23	\$21.75	1653	0 \$	- \$	25.05	\$11.91
1654	03/10/13	3	22	24	\$4.15	\$ 21.76	\$21.03	1654	0 \$	- \$	25.03	\$10.44
1655	03/10/13	3	23	24	\$4.56	\$ 21.76	\$20.59	1655	0 \$	- \$	25.02	\$11.47
1656	03/10/13	3	24	23	\$4.72	\$ 21.48	\$20.33	1656	0 \$	- \$	25.00	\$11.88
1657	03/11/13	3	1	23	\$3.22	\$ 21.48	\$20.33	1657	0 \$	- \$	24.99	\$8.10
1658	03/11/13	3	2	22	\$3.25	\$ 21.32	\$20.19	1658	0 \$	- \$	24.97	\$8.18
1659	03/11/13	3	3	22	\$3.71	\$ 21.32	\$20.19	1659	0 \$	- \$	24.96	\$9.34
1660	03/11/13	3	4	23	\$4.26	\$ 21.48	\$20.33	1660	0 \$	- \$	24.94	\$10.72
1661	03/11/13	3	5	23	\$5.20	\$ 21.48	\$20.33	1661	0 \$	- \$	24.93	\$13.09
1662	03/11/13	3	6	24	\$6.88	\$ 21.76	\$20.59	1662	0 \$	- \$	24.91	\$17.31
1663	03/11/13	3	7	26	\$7.35	\$ 22.95	\$21.75	1663	0 \$	- \$	24.90	\$18.50
1664	03/11/13	3	8	28	\$10.48	\$ 25.89	\$24.69	1664	0 \$	- \$	24.88	\$26.37
1665	03/11/13	3	9	28	\$11.21	\$ 25.89	\$24.69	1665	0 \$	- \$	24.87	\$28.21
1666	03/11/13	3	10	28	\$11.49	\$ 25.89	\$22.90	1666	0 \$	- \$	24.85	\$28.93
1667	03/11/13	3	11	28	\$11.74	\$ 25.89	\$22.90	1667	0 \$	- \$	24.84	\$29.54
1668	03/11/13	3	12	28	\$11.18	\$ 25.89	\$22.90	1668	0 \$	- \$	24.82	\$28.13
1669	03/11/13	3	13	27	\$10.72	\$ 24.09	\$22.90	1669	0 \$	- \$	24.81	\$26.98
1670	03/11/13	3	14	28	\$10.03	\$ 25.89	\$22.90	1670	0 \$	- \$	24.79	\$25.25
1671	03/11/13	3	15	27	\$9.46	\$ 24.09	\$21.75	1671	0 \$	- \$	24.78	\$23.82
1672	03/11/13	3	16	27	\$9.03	\$ 24.09	\$21.75	1672	0 \$	- \$	24.76	\$22.72
1673	03/11/13	3	17	26	\$8.76	\$ 22.95	\$21.75	1673	0 \$	- \$	24.75	\$22.06
1674	03/11/13	3	18	27	\$9.03	\$ 24.09	\$22.90	1674	0 \$	- \$	24.74	\$22.73
1675	03/11/13	3	19	27	\$10.37	\$ 24.09	\$22.90	1675	0 \$	- \$	24.72	\$26.11
1676	03/11/13	3	20	28	\$14.74	\$ 25.89	\$22.90	1676	0 \$	- \$	24.71	\$37.10
1677	03/11/13	3	21	28	\$13.43	\$ 25.89	\$22.90	1677	0 \$	- \$	24.69	\$33.81
1678	03/11/13	3	22	27	\$9.29	\$ 24.09	\$22.90	1678	0 \$	- \$	24.68	\$23.38
1679	03/11/13	3	23	25	\$8.78	\$ 22.23	\$21.03	1679	0 \$	- \$	24.66	\$22.09
1680	03/11/13	3	24	25	\$8.12	\$ 22.23	\$21.03	1680	0 \$	- \$	24.65	\$20.45

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1681	03/12/13	3	1	24	\$6.57	\$ 21.76	\$20.59	1681	0 \$	- \$	24.63	\$16.53
1682	03/12/13	3	2	24	\$6.36	\$ 21.76	\$20.59	1682	0 \$	- \$	24.62	\$16.00
1683	03/12/13	3	3	24	\$6.09	\$ 21.76	\$20.59	1683	0 \$	- \$	24.60	\$15.34
1684	03/12/13	3	4	24	\$5.85	\$ 21.76	\$20.59	1684	0 \$	- \$	24.59	\$14.72
1685	03/12/13	3	5	25	\$5.93	\$ 22.23	\$20.59	1685	0 \$	- \$	24.57	\$14.93
1686	03/12/13	3	6	26	\$6.62	\$ 22.95	\$21.75	1686	0 \$	- \$	24.56	\$16.66
1687	03/12/13	3	7	28	\$6.20	\$ 25.89	\$24.69	1687	0 \$	- \$	24.54	\$15.60
1688	03/12/13	3	8	29	\$8.14	\$ 28.65	\$24.69	1688	0 \$	- \$	24.53	\$20.48
1689	03/12/13	3	9	28	\$8.26	\$ 25.89	\$24.69	1689	0 \$	- \$	24.52	\$20.80
1690	03/12/13	3	10	27	\$7.26	\$ 24.09	\$21.75	1690	0 \$	- \$	24.50	\$18.28
1691	03/12/13	3	11	28	\$6.47	\$ 25.89	\$22.90	1691	0 \$	- \$	24.49	\$16.29
1692	03/12/13	3	12	27	\$5.90	\$ 24.09	\$22.90	1692	0 \$	- \$	24.47	\$14.86
1693	03/12/13	3	13	27	\$5.27	\$ 24.09	\$22.90	1693	0 \$	- \$	24.46	\$13.26
1694	03/12/13	3	14	27	\$4.69	\$ 24.09	\$22.90	1694	0 \$	- \$	24.44	\$11.81
1695	03/12/13	3	15	27	\$4.27	\$ 24.09	\$22.90	1695	0 \$	- \$	24.43	\$10.75
1696	03/12/13	3	16	27	\$3.65	\$ 24.09	\$22.90	1696	0 \$	- \$	24.41	\$9.19
1697	03/12/13	3	17	27	\$3.60	\$ 24.09	\$21.75	1697	0 \$	- \$	24.40	\$9.05
1698	03/12/13	3	18	27	\$4.07	\$ 24.09	\$22.90	1698	0 \$	- \$	24.39	\$10.24
1699	03/12/13	3	19	27	\$4.76	\$ 24.09	\$22.90	1699	0 \$	- \$	24.37	\$11.98
1700	03/12/13	3	20	28	\$6.57	\$ 25.89	\$24.69	1700	0 \$	- \$	24.36	\$16.53
1701	03/12/13	3	21	29	\$6.34	\$ 28.65	\$24.69	1701	0 \$	- \$	24.34	\$15.97
1702	03/12/13	3	22	28	\$6.10	\$ 25.89	\$24.69	1702	0 \$	- \$	24.33	\$15.35
1703	03/12/13	3	23	27	\$5.85	\$ 24.09	\$22.90	1703	0 \$	- \$	24.31	\$14.72
1704	03/12/13	3	24	26	\$5.25	\$ 22.95	\$21.03	1704	0 \$	- \$	24.30	\$13.21
1705	03/13/13	3	1	25	\$6.14	\$ 22.23	\$21.03	1705	0 \$	- \$	24.29	\$15.45
1706	03/13/13	3	2	25	\$6.34	\$ 22.23	\$21.03	1706	0 \$	- \$	24.27	\$15.96
1707	03/13/13	3	3	25	\$6.85	\$ 22.23	\$21.03	1707	0 \$	- \$	24.26	\$17.25
1708	03/13/13	3	4	25	\$7.32	\$ 22.23	\$20.59	1708	0 \$	- \$	24.24	\$18.42
1709	03/13/13	3	5	25	\$7.83	\$ 22.23	\$21.03	1709	0 \$	- \$	24.23	\$19.70
1710	03/13/13	3	6	26	\$9.29	\$ 22.95	\$21.75	1710	0 \$	- \$	24.21	\$23.39
1711	03/13/13	3	7	28	\$10.84	\$ 25.89	\$24.69	1711	0 \$	- \$	24.20	\$27.29
1712	03/13/13	3	8	29	\$15.15	\$ 28.65	\$27.35	1712	0 \$	- \$	24.19	\$38.13
1713	03/13/13	3	9	29	\$15.38	\$ 28.65	\$27.35	1713	0 \$	- \$	24.17	\$38.71
1714	03/13/13	3	10	28	\$15.88	\$ 25.89	\$24.69	1714	0 \$	- \$	24.16	\$39.96
1715	03/13/13	3	11	28	\$15.05	\$ 25.89	\$22.90	1715	0 \$	- \$	24.14	\$37.89
1716	03/13/13	3	12	27	\$14.92	\$ 24.09	\$22.90	1716	0 \$	- \$	24.13	\$37.56
1717	03/13/13	3	13	27	\$13.67	\$ 24.09	\$22.90	1717	0 \$	- \$	24.12	\$34.42
1718	03/13/13	3	14	26	\$13.73	\$ 22.95	\$21.75	1718	0 \$	- \$	24.10	\$34.57
1719	03/13/13	3	15	25	\$11.89	\$ 22.23	\$21.03	1719	0 \$	- \$	24.09	\$29.94
1720	03/13/13	3	16	24	\$11.16	\$ 21.76	\$20.59	1720	0 \$	- \$	24.07	\$28.10
1721	03/13/13	3	17	24	\$10.89	\$ 21.76	\$20.59	1721	0 \$	- \$	24.06	\$27.41
1722	03/13/13	3	18	23	\$10.97	\$ 21.48	\$20.33	1722	0 \$	- \$	24.05	\$27.61
1723	03/13/13	3	19	24	\$12.85	\$ 21.76	\$20.59	1723	0 \$	- \$	24.03	\$32.34
1724	03/13/13	3	20	25	\$16.64	\$ 22.23	\$21.03	1724	0 \$	- \$	24.02	\$41.88
1725	03/13/13	3	21	26	\$13.55	\$ 22.95	\$21.75	1725	0 \$	- \$	24.00	\$34.10
1726	03/13/13	3	22	25	\$10.79	\$ 22.23	\$21.03	1726	0 \$	- \$	23.99	\$27.17
1727	03/13/13	3	23	24	\$9.50	\$ 21.76	\$20.59	1727	0 \$	- \$	23.98	\$23.92
1728	03/13/13	3	24	23	\$8.18	\$ 21.48	\$20.33	1728	0 \$	- \$	23.96	\$20.60
1729	03/14/13	3	1	23	\$7.51	\$ 21.48	\$20.19	1729	0 \$	- \$	23.95	\$18.90
1730	03/14/13	3	2	22	\$7.36	\$ 21.32	\$20.19	1730	0 \$	- \$	23.93	\$18.52
1731	03/14/13	3	3	23	\$7.06	\$ 21.48	\$20.33	1731	0 \$	- \$	23.92	\$17.76
1732	03/14/13	3	4	23	\$7.18	\$ 21.48	\$20.33	1732	0 \$	- \$	23.91	\$18.08
1733	03/14/13	3	5	24	\$7.52	\$ 21.76	\$20.59	1733	0 \$	- \$	23.89	\$18.94
1734	03/14/13	3	6	25	\$8.84	\$ 22.23	\$21.03	1734	0 \$	- \$	23.88	\$22.25
1735	03/14/13	3	7	27	\$10.19	\$ 24.09	\$22.90	1735	0 \$	- \$	23.87	\$25.64
1736	03/14/13	3	8	29	\$12.84	\$ 28.65	\$24.69	1736	0 \$	- \$	23.85	\$32.33

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1737	03/14/13	3	9	28	\$12.57	\$ 25.89	\$24.69	1737	0 \$	- \$	23.84	\$31.63
1738	03/14/13	3	10	27	\$12.49	\$ 24.09	\$22.90	1738	0 \$	- \$	23.82	\$31.45
1739	03/14/13	3	11	27	\$12.18	\$ 24.09	\$21.75	1739	0 \$	- \$	23.81	\$30.65
1740	03/14/13	3	12	26	\$12.11	\$ 22.95	\$21.75	1740	0 \$	- \$	23.80	\$30.49
1741	03/14/13	3	13	26	\$11.68	\$ 22.95	\$21.75	1741	0 \$	- \$	23.78	\$29.41
1742	03/14/13	3	14	26	\$11.07	\$ 22.95	\$21.75	1742	0 \$	- \$	23.77	\$27.87
1743	03/14/13	3	15	25	\$10.24	\$ 22.23	\$21.03	1743	0 \$	- \$	23.76	\$25.77
1744	03/14/13	3	16	25	\$9.77	\$ 22.23	\$21.03	1744	0 \$	- \$	23.74	\$24.59
1745	03/14/13	3	17	25	\$10.18	\$ 22.23	\$21.03	1745	0 \$	- \$	23.73	\$25.62
1746	03/14/13	3	18	25	\$10.90	\$ 22.23	\$21.03	1746	0 \$	- \$	23.72	\$27.43
1747	03/14/13	3	19	24	\$15.39	\$ 21.76	\$20.59	1747	0 \$	- \$	23.70	\$38.73
1748	03/14/13	3	20	26	\$17.85	\$ 22.95	\$21.75	1748	0 \$	- \$	23.69	\$44.93
1749	03/14/13	3	21	26	\$15.84	\$ 22.95	\$21.75	1749	0 \$	- \$	23.67	\$39.86
1750	03/14/13	3	22	26	\$14.08	\$ 22.95	\$21.75	1750	0 \$	- \$	23.66	\$35.43
1751	03/14/13	3	23	25	\$12.48	\$ 22.23	\$21.03	1751	0 \$	- \$	23.65	\$31.42
1752	03/14/13	3	24	24	\$11.16	\$ 21.76	\$20.59	1752	0 \$	- \$	23.63	\$28.09
1753	03/15/13	3	1	23	\$9.38	\$ 21.48	\$20.33	1753	0 \$	- \$	23.62	\$23.60
1754	03/15/13	3	2	23	\$9.05	\$ 21.48	\$20.33	1754	0 \$	- \$	23.61	\$22.77
1755	03/15/13	3	3	23	\$8.88	\$ 21.48	\$20.19	1755	0 \$	- \$	23.59	\$22.35
1756	03/15/13	3	4	23	\$8.84	\$ 21.48	\$20.19	1756	0 \$	- \$	23.58	\$22.24
1757	03/15/13	3	5	23	\$8.73	\$ 21.48	\$20.33	1757	0 \$	- \$	23.57	\$21.97
1758	03/15/13	3	6	24	\$11.08	\$ 21.76	\$20.59	1758	0 \$	- \$	23.55	\$27.88
1759	03/15/13	3	7	26	\$14.13	\$ 22.95	\$21.75	1759	0 \$	- \$	23.54	\$35.56
1760	03/15/13	3	8	27	\$15.86	\$ 24.09	\$22.90	1760	0 \$	- \$	23.53	\$39.92
1761	03/15/13	3	9	27	\$15.13	\$ 24.09	\$22.90	1761	0 \$	- \$	23.51	\$38.08
1762	03/15/13	3	10	27	\$14.07	\$ 24.09	\$21.75	1762	0 \$	- \$	23.50	\$35.41
1763	03/15/13	3	11	26	\$13.58	\$ 22.95	\$21.75	1763	0 \$	- \$	23.49	\$34.19
1764	03/15/13	3	12	26	\$13.23	\$ 22.95	\$21.75	1764	0 \$	- \$	23.47	\$33.30
1765	03/15/13	3	13	26	\$12.40	\$ 22.95	\$21.03	1765	0 \$	- \$	23.46	\$31.22
1766	03/15/13	3	14	26	\$11.66	\$ 22.95	\$21.03	1766	0 \$	- \$	23.45	\$29.35
1767	03/15/13	3	15	25	\$10.55	\$ 22.23	\$21.03	1767	0 \$	- \$	23.43	\$26.56
1768	03/15/13	3	16	25	\$10.70	\$ 22.23	\$20.59	1768	0 \$	- \$	23.42	\$26.94
1769	03/15/13	3	17	24	\$11.10	\$ 21.76	\$20.59	1769	0 \$	- \$	23.41	\$27.95
1770	03/15/13	3	18	24	\$10.87	\$ 21.76	\$20.59	1770	0 \$	- \$	23.39	\$27.37
1771	03/15/13	3	19	24	\$12.43	\$ 21.76	\$20.59	1771	0 \$	- \$	23.38	\$31.28
1772	03/15/13	3	20	25	\$15.01	\$ 22.23	\$20.59	1772	0 \$	- \$	23.37	\$37.78
1773	03/15/13	3	21	25	\$13.70	\$ 22.23	\$21.03	1773	0 \$	- \$	23.35	\$34.48
1774	03/15/13	3	22	25	\$10.58	\$ 22.23	\$21.03	1774	0 \$	- \$	23.34	\$26.63
1775	03/15/13	3	23	24	\$9.25	\$ 21.76	\$20.33	1775	0 \$	- \$	23.33	\$23.28
1776	03/15/13	3	24	23	\$8.32	\$ 21.48	\$20.33	1776	0 \$	- \$	23.31	\$20.95
1777	03/16/13	3	1	22	\$9.72	\$ 21.32	\$20.19	1777	0 \$	- \$	23.30	\$24.47
1778	03/16/13	3	2	22	\$9.09	\$ 21.32	\$20.19	1778	0 \$	- \$	23.29	\$22.88
1779	03/16/13	3	3	21	\$8.68	\$ 21.25	\$20.13	1779	0 \$	- \$	23.28	\$21.85
1780	03/16/13	3	4	20	\$8.63	\$ 21.22	\$20.10	1780	0 \$	- \$	23.26	\$21.73
1781	03/16/13	3	5	22	\$8.68	\$ 21.32	\$20.19	1781	0 \$	- \$	23.25	\$21.85
1782	03/16/13	3	6	23	\$8.99	\$ 21.48	\$20.19	1782	0 \$	- \$	23.24	\$22.64
1783	03/16/13	3	7	23	\$8.61	\$ 21.48	\$20.33	1783	0 \$	- \$	23.22	\$21.66
1784	03/16/13	3	8	24	\$10.93	\$ 21.76	\$20.59	1784	0 \$	- \$	23.21	\$27.51
1785	03/16/13	3	9	25	\$12.39	\$ 22.23	\$21.03	1785	0 \$	- \$	23.20	\$31.18
1786	03/16/13	3	10	25	\$12.58	\$ 22.23	\$21.03	1786	0 \$	- \$	23.18	\$31.67
1787	03/16/13	3	11	25	\$12.03	\$ 22.23	\$21.03	1787	0 \$	- \$	23.17	\$30.28
1788	03/16/13	3	12	25	\$11.31	\$ 22.23	\$21.03	1788	0 \$	- \$	23.16	\$28.47
1789	03/16/13	3	13	25	\$10.27	\$ 22.23	\$21.03	1789	0 \$	- \$	23.15	\$25.84
1790	03/16/13	3	14	24	\$9.93	\$ 21.76	\$20.59	1790	0 \$	- \$	23.13	\$25.00
1791	03/16/13	3	15	23	\$9.93	\$ 21.48	\$20.33	1791	0 \$	- \$	23.12	\$24.99
1792	03/16/13	3	16	23	\$9.40	\$ 21.48	\$20.33	1792	0 \$	- \$	23.11	\$23.65

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1793	03/16/13	3	17	23	\$9.65	\$ 21.48	\$20.33	1793	0 \$	- \$	23.09	\$24.28
1794	03/16/13	3	18	23	\$10.57	\$ 21.48	\$20.59	1794	0 \$	- \$	23.08	\$26.61
1795	03/16/13	3	19	24	\$13.94	\$ 21.76	\$20.59	1795	0 \$	- \$	23.07	\$35.09
1796	03/16/13	3	20	24	\$16.36	\$ 21.76	\$21.03	1796	0 \$	- \$	23.05	\$41.17
1797	03/16/13	3	21	24	\$15.50	\$ 21.76	\$21.03	1797	0 \$	- \$	23.04	\$39.02
1798	03/16/13	3	22	24	\$13.19	\$ 21.76	\$20.59	1798	0 \$	- \$	23.03	\$33.20
1799	03/16/13	3	23	23	\$10.60	\$ 21.48	\$20.33	1799	0 \$	- \$	23.02	\$26.67
1800	03/16/13	3	24	22	\$10.03	\$ 21.32	\$20.33	1800	0 \$	- \$	23.00	\$25.25
1801	03/17/13	3	1	22	\$10.00	\$ 21.32	\$20.19	1801	0 \$	- \$	22.99	\$25.18
1802	03/17/13	3	2	22	\$9.58	\$ 21.32	\$20.19	1802	0 \$	- \$	22.98	\$24.11
1803	03/17/13	3	3	22	\$9.21	\$ 21.32	\$20.19	1803	0 \$	- \$	22.97	\$23.19
1804	03/17/13	3	4	22	\$8.87	\$ 21.32	\$20.19	1804	0 \$	- \$	22.95	\$22.32
1805	03/17/13	3	5	22	\$8.82	\$ 21.32	\$20.19	1805	0 \$	- \$	22.94	\$22.20
1806	03/17/13	3	6	22	\$9.05	\$ 21.32	\$20.19	1806	0 \$	- \$	22.93	\$22.77
1807	03/17/13	3	7	23	\$8.09	\$ 21.48	\$20.33	1807	0 \$	- \$	22.91	\$20.37
1808	03/17/13	3	8	23	\$9.72	\$ 21.48	\$20.59	1808	0 \$	- \$	22.90	\$24.47
1809	03/17/13	3	9	24	\$10.77	\$ 21.76	\$20.59	1809	0 \$	- \$	22.89	\$27.11
1810	03/17/13	3	10	24	\$10.45	\$ 21.76	\$20.59	1810	0 \$	- \$	22.88	\$26.31
1811	03/17/13	3	11	23	\$9.05	\$ 21.48	\$20.59	1811	0 \$	- \$	22.86	\$22.78
1812	03/17/13	3	12	23	\$8.08	\$ 21.48	\$20.59	1812	0 \$	- \$	22.85	\$20.35
1813	03/17/13	3	13	23	\$7.10	\$ 21.48	\$20.33	1813	0 \$	- \$	22.84	\$17.88
1814	03/17/13	3	14	23	\$6.45	\$ 21.48	\$20.33	1814	0 \$	- \$	22.83	\$16.23
1815	03/17/13	3	15	22	\$6.21	\$ 21.32	\$20.19	1815	0 \$	- \$	22.81	\$15.62
1816	03/17/13	3	16	22	\$5.34	\$ 21.32	\$20.19	1816	0 \$	- \$	22.80	\$13.43
1817	03/17/13	3	17	22	\$4.58	\$ 21.32	\$20.19	1817	0 \$	- \$	22.79	\$11.53
1818	03/17/13	3	18	22	\$4.52	\$ 21.32	\$20.33	1818	0 \$	- \$	22.78	\$11.38
1819	03/17/13	3	19	23	\$4.70	\$ 21.48	\$20.33	1819	0 \$	- \$	22.76	\$11.83
1820	03/17/13	3	20	24	\$5.60	\$ 21.76	\$20.59	1820	0 \$	- \$	22.75	\$14.10
1821	03/17/13	3	21	24	\$5.09	\$ 21.76	\$21.03	1821	0 \$	- \$	22.74	\$12.81
1822	03/17/13	3	22	24	\$2.73	\$ 21.76	\$20.59	1822	0 \$	- \$	22.73	\$6.86
1823	03/17/13	3	23	23	\$3.58	\$ 21.48	\$20.33	1823	0 \$	- \$	22.71	\$9.01
1824	03/17/13	3	24	23	\$3.07	\$ 21.48	\$20.33	1824	0 \$	- \$	22.70	\$7.74
1825	03/18/13	3	1	22	\$4.03	\$ 21.32	\$20.19	1825	0 \$	- \$	22.69	\$10.15
1826	03/18/13	3	2	22	\$4.40	\$ 21.32	\$20.19	1826	0 \$	- \$	22.68	\$11.07
1827	03/18/13	3	3	22	\$4.91	\$ 21.32	\$20.19	1827	0 \$	- \$	22.66	\$12.37
1828	03/18/13	3	4	22	\$5.68	\$ 21.32	\$20.19	1828	0 \$	- \$	22.65	\$14.30
1829	03/18/13	3	5	22	\$6.42	\$ 21.32	\$20.19	1829	0 \$	- \$	22.64	\$16.15
1830	03/18/13	3	6	24	\$6.93	\$ 21.76	\$20.59	1830	0 \$	- \$	22.63	\$17.44
1831	03/18/13	3	7	26	\$7.67	\$ 22.95	\$21.75	1831	0 \$	- \$	22.61	\$19.30
1832	03/18/13	3	8	27	\$9.71	\$ 24.09	\$22.90	1832	0 \$	- \$	22.60	\$24.44
1833	03/18/13	3	9	27	\$10.06	\$ 24.09	\$22.90	1833	0 \$	- \$	22.59	\$25.32
1834	03/18/13	3	10	27	\$8.73	\$ 24.09	\$22.90	1834	0 \$	- \$	22.58	\$21.98
1835	03/18/13	3	11	27	\$7.43	\$ 24.09	\$22.90	1835	0 \$	- \$	22.56	\$18.70
1836	03/18/13	3	12	27	\$6.40	\$ 24.09	\$22.90	1836	0 \$	- \$	22.55	\$16.11
1837	03/18/13	3	13	27	\$5.51	\$ 24.09	\$22.90	1837	0 \$	- \$	22.54	\$13.86
1838	03/18/13	3	14	27	\$3.76	\$ 24.09	\$22.90	1838	0 \$	- \$	22.53	\$9.47
1839	03/18/13	3	15	27	\$2.11	\$ 24.09	\$22.90	1839	0 \$	- \$	22.52	\$5.32
1840	03/18/13	3	16	27	\$1.93	\$ 24.09	\$22.90	1840	0 \$	- \$	22.50	\$4.87
1841	03/18/13	3	17	27	\$2.30	\$ 24.09	\$21.75	1841	0 \$	- \$	22.49	\$5.79
1842	03/18/13	3	18	27	\$3.46	\$ 24.09	\$21.75	1842	0 \$	- \$	22.48	\$8.71
1843	03/18/13	3	19	27	\$4.39	\$ 24.09	\$22.90	1843	0 \$	- \$	22.47	\$11.06
1844	03/18/13	3	20	28	\$6.62	\$ 25.89	\$24.69	1844	0 \$	- \$	22.45	\$16.66
1845	03/18/13	3	21	28	\$6.60	\$ 25.89	\$24.69	1845	0 \$	- \$	22.44	\$16.61
1846	03/18/13	3	22	27	\$5.54	\$ 24.09	\$22.90	1846	0 \$	- \$	22.43	\$13.95
1847	03/18/13	3	23	26	\$6.77	\$ 22.95	\$21.75	1847	0 \$	- \$	22.42	\$17.03
1848	03/18/13	3	24	25	\$5.37	\$ 22.23	\$21.03	1848	0 \$	- \$	22.41	\$13.51

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1849	03/19/13	3	1	25	\$6.38	\$ 22.23	\$21.03	1849	0 \$	- \$	22.39	\$16.06
1850	03/19/13	3	2	25	\$6.48	\$ 22.23	\$20.59	1850	0 \$	- \$	22.38	\$16.32
1851	03/19/13	3	3	25	\$6.74	\$ 22.23	\$20.59	1851	0 \$	- \$	22.37	\$16.96
1852	03/19/13	3	4	25	\$7.24	\$ 22.23	\$21.03	1852	0 \$	- \$	22.36	\$18.23
1853	03/19/13	3	5	25	\$7.83	\$ 22.23	\$21.03	1853	0 \$	- \$	22.35	\$19.71
1854	03/19/13	3	6	26	\$10.00	\$ 22.95	\$21.75	1854	0 \$	- \$	22.33	\$25.17
1855	03/19/13	3	7	27	\$12.70	\$ 24.09	\$22.90	1855	0 \$	- \$	22.32	\$31.97
1856	03/19/13	3	8	27	\$15.28	\$ 24.09	\$22.90	1856	0 \$	- \$	22.31	\$38.45
1857	03/19/13	3	9	27	\$14.48	\$ 24.09	\$22.90	1857	0 \$	- \$	22.30	\$36.45
1858	03/19/13	3	10	27	\$14.79	\$ 24.09	\$21.75	1858	0 \$	- \$	22.29	\$37.23
1859	03/19/13	3	11	27	\$14.81	\$ 24.09	\$21.75	1859	0 \$	- \$	22.27	\$37.29
1860	03/19/13	3	12	26	\$15.06	\$ 22.95	\$21.75	1860	0 \$	- \$	22.26	\$37.91
1861	03/19/13	3	13	26	\$14.00	\$ 22.95	\$21.03	1861	0 \$	- \$	22.25	\$35.24
1862	03/19/13	3	14	24	\$13.79	\$ 21.76	\$20.33	1862	0 \$	- \$	22.24	\$34.70
1863	03/19/13	3	15	24	\$12.03	\$ 21.76	\$20.59	1863	0 \$	- \$	22.23	\$30.28
1864	03/19/13	3	16	24	\$10.77	\$ 21.76	\$20.33	1864	0 \$	- \$	22.21	\$27.11
1865	03/19/13	3	17	23	\$10.78	\$ 21.48	\$20.33	1865	0 \$	- \$	22.20	\$27.13
1866	03/19/13	3	18	23	\$10.89	\$ 21.48	\$20.33	1866	0 \$	- \$	22.19	\$27.40
1867	03/19/13	3	19	23	\$12.30	\$ 21.48	\$20.33	1867	0 \$	- \$	22.18	\$30.95
1868	03/19/13	3	20	24	\$14.63	\$ 21.76	\$20.59	1868	0 \$	- \$	22.17	\$36.83
1869	03/19/13	3	21	25	\$14.11	\$ 22.23	\$21.03	1869	0 \$	- \$	22.15	\$35.51
1870	03/19/13	3	22	25	\$12.10	\$ 22.23	\$21.03	1870	0 \$	- \$	22.14	\$30.45
1871	03/19/13	3	23	25	\$9.75	\$ 22.23	\$20.59	1871	0 \$	- \$	22.13	\$24.55
1872	03/19/13	3	24	24	\$8.65	\$ 21.76	\$20.59	1872	0 \$	- \$	22.12	\$21.77
1873	03/20/13	3	1	24	\$7.63	\$ 21.76	\$20.59	1873	0 \$	- \$	22.11	\$19.21
1874	03/20/13	3	2	23	\$7.29	\$ 21.48	\$20.33	1874	0 \$	- \$	22.10	\$18.36
1875	03/20/13	3	3	24	\$7.54	\$ 21.76	\$20.59	1875	0 \$	- \$	22.08	\$18.97
1876	03/20/13	3	4	24	\$7.81	\$ 21.76	\$20.59	1876	0 \$	- \$	22.07	\$19.65
1877	03/20/13	3	5	25	\$8.43	\$ 22.23	\$21.03	1877	0 \$	- \$	22.06	\$21.23
1878	03/20/13	3	6	27	\$10.09	\$ 24.09	\$21.75	1878	0 \$	- \$	22.05	\$25.40
1879	03/20/13	3	7	28	\$14.72	\$ 25.89	\$24.69	1879	0 \$	- \$	22.04	\$37.05
1880	03/20/13	3	8	30	\$15.31	\$ 32.53	\$27.35	1880	0 \$	- \$	22.02	\$38.53
1881	03/20/13	3	9	29	\$15.20	\$ 28.65	\$27.35	1881	0 \$	- \$	22.01	\$38.25
1882	03/20/13	3	10	28	\$14.75	\$ 25.89	\$24.69	1882	0 \$	- \$	22.00	\$37.12
1883	03/20/13	3	11	28	\$14.57	\$ 25.89	\$24.69	1883	0 \$	- \$	21.99	\$36.67
1884	03/20/13	3	12	27	\$13.86	\$ 24.09	\$22.90	1884	0 \$	- \$	21.98	\$34.89
1885	03/20/13	3	13	27	\$12.85	\$ 24.09	\$22.90	1885	0 \$	- \$	21.97	\$32.34
1886	03/20/13	3	14	27	\$12.40	\$ 24.09	\$22.90	1886	0 \$	- \$	21.95	\$31.20
1887	03/20/13	3	15	27	\$10.79	\$ 24.09	\$21.75	1887	0 \$	- \$	21.94	\$27.16
1888	03/20/13	3	16	27	\$10.37	\$ 24.09	\$22.90	1888	0 \$	- \$	21.93	\$26.10
1889	03/20/13	3	17	27	\$10.93	\$ 24.09	\$22.90	1889	0 \$	- \$	21.92	\$27.52
1890	03/20/13	3	18	27	\$11.20	\$ 24.09	\$21.75	1890	0 \$	- \$	21.91	\$28.18
1891	03/20/13	3	19	26	\$13.66	\$ 22.95	\$21.75	1891	0 \$	- \$	21.90	\$34.39
1892	03/20/13	3	20	28	\$18.68	\$ 25.89	\$22.90	1892	0 \$	- \$	21.89	\$47.02
1893	03/20/13	3	21	28	\$18.14	\$ 25.89	\$24.69	1893	0 \$	- \$	21.87	\$45.65
1894	03/20/13	3	22	27	\$15.94	\$ 24.09	\$22.90	1894	0 \$	- \$	21.86	\$40.11
1895	03/20/13	3	23	26	\$12.57	\$ 22.95	\$21.75	1895	0 \$	- \$	21.85	\$31.65
1896	03/20/13	3	24	26	\$12.16	\$ 22.95	\$21.75	1896	0 \$	- \$	21.84	\$30.61
1897	03/21/13	3	1	25	\$11.72	\$ 22.23	\$21.03	1897	0 \$	- \$	21.83	\$29.51
1898	03/21/13	3	2	25	\$11.82	\$ 22.23	\$21.03	1898	0 \$	- \$	21.82	\$29.76
1899	03/21/13	3	3	25	\$11.86	\$ 22.23	\$21.03	1899	0 \$	- \$	21.80	\$29.84
1900	03/21/13	3	4	25	\$12.03	\$ 22.23	\$21.03	1900	0 \$	- \$	21.79	\$30.29
1901	03/21/13	3	5	25	\$13.14	\$ 22.23	\$21.03	1901	0 \$	- \$	21.78	\$33.08
1902	03/21/13	3	6	27	\$16.10	\$ 24.09	\$21.75	1902	0 \$	- \$	21.77	\$40.52
1903	03/21/13	3	7	28	\$21.19	\$ 25.89	\$24.69	1903	0 \$	- \$	21.76	\$53.33
1904	03/21/13	3	8	29	\$22.30	\$ 28.65	\$27.35	1904	0 \$	- \$	21.75	\$56.12

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1905	03/21/13	3	9	29	\$19.62	\$ 28.65	\$27.35	1905	0 \$	- \$	21.74	\$49.39
1906	03/21/13	3	10	29	\$18.51	\$ 28.65	\$27.35	1906	0 \$	- \$	21.72	\$46.59
1907	03/21/13	3	11	29	\$18.15	\$ 28.65	\$24.69	1907	0 \$	- \$	21.71	\$45.69
1908	03/21/13	3	12	28	\$17.19	\$ 25.89	\$22.90	1908	0 \$	- \$	21.70	\$43.27
1909	03/21/13	3	13	27	\$16.30	\$ 24.09	\$22.90	1909	0 \$	- \$	21.69	\$41.04
1910	03/21/13	3	14	27	\$15.39	\$ 24.09	\$22.90	1910	0 \$	- \$	21.68	\$38.73
1911	03/21/13	3	15	27	\$14.12	\$ 24.09	\$22.90	1911	0 \$	- \$	21.67	\$35.53
1912	03/21/13	3	16	26	\$12.37	\$ 22.95	\$21.75	1912	0 \$	- \$	21.66	\$31.14
1913	03/21/13	3	17	26	\$12.08	\$ 22.95	\$21.03	1913	0 \$	- \$	21.64	\$30.41
1914	03/21/13	3	18	25	\$12.16	\$ 22.23	\$21.03	1914	0 \$	- \$	21.63	\$30.61
1915	03/21/13	3	19	25	\$14.73	\$ 22.23	\$21.03	1915	0 \$	- \$	21.62	\$37.08
1916	03/21/13	3	20	27	\$18.58	\$ 24.09	\$22.90	1916	0 \$	- \$	21.61	\$46.77
1917	03/21/13	3	21	27	\$17.95	\$ 24.09	\$22.90	1917	0 \$	- \$	21.60	\$45.19
1918	03/21/13	3	22	27	\$14.87	\$ 24.09	\$21.75	1918	0 \$	- \$	21.59	\$37.43
1919	03/21/13	3	23	26	\$11.78	\$ 22.95	\$21.75	1919	0 \$	- \$	21.58	\$29.65
1920	03/21/13	3	24	25	\$10.58	\$ 22.23	\$20.59	1920	0 \$	- \$	21.57	\$26.64
1921	03/22/13	3	1	24	\$13.30	\$ 21.76	\$20.59	1921	0 \$	- \$	21.55	\$33.48
1922	03/22/13	3	2	24	\$12.07	\$ 21.76	\$20.59	1922	0 \$	- \$	21.54	\$30.37
1923	03/22/13	3	3	24	\$11.73	\$ 21.76	\$20.59	1923	0 \$	- \$	21.53	\$29.52
1924	03/22/13	3	4	23	\$12.32	\$ 21.48	\$20.33	1924	0 \$	- \$	21.52	\$31.02
1925	03/22/13	3	5	23	\$12.40	\$ 21.48	\$20.33	1925	0 \$	- \$	21.51	\$31.22
1926	03/22/13	3	6	26	\$14.83	\$ 22.95	\$21.03	1926	0 \$	- \$	21.50	\$37.32
1927	03/22/13	3	7	28	\$20.52	\$ 25.89	\$22.90	1927	0 \$	- \$	21.49	\$51.65
1928	03/22/13	3	8	28	\$23.03	\$ 25.89	\$24.69	1928	0 \$	- \$	21.48	\$57.98
1929	03/22/13	3	9	29	\$18.70	\$ 28.65	\$24.69	1929	0 \$	- \$	21.47	\$47.08
1930	03/22/13	3	10	28	\$17.94	\$ 25.89	\$24.69	1930	0 \$	- \$	21.45	\$45.15
1931	03/22/13	3	11	28	\$18.52	\$ 25.89	\$24.69	1931	0 \$	- \$	21.44	\$46.62
1932	03/22/13	3	12	28	\$17.37	\$ 25.89	\$22.90	1932	0 \$	- \$	21.43	\$43.71
1933	03/22/13	3	13	27	\$16.36	\$ 24.09	\$22.90	1933	0 \$	- \$	21.42	\$41.18
1934	03/22/13	3	14	27	\$15.49	\$ 24.09	\$21.75	1934	0 \$	- \$	21.41	\$39.00
1935	03/22/13	3	15	26	\$13.75	\$ 22.95	\$21.75	1935	0 \$	- \$	21.40	\$34.62
1936	03/22/13	3	16	26	\$12.90	\$ 22.95	\$21.75	1936	0 \$	- \$	21.39	\$32.46
1937	03/22/13	3	17	25	\$12.83	\$ 22.23	\$21.03	1937	0 \$	- \$	21.38	\$32.29
1938	03/22/13	3	18	25	\$12.63	\$ 22.23	\$21.03	1938	0 \$	- \$	21.37	\$31.80
1939	03/22/13	3	19	25	\$14.35	\$ 22.23	\$21.03	1939	0 \$	- \$	21.35	\$36.13
1940	03/22/13	3	20	26	\$18.14	\$ 22.95	\$21.75	1940	0 \$	- \$	21.34	\$45.65
1941	03/22/13	3	21	26	\$17.56	\$ 22.95	\$21.75	1941	0 \$	- \$	21.33	\$44.20
1942	03/22/13	3	22	25	\$15.57	\$ 22.23	\$21.03	1942	0 \$	- \$	21.32	\$39.20
1943	03/22/13	3	23	24	\$13.32	\$ 21.76	\$20.59	1943	0 \$	- \$	21.31	\$33.52
1944	03/22/13	3	24	24	\$11.18	\$ 21.76	\$20.33	1944	0 \$	- \$	21.30	\$28.15
1945	03/23/13	3	1	23	\$11.44	\$ 21.48	\$20.33	1945	0 \$	- \$	21.29	\$28.80
1946	03/23/13	3	2	23	\$11.27	\$ 21.48	\$20.33	1946	0 \$	- \$	21.28	\$28.37
1947	03/23/13	3	3	23	\$11.26	\$ 21.48	\$20.33	1947	0 \$	- \$	21.27	\$28.33
1948	03/23/13	3	4	23	\$11.12	\$ 21.48	\$20.19	1948	0 \$	- \$	21.26	\$27.98
1949	03/23/13	3	5	23	\$11.53	\$ 21.48	\$20.19	1949	0 \$	- \$	21.25	\$29.01
1950	03/23/13	3	6	23	\$12.26	\$ 21.48	\$20.33	1950	0 \$	- \$	21.23	\$30.86
1951	03/23/13	3	7	24	\$13.31	\$ 21.76	\$20.59	1951	0 \$	- \$	21.22	\$33.50
1952	03/23/13	3	8	24	\$14.20	\$ 21.76	\$20.59	1952	0 \$	- \$	21.21	\$35.73
1953	03/23/13	3	9	25	\$16.13	\$ 22.23	\$21.03	1953	0 \$	- \$	21.20	\$40.59
1954	03/23/13	3	10	25	\$15.87	\$ 22.23	\$21.03	1954	0 \$	- \$	21.19	\$39.95
1955	03/23/13	3	11	25	\$15.68	\$ 22.23	\$21.03	1955	0 \$	- \$	21.18	\$39.48
1956	03/23/13	3	12	24	\$14.93	\$ 21.76	\$21.03	1956	0 \$	- \$	21.17	\$37.58
1957	03/23/13	3	13	24	\$13.00	\$ 21.76	\$20.59	1957	0 \$	- \$	21.16	\$32.71
1958	03/23/13	3	14	24	\$11.77	\$ 21.76	\$20.59	1958	0 \$	- \$	21.15	\$29.62
1959	03/23/13	3	15	23	\$10.76	\$ 21.48	\$20.33	1959	0 \$	- \$	21.14	\$27.09
1960	03/23/13	3	16	23	\$10.49	\$ 21.48	\$20.33	1960	0 \$	- \$	21.13	\$26.41

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1961	03/23/13	3	17	23	\$10.15	\$ 21.48	\$20.33	1961	0 \$	- \$	21.12	\$25.54
1962	03/23/13	3	18	23	\$10.29	\$ 21.48	\$20.33	1962	0 \$	- \$	21.10	\$25.91
1963	03/23/13	3	19	24	\$11.24	\$ 21.76	\$20.59	1963	0 \$	- \$	21.09	\$28.29
1964	03/23/13	3	20	24	\$14.00	\$ 21.76	\$20.59	1964	0 \$	- \$	21.08	\$35.25
1965	03/23/13	3	21	25	\$13.76	\$ 22.23	\$21.03	1965	0 \$	- \$	21.07	\$34.63
1966	03/23/13	3	22	24	\$10.90	\$ 21.76	\$20.59	1966	0 \$	- \$	21.06	\$27.43
1967	03/23/13	3	23	23	\$10.34	\$ 21.48	\$20.33	1967	0 \$	- \$	21.05	\$26.02
1968	03/23/13	3	24	23	\$9.84	\$ 21.48	\$20.33	1968	0 \$	- \$	21.04	\$24.78
1969	03/24/13	3	1	22	\$9.84	\$ 21.32	\$20.19	1969	0 \$	- \$	21.03	\$24.78
1970	03/24/13	3	2	22	\$9.87	\$ 21.32	\$20.19	1970	0 \$	- \$	21.02	\$24.85
1971	03/24/13	3	3	22	\$9.58	\$ 21.32	\$20.19	1971	0 \$	- \$	21.01	\$24.12
1972	03/24/13	3	4	22	\$9.57	\$ 21.32	\$20.19	1972	0 \$	- \$	21.00	\$24.08
1973	03/24/13	3	5	22	\$9.32	\$ 21.32	\$20.19	1973	0 \$	- \$	20.99	\$23.47
1974	03/24/13	3	6	22	\$9.01	\$ 21.32	\$20.19	1974	0 \$	- \$	20.98	\$22.69
1975	03/24/13	3	7	23	\$8.90	\$ 21.48	\$20.33	1975	0 \$	- \$	20.97	\$22.40
1976	03/24/13	3	8	23	\$9.25	\$ 21.48	\$20.33	1976	0 \$	- \$	20.95	\$23.29
1977	03/24/13	3	9	24	\$9.65	\$ 21.76	\$20.59	1977	0 \$	- \$	20.94	\$24.28
1978	03/24/13	3	10	24	\$9.98	\$ 21.76	\$20.59	1978	0 \$	- \$	20.93	\$25.12
1979	03/24/13	3	11	24	\$9.95	\$ 21.76	\$20.59	1979	0 \$	- \$	20.92	\$25.05
1980	03/24/13	3	12	24	\$9.80	\$ 21.76	\$21.03	1980	0 \$	- \$	20.91	\$24.67
1981	03/24/13	3	13	24	\$9.60	\$ 21.76	\$20.59	1981	0 \$	- \$	20.90	\$24.16
1982	03/24/13	3	14	24	\$9.38	\$ 21.76	\$20.59	1982	0 \$	- \$	20.89	\$23.60
1983	03/24/13	3	15	24	\$8.91	\$ 21.76	\$20.59	1983	0 \$	- \$	20.88	\$22.43
1984	03/24/13	3	16	24	\$8.70	\$ 21.76	\$20.59	1984	0 \$	- \$	20.87	\$21.90
1985	03/24/13	3	17	24	\$8.80	\$ 21.76	\$20.59	1985	0 \$	- \$	20.86	\$22.15
1986	03/24/13	3	18	24	\$9.29	\$ 21.76	\$20.59	1986	0 \$	- \$	20.85	\$23.38
1987	03/24/13	3	19	24	\$10.34	\$ 21.76	\$20.59	1987	0 \$	- \$	20.84	\$26.03
1988	03/24/13	3	20	25	\$12.45	\$ 22.23	\$21.03	1988	0 \$	- \$	20.83	\$31.34
1989	03/24/13	3	21	25	\$12.69	\$ 22.23	\$21.75	1989	0 \$	- \$	20.82	\$31.95
1990	03/24/13	3	22	25	\$9.90	\$ 22.23	\$21.03	1990	0 \$	- \$	20.81	\$24.93
1991	03/24/13	3	23	24	\$9.20	\$ 21.76	\$20.59	1991	0 \$	- \$	20.80	\$23.16
1992	03/24/13	3	24	23	\$8.66	\$ 21.48	\$20.33	1992	0 \$	- \$	20.79	\$21.81
1993	03/25/13	3	1	23	\$1.97	\$ 21.48	\$20.33	1993	0 \$	- \$	20.78	\$4.95
1994	03/25/13	3	2	22	\$2.44	\$ 21.32	\$20.19	1994	0 \$	- \$	20.77	\$6.13
1995	03/25/13	3	3	23	\$2.64	\$ 21.48	\$20.33	1995	0 \$	- \$	20.76	\$6.65
1996	03/25/13	3	4	22	\$2.75	\$ 21.32	\$20.33	1996	0 \$	- \$	20.74	\$6.91
1997	03/25/13	3	5	23	\$3.26	\$ 21.48	\$20.33	1997	0 \$	- \$	20.73	\$8.20
1998	03/25/13	3	6	24	\$5.67	\$ 21.76	\$20.59	1998	0 \$	- \$	20.72	\$14.27
1999	03/25/13	3	7	26	\$7.81	\$ 22.95	\$21.75	1999	0 \$	- \$	20.71	\$19.67
2000	03/25/13	3	8	28	\$7.77	\$ 25.89	\$24.69	2000	0 \$	- \$	20.70	\$19.55
2001	03/25/13	3	9	28	\$7.82	\$ 25.89	\$24.69	2001	0 \$	- \$	20.69	\$19.69
2002	03/25/13	3	10	28	\$7.35	\$ 25.89	\$22.90	2002	0 \$	- \$	20.68	\$18.50
2003	03/25/13	3	11	28	\$6.77	\$ 25.89	\$22.90	2003	0 \$	- \$	20.67	\$17.04
2004	03/25/13	3	12	27	\$6.03	\$ 24.09	\$21.75	2004	0 \$	- \$	20.66	\$15.17
2005	03/25/13	3	13	27	\$5.63	\$ 24.09	\$21.75	2005	0 \$	- \$	20.65	\$14.16
2006	03/25/13	3	14	27	\$5.67	\$ 24.09	\$22.90	2006	0 \$	- \$	20.64	\$14.28
2007	03/25/13	3	15	26	\$5.12	\$ 22.95	\$21.75	2007	0 \$	- \$	20.63	\$12.90
2008	03/25/13	3	16	26	\$5.11	\$ 22.95	\$21.75	2008	0 \$	- \$	20.62	\$12.85
2009	03/25/13	3	17	26	\$4.89	\$ 22.95	\$21.75	2009	0 \$	- \$	20.61	\$12.31
2010	03/25/13	3	18	26	\$5.48	\$ 22.95	\$21.75	2010	0 \$	- \$	20.60	\$13.79
2011	03/25/13	3	19	26	\$6.64	\$ 22.95	\$21.75	2011	0 \$	- \$	20.59	\$16.72
2012	03/25/13	3	20	27	\$7.91	\$ 24.09	\$22.90	2012	0 \$	- \$	20.58	\$19.90
2013	03/25/13	3	21	27	\$8.50	\$ 24.09	\$22.90	2013	0 \$	- \$	20.57	\$21.39
2014	03/25/13	3	22	26	\$7.64	\$ 22.95	\$21.75	2014	0 \$	- \$	20.56	\$19.22
2015	03/25/13	3	23	24	\$7.02	\$ 21.76	\$20.59	2015	0 \$	- \$	20.55	\$17.68
2016	03/25/13	3	24	23	\$6.08	\$ 21.48	\$20.33	2016	0 \$	- \$	20.54	\$15.31

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2017	03/26/13	3	1	22	\$8.20	\$ 21.32	\$20.19	2017	0 \$	- \$	20.53	\$20.65
2018	03/26/13	3	2	22	\$8.28	\$ 21.32	\$20.19	2018	0 \$	- \$	20.52	\$20.85
2019	03/26/13	3	3	22	\$8.59	\$ 21.32	\$20.19	2019	0 \$	- \$	20.51	\$21.62
2020	03/26/13	3	4	22	\$9.11	\$ 21.32	\$20.19	2020	0 \$	- \$	20.50	\$22.92
2021	03/26/13	3	5	22	\$9.34	\$ 21.32	\$20.19	2021	0 \$	- \$	20.49	\$23.51
2022	03/26/13	3	6	23	\$12.08	\$ 21.48	\$20.33	2022	0 \$	- \$	20.48	\$30.41
2023	03/26/13	3	7	25	\$17.77	\$ 22.23	\$21.03	2023	0 \$	- \$	20.47	\$44.74
2024	03/26/13	3	8	26	\$17.72	\$ 22.95	\$21.75	2024	0 \$	- \$	20.46	\$44.61
2025	03/26/13	3	9	24	\$16.71	\$ 21.76	\$20.59	2025	0 \$	- \$	20.45	\$42.06
2026	03/26/13	3	10	23	\$17.10	\$ 21.48	\$20.33	2026	0 \$	- \$	20.44	\$43.03
2027	03/26/13	3	11	23	\$17.70	\$ 21.48	\$20.33	2027	0 \$	- \$	20.43	\$44.54
2028	03/26/13	3	12	23	\$16.64	\$ 21.48	\$20.19	2028	0 \$	- \$	20.42	\$41.88
2029	03/26/13	3	13	22	\$15.64	\$ 21.32	\$20.19	2029	0 \$	- \$	20.41	\$39.36
2030	03/26/13	3	14	22	\$14.93	\$ 21.32	\$20.19	2030	0 \$	- \$	20.40	\$37.58
2031	03/26/13	3	15	22	\$13.70	\$ 21.32	\$20.19	2031	0 \$	- \$	20.39	\$34.48
2032	03/26/13	3	16	22	\$12.36	\$ 21.32	\$20.13	2032	0 \$	- \$	20.38	\$31.11
2033	03/26/13	3	17	22	\$12.05	\$ 21.32	\$20.13	2033	0 \$	- \$	20.37	\$30.34
2034	03/26/13	3	18	21	\$12.90	\$ 21.25	\$20.13	2034	0 \$	- \$	20.36	\$32.48
2035	03/26/13	3	19	22	\$15.07	\$ 21.32	\$20.13	2035	0 \$	- \$	20.35	\$37.94
2036	03/26/13	3	20	23	\$18.72	\$ 21.48	\$20.33	2036	0 \$	- \$	20.34	\$47.13
2037	03/26/13	3	21	24	\$18.94	\$ 21.76	\$20.59	2037	0 \$	- \$	20.33	\$47.67
2038	03/26/13	3	22	25	\$14.79	\$ 22.23	\$21.03	2038	0 \$	- \$	20.32	\$37.22
2039	03/26/13	3	23	24	\$11.57	\$ 21.76	\$20.59	2039	0 \$	- \$	20.31	\$29.13
2040	03/26/13	3	24	24	\$10.44	\$ 21.76	\$20.59	2040	0 \$	- \$	20.30	\$26.29
2041	03/27/13	3	1	23	\$11.16	\$ 21.48	\$20.33	2041	0 \$	- \$	20.29	\$28.10
2042	03/27/13	3	2	23	\$9.90	\$ 21.48	\$20.33	2042	0 \$	- \$	20.28	\$24.93
2043	03/27/13	3	3	23	\$10.01	\$ 21.48	\$20.33	2043	0 \$	- \$	20.27	\$25.20
2044	03/27/13	3	4	23	\$9.90	\$ 21.48	\$20.33	2044	0 \$	- \$	20.26	\$24.91
2045	03/27/13	3	5	24	\$11.40	\$ 21.76	\$20.59	2045	0 \$	- \$	20.25	\$28.69
2046	03/27/13	3	6	25	\$13.27	\$ 22.23	\$21.03	2046	0 \$	- \$	20.24	\$33.41
2047	03/27/13	3	7	27	\$16.79	\$ 24.09	\$22.90	2047	0 \$	- \$	20.23	\$42.27
2048	03/27/13	3	8	28	\$17.06	\$ 25.89	\$22.90	2048	0 \$	- \$	20.22	\$42.94
2049	03/27/13	3	9	27	\$17.19	\$ 24.09	\$22.90	2049	0 \$	- \$	20.21	\$43.26
2050	03/27/13	3	10	27	\$17.02	\$ 24.09	\$21.75	2050	0 \$	- \$	20.20	\$42.83
2051	03/27/13	3	11	27	\$15.78	\$ 24.09	\$21.75	2051	0 \$	- \$	20.19	\$39.71
2052	03/27/13	3	12	26	\$14.75	\$ 22.95	\$21.75	2052	0 \$	- \$	20.18	\$37.12
2053	03/27/13	3	13	26	\$13.28	\$ 22.95	\$21.03	2053	0 \$	- \$	20.17	\$33.42
2054	03/27/13	3	14	26	\$12.59	\$ 22.95	\$21.03	2054	0 \$	- \$	20.16	\$31.68
2055	03/27/13	3	15	25	\$11.64	\$ 22.23	\$21.03	2055	0 \$	- \$	20.15	\$29.30
2056	03/27/13	3	16	25	\$10.69	\$ 22.23	\$21.03	2056	0 \$	- \$	20.14	\$26.90
2057	03/27/13	3	17	24	\$10.69	\$ 21.76	\$20.59	2057	0 \$	- \$	20.13	\$26.90
2058	03/27/13	3	18	24	\$11.01	\$ 21.76	\$20.59	2058	0 \$	- \$	20.12	\$27.72
2059	03/27/13	3	19	24	\$13.27	\$ 21.76	\$20.59	2059	0 \$	- \$	20.11	\$33.39
2060	03/27/13	3	20	25	\$17.32	\$ 22.23	\$20.59	2060	0 \$	- \$	20.10	\$43.60
2061	03/27/13	3	21	25	\$17.17	\$ 22.23	\$21.03	2061	0 \$	- \$	20.09	\$43.22
2062	03/27/13	3	22	25	\$12.98	\$ 22.23	\$21.03	2062	0 \$	- \$	20.08	\$32.67
2063	03/27/13	3	23	24	\$9.95	\$ 21.76	\$20.59	2063	0 \$	- \$	20.07	\$25.04
2064	03/27/13	3	24	23	\$9.41	\$ 21.48	\$20.33	2064	0 \$	- \$	20.06	\$23.68
2065	03/28/13	3	1	23	\$8.66	\$ 21.48	\$20.33	2065	0 \$	- \$	20.05	\$21.80
2066	03/28/13	3	2	23	\$8.18	\$ 21.48	\$20.33	2066	0 \$	- \$	20.04	\$20.60
2067	03/28/13	3	3	23	\$8.26	\$ 21.48	\$20.33	2067	0 \$	- \$	20.03	\$20.79
2068	03/28/13	3	4	23	\$8.36	\$ 21.48	\$20.33	2068	0 \$	- \$	20.02	\$21.04
2069	03/28/13	3	5	23	\$9.17	\$ 21.48	\$20.33	2069	0 \$	- \$	20.01	\$23.07
2070	03/28/13	3	6	24	\$10.84	\$ 21.76	\$20.59	2070	0 \$	- \$	20.00	\$27.29
2071	03/28/13	3	7	26	\$14.81	\$ 22.95	\$21.75	2071	0 \$	- \$	19.99	\$37.29
2072	03/28/13	3	8	27	\$15.85	\$ 24.09	\$22.90	2072	0 \$	- \$	19.98	\$39.90

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2073	03/28/13	3	9	27	\$15.36	\$ 24.09	\$22.90	2073	0 \$	- \$	19.97	\$38.67
2074	03/28/13	3	10	26	\$14.43	\$ 22.95	\$21.75	2074	0 \$	- \$	19.96	\$36.33
2075	03/28/13	3	11	25	\$14.16	\$ 22.23	\$21.03	2075	0 \$	- \$	19.96	\$35.63
2076	03/28/13	3	12	24	\$13.29	\$ 21.76	\$20.59	2076	0 \$	- \$	19.95	\$33.45
2077	03/28/13	3	13	24	\$12.16	\$ 21.76	\$20.33	2077	0 \$	- \$	19.94	\$30.60
2078	03/28/13	3	14	23	\$11.55	\$ 21.48	\$20.33	2078	0 \$	- \$	19.93	\$29.08
2079	03/28/13	3	15	23	\$10.42	\$ 21.48	\$20.33	2079	0 \$	- \$	19.92	\$26.24
2080	03/28/13	3	16	23	\$9.40	\$ 21.48	\$20.33	2080	0 \$	- \$	19.91	\$23.65
2081	03/28/13	3	17	23	\$10.81	\$ 21.48	\$20.33	2081	0 \$	- \$	19.90	\$27.20
2082	03/28/13	3	18	23	\$10.77	\$ 21.48	\$20.33	2082	0 \$	- \$	19.89	\$27.12
2083	03/28/13	3	19	23	\$12.38	\$ 21.48	\$20.33	2083	0 \$	- \$	19.88	\$31.17
2084	03/28/13	3	20	24	\$16.28	\$ 21.76	\$20.59	2084	0 \$	- \$	19.87	\$40.97
2085	03/28/13	3	21	24	\$16.15	\$ 21.76	\$20.59	2085	0 \$	- \$	19.86	\$40.65
2086	03/28/13	3	22	24	\$11.74	\$ 21.76	\$20.59	2086	0 \$	- \$	19.85	\$29.54
2087	03/28/13	3	23	23	\$9.09	\$ 21.48	\$20.33	2087	0 \$	- \$	19.84	\$22.88
2088	03/28/13	3	24	22	\$8.26	\$ 21.32	\$20.19	2088	0 \$	- \$	19.83	\$20.78
2089	03/29/13	3	1	22	\$8.05	\$ 21.32	\$20.19	2089	0 \$	- \$	19.82	\$20.25
2090	03/29/13	3	2	21	\$7.74	\$ 21.25	\$20.13	2090	0 \$	- \$	19.81	\$19.48
2091	03/29/13	3	3	22	\$7.77	\$ 21.32	\$20.19	2091	0 \$	- \$	19.80	\$19.56
2092	03/29/13	3	4	22	\$7.76	\$ 21.32	\$20.19	2092	0 \$	- \$	19.79	\$19.52
2093	03/29/13	3	5	22	\$8.10	\$ 21.32	\$20.19	2093	0 \$	- \$	19.78	\$20.40
2094	03/29/13	3	6	23	\$9.17	\$ 21.48	\$20.33	2094	0 \$	- \$	19.77	\$23.07
2095	03/29/13	3	7	25	\$12.07	\$ 22.23	\$20.59	2095	0 \$	- \$	19.76	\$30.39
2096	03/29/13	3	8	25	\$13.56	\$ 22.23	\$21.03	2096	0 \$	- \$	19.76	\$34.12
2097	03/29/13	3	9	25	\$13.95	\$ 22.23	\$21.03	2097	0 \$	- \$	19.75	\$35.12
2098	03/29/13	3	10	24	\$13.71	\$ 21.76	\$20.59	2098	0 \$	- \$	19.74	\$34.52
2099	03/29/13	3	11	24	\$14.03	\$ 21.76	\$20.59	2099	0 \$	- \$	19.73	\$35.32
2100	03/29/13	3	12	24	\$12.00	\$ 21.76	\$20.59	2100	0 \$	- \$	19.72	\$30.21
2101	03/29/13	3	13	24	\$10.94	\$ 21.76	\$20.59	2101	0 \$	- \$	19.71	\$27.53
2102	03/29/13	3	14	24	\$9.75	\$ 21.76	\$20.59	2102	0 \$	- \$	19.70	\$24.55
2103	03/29/13	3	15	24	\$9.56	\$ 21.76	\$20.59	2103	0 \$	- \$	19.69	\$24.06
2104	03/29/13	3	16	23	\$9.21	\$ 21.48	\$20.59	2104	0 \$	- \$	19.68	\$23.18
2105	03/29/13	3	17	23	\$9.46	\$ 21.48	\$20.59	2105	0 \$	- \$	19.67	\$23.81
2106	03/29/13	3	18	23	\$9.35	\$ 21.48	\$20.33	2106	0 \$	- \$	19.66	\$23.53
2107	03/29/13	3	19	22	\$9.85	\$ 21.32	\$20.33	2107	0 \$	- \$	19.65	\$24.79
2108	03/29/13	3	20	23	\$12.09	\$ 21.48	\$20.33	2108	0 \$	- \$	19.64	\$30.43
2109	03/29/13	3	21	24	\$11.31	\$ 21.76	\$20.59	2109	0 \$	- \$	19.63	\$28.47
2110	03/29/13	3	22	23	\$8.70	\$ 21.48	\$20.33	2110	0 \$	- \$	19.62	\$21.91
2111	03/29/13	3	23	23	\$7.57	\$ 21.48	\$20.33	2111	0 \$	- \$	19.61	\$19.05
2112	03/29/13	3	24	22	\$6.82	\$ 21.32	\$20.19	2112	0 \$	- \$	19.61	\$17.16
2113	03/30/13	3	1	21	\$2.46	\$ 21.25	\$20.13	2113	0 \$	- \$	19.60	\$6.18
2114	03/30/13	3	2	21	\$1.53	\$ 21.25	\$20.13	2114	0 \$	- \$	19.59	\$3.86
2115	03/30/13	3	3	20	\$1.59	\$ 21.22	\$20.13	2115	0 \$	- \$	19.58	\$3.99
2116	03/30/13	3	4	20	\$1.70	\$ 21.22	\$20.10	2116	0 \$	- \$	19.57	\$4.28
2117	03/30/13	3	5	20	\$2.92	\$ 21.22	\$20.10	2117	0 \$	- \$	19.56	\$7.36
2118	03/30/13	3	6	21	\$3.38	\$ 21.25	\$20.13	2118	0 \$	- \$	19.55	\$8.52
2119	03/30/13	3	7	20	\$6.07	\$ 21.22	\$20.10	2119	0 \$	- \$	19.54	\$15.27
2120	03/30/13	3	8	21	\$8.11	\$ 21.25	\$20.13	2120	0 \$	- \$	19.53	\$20.41
2121	03/30/13	3	9	22	\$9.03	\$ 21.32	\$20.19	2121	0 \$	- \$	19.52	\$22.74
2122	03/30/13	3	10	23	\$9.84	\$ 21.48	\$20.33	2122	0 \$	- \$	19.51	\$24.76
2123	03/30/13	3	11	23	\$10.20	\$ 21.48	\$20.33	2123	0 \$	- \$	19.50	\$25.67
2124	03/30/13	3	12	23	\$9.60	\$ 21.48	\$20.33	2124	0 \$	- \$	19.49	\$24.17
2125	03/30/13	3	13	22	\$9.11	\$ 21.32	\$20.19	2125	0 \$	- \$	19.49	\$22.93
2126	03/30/13	3	14	22	\$9.07	\$ 21.32	\$20.19	2126	0 \$	- \$	19.48	\$22.82
2127	03/30/13	3	15	22	\$8.55	\$ 21.32	\$20.19	2127	0 \$	- \$	19.47	\$21.53
2128	03/30/13	3	16	22	\$8.23	\$ 21.32	\$20.19	2128	0 \$	- \$	19.46	\$20.71

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2129	03/30/13	3	17	22	\$8.17	\$ 21.32	\$20.19	2129	0 \$	- \$	19.45	\$20.56
2130	03/30/13	3	18	22	\$8.34	\$ 21.32	\$20.19	2130	0 \$	- \$	19.44	\$20.99
2131	03/30/13	3	19	21	\$8.66	\$ 21.25	\$20.13	2131	0 \$	- \$	19.43	\$21.79
2132	03/30/13	3	20	21	\$9.98	\$ 21.25	\$20.13	2132	0 \$	- \$	19.42	\$25.11
2133	03/30/13	3	21	22	\$9.25	\$ 21.32	\$20.19	2133	0 \$	- \$	19.41	\$23.29
2134	03/30/13	3	22	21	\$8.11	\$ 21.25	\$20.19	2134	0 \$	- \$	19.40	\$20.41
2135	03/30/13	3	23	21	\$7.31	\$ 21.25	\$20.13	2135	0 \$	- \$	19.39	\$18.40
2136	03/30/13	3	24	20	\$6.06	\$ 21.22	\$20.10	2136	0 \$	- \$	19.39	\$15.25
2137	03/31/13	3	1	20	\$3.48	\$ 21.22	\$20.10	2137	0 \$	- \$	19.38	\$8.76
2138	03/31/13	3	2	19	\$2.99	\$ 21.20	\$20.10	2138	0 \$	- \$	19.37	\$7.53
2139	03/31/13	3	3	19	\$2.77	\$ 21.20	\$20.10	2139	0 \$	- \$	19.36	\$6.96
2140	03/31/13	3	4	19	\$2.59	\$ 21.20	\$20.09	2140	0 \$	- \$	19.35	\$6.52
2141	03/31/13	3	5	19	\$2.61	\$ 21.20	\$20.09	2141	0 \$	- \$	19.34	\$6.56
2142	03/31/13	3	6	20	\$2.54	\$ 21.22	\$20.10	2142	0 \$	- \$	19.33	\$6.39
2143	03/31/13	3	7	20	\$5.03	\$ 21.22	\$20.13	2143	0 \$	- \$	19.32	\$12.66
2144	03/31/13	3	8	21	\$6.16	\$ 21.25	\$20.13	2144	0 \$	- \$	19.31	\$15.50
2145	03/31/13	3	9	21	\$7.46	\$ 21.25	\$20.19	2145	0 \$	- \$	19.30	\$18.77
2146	03/31/13	3	10	21	\$7.60	\$ 21.25	\$20.13	2146	0 \$	- \$	19.29	\$19.13
2147	03/31/13	3	11	21	\$7.19	\$ 21.25	\$20.13	2147	0 \$	- \$	19.29	\$18.11
2148	03/31/13	3	12	21	\$6.92	\$ 21.25	\$20.13	2148	0 \$	- \$	19.28	\$17.41
2149	03/31/13	3	13	20	\$6.49	\$ 21.22	\$20.10	2149	0 \$	- \$	19.27	\$16.33
2150	03/31/13	3	14	20	\$5.93	\$ 21.22	\$20.10	2150	0 \$	- \$	19.26	\$14.93
2151	03/31/13	3	15	20	\$5.59	\$ 21.22	\$20.10	2151	0 \$	- \$	19.25	\$14.08
2152	03/31/13	3	16	20	\$5.52	\$ 21.22	\$20.10	2152	0 \$	- \$	19.24	\$13.90
2153	03/31/13	3	17	20	\$5.66	\$ 21.22	\$20.10	2153	0 \$	- \$	19.23	\$14.24
2154	03/31/13	3	18	20	\$6.09	\$ 21.22	\$20.10	2154	0 \$	- \$	19.22	\$15.32
2155	03/31/13	3	19	20	\$6.53	\$ 21.22	\$20.13	2155	0 \$	- \$	19.21	\$16.43
2156	03/31/13	3	20	22	\$7.79	\$ 21.32	\$20.19	2156	0 \$	- \$	19.21	\$19.62
2157	03/31/13	3	21	22	\$7.56	\$ 21.32	\$20.33	2157	0 \$	- \$	19.20	\$19.04
2158	03/31/13	3	22	22	\$6.11	\$ 21.32	\$20.19	2158	0 \$	- \$	19.19	\$15.37
2159	03/31/13	3	23	21	\$4.84	\$ 21.25	\$20.19	2159	0 \$	- \$	19.18	\$12.19
2160	03/31/13	3	24	21	\$2.29	\$ 21.25	\$20.13	2160	0 \$	- \$	19.17	\$5.77
2161	04/01/13	4	1	21	\$2.10	\$ 21.25	\$20.13	2161	0 \$	- \$	19.16	\$5.29
2162	04/01/13	4	2	21	\$2.81	\$ 21.25	\$20.13	2162	0 \$	- \$	19.15	\$7.08
2163	04/01/13	4	3	21	\$3.09	\$ 21.25	\$20.13	2163	0 \$	- \$	19.14	\$7.79
2164	04/01/13	4	4	21	\$4.18	\$ 21.25	\$20.19	2164	0 \$	- \$	19.13	\$10.53
2165	04/01/13	4	5	22	\$4.90	\$ 21.32	\$20.19	2165	0 \$	- \$	19.13	\$12.34
2166	04/01/13	4	6	23	\$6.92	\$ 21.48	\$20.33	2166	0 \$	- \$	19.12	\$17.42
2167	04/01/13	4	7	26	\$9.57	\$ 22.95	\$21.03	2167	0 \$	- \$	19.11	\$24.10
2168	04/01/13	4	8	27	\$13.00	\$ 24.09	\$22.90	2168	0 \$	- \$	19.10	\$32.72
2169	04/01/13	4	9	27	\$12.94	\$ 24.09	\$22.90	2169	0 \$	- \$	19.09	\$32.57
2170	04/01/13	4	10	27	\$13.30	\$ 24.09	\$22.90	2170	0 \$	- \$	19.08	\$33.48
2171	04/01/13	4	11	27	\$12.99	\$ 24.09	\$21.75	2171	0 \$	- \$	19.07	\$32.70
2172	04/01/13	4	12	27	\$12.33	\$ 24.09	\$21.75	2172	0 \$	- \$	19.06	\$31.03
2173	04/01/13	4	13	26	\$11.26	\$ 22.95	\$21.75	2173	0 \$	- \$	19.06	\$28.35
2174	04/01/13	4	14	26	\$10.75	\$ 22.95	\$21.75	2174	0 \$	- \$	19.05	\$27.07
2175	04/01/13	4	15	26	\$9.90	\$ 22.95	\$21.75	2175	0 \$	- \$	19.04	\$24.91
2176	04/01/13	4	16	25	\$9.71	\$ 22.23	\$21.03	2176	0 \$	- \$	19.03	\$24.44
2177	04/01/13	4	17	25	\$10.03	\$ 22.23	\$20.59	2177	0 \$	- \$	19.02	\$25.25
2178	04/01/13	4	18	25	\$10.54	\$ 22.23	\$20.59	2178	0 \$	- \$	19.01	\$26.54
2179	04/01/13	4	19	24	\$12.83	\$ 21.76	\$20.59	2179	0 \$	- \$	19.00	\$32.29
2180	04/01/13	4	20	25	\$15.43	\$ 22.23	\$21.03	2180	0 \$	- \$	18.99	\$38.83
2181	04/01/13	4	21	26	\$14.36	\$ 22.95	\$21.75	2181	0 \$	- \$	18.99	\$36.15
2182	04/01/13	4	22	26	\$12.88	\$ 22.95	\$21.75	2182	0 \$	- \$	18.98	\$32.41
2183	04/01/13	4	23	25	\$10.66	\$ 22.23	\$21.03	2183	0 \$	- \$	18.97	\$26.83
2184	04/01/13	4	24	24	\$9.72	\$ 21.76	\$20.59	2184	0 \$	- \$	18.96	\$24.46

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
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 Test Year Ending December 31, 2013
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Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2185	04/02/13	4	1	23	\$10.13	\$ 21.48	\$20.33	2185	0 \$	- \$	18.95	\$25.49
2186	04/02/13	4	2	23	\$9.88	\$ 21.48	\$20.33	2186	0 \$	- \$	18.94	\$24.87
2187	04/02/13	4	3	23	\$9.81	\$ 21.48	\$20.33	2187	0 \$	- \$	18.93	\$24.69
2188	04/02/13	4	4	22	\$10.10	\$ 21.32	\$20.19	2188	0 \$	- \$	18.92	\$25.42
2189	04/02/13	4	5	22	\$11.12	\$ 21.32	\$20.19	2189	0 \$	- \$	18.92	\$28.00
2190	04/02/13	4	6	24	\$14.52	\$ 21.76	\$20.33	2190	0 \$	- \$	18.91	\$36.55
2191	04/02/13	4	7	25	\$18.36	\$ 22.23	\$21.03	2191	0 \$	- \$	18.90	\$46.21
2192	04/02/13	4	8	26	\$20.11	\$ 22.95	\$21.75	2192	0 \$	- \$	18.89	\$50.62
2193	04/02/13	4	9	25	\$18.30	\$ 22.23	\$21.03	2193	0 \$	- \$	18.88	\$46.05
2194	04/02/13	4	10	25	\$16.56	\$ 22.23	\$20.59	2194	0 \$	- \$	18.87	\$41.68
2195	04/02/13	4	11	25	\$15.63	\$ 22.23	\$21.03	2195	0 \$	- \$	18.86	\$39.35
2196	04/02/13	4	12	25	\$14.53	\$ 22.23	\$20.59	2196	0 \$	- \$	18.86	\$36.58
2197	04/02/13	4	13	25	\$13.96	\$ 22.23	\$21.03	2197	0 \$	- \$	18.85	\$35.14
2198	04/02/13	4	14	26	\$13.64	\$ 22.95	\$21.03	2198	0 \$	- \$	18.84	\$34.34
2199	04/02/13	4	15	26	\$11.96	\$ 22.95	\$21.03	2199	0 \$	- \$	18.83	\$30.10
2200	04/02/13	4	16	25	\$11.35	\$ 22.23	\$21.03	2200	0 \$	- \$	18.82	\$28.58
2201	04/02/13	4	17	24	\$11.00	\$ 21.76	\$20.59	2201	0 \$	- \$	18.81	\$27.69
2202	04/02/13	4	18	24	\$11.11	\$ 21.76	\$20.59	2202	0 \$	- \$	18.80	\$27.97
2203	04/02/13	4	19	25	\$11.92	\$ 22.23	\$20.59	2203	0 \$	- \$	18.80	\$30.01
2204	04/02/13	4	20	25	\$16.93	\$ 22.23	\$21.03	2204	0 \$	- \$	18.79	\$42.62
2205	04/02/13	4	21	26	\$16.98	\$ 22.95	\$21.75	2205	0 \$	- \$	18.78	\$42.73
2206	04/02/13	4	22	25	\$13.24	\$ 22.23	\$21.03	2206	0 \$	- \$	18.77	\$33.32
2207	04/02/13	4	23	24	\$10.76	\$ 21.76	\$20.59	2207	0 \$	- \$	18.76	\$27.08
2208	04/02/13	4	24	23	\$9.78	\$ 21.48	\$20.33	2208	0 \$	- \$	18.75	\$24.62
2209	04/03/13	4	1	22	\$9.74	\$ 21.32	\$20.19	2209	0 \$	- \$	18.74	\$24.51
2210	04/03/13	4	2	22	\$9.31	\$ 21.32	\$20.19	2210	0 \$	- \$	18.74	\$23.43
2211	04/03/13	4	3	22	\$8.99	\$ 21.32	\$20.19	2211	0 \$	- \$	18.73	\$22.64
2212	04/03/13	4	4	22	\$8.99	\$ 21.32	\$20.19	2212	0 \$	- \$	18.72	\$22.62
2213	04/03/13	4	5	23	\$9.27	\$ 21.48	\$20.33	2213	0 \$	- \$	18.71	\$23.34
2214	04/03/13	4	6	24	\$12.16	\$ 21.76	\$20.59	2214	0 \$	- \$	18.70	\$30.61
2215	04/03/13	4	7	26	\$16.21	\$ 22.95	\$21.75	2215	0 \$	- \$	18.69	\$40.81
2216	04/03/13	4	8	27	\$15.66	\$ 24.09	\$22.90	2216	0 \$	- \$	18.69	\$39.42
2217	04/03/13	4	9	27	\$13.87	\$ 24.09	\$22.90	2217	0 \$	- \$	18.68	\$34.91
2218	04/03/13	4	10	26	\$13.76	\$ 22.95	\$21.75	2218	0 \$	- \$	18.67	\$34.64
2219	04/03/13	4	11	27	\$12.06	\$ 24.09	\$21.75	2219	0 \$	- \$	18.66	\$30.35
2220	04/03/13	4	12	26	\$10.63	\$ 22.95	\$21.75	2220	0 \$	- \$	18.65	\$26.75
2221	04/03/13	4	13	25	\$8.84	\$ 22.23	\$21.03	2221	0 \$	- \$	18.64	\$22.25
2222	04/03/13	4	14	24	\$7.75	\$ 21.76	\$20.59	2222	0 \$	- \$	18.63	\$19.50
2223	04/03/13	4	15	24	\$6.90	\$ 21.76	\$20.33	2223	0 \$	- \$	18.63	\$17.37
2224	04/03/13	4	16	24	\$6.45	\$ 21.76	\$20.33	2224	0 \$	- \$	18.62	\$16.23
2225	04/03/13	4	17	23	\$6.17	\$ 21.48	\$20.33	2225	0 \$	- \$	18.61	\$15.54
2226	04/03/13	4	18	23	\$5.91	\$ 21.48	\$20.33	2226	0 \$	- \$	18.60	\$14.87
2227	04/03/13	4	19	24	\$6.22	\$ 21.76	\$20.59	2227	0 \$	- \$	18.59	\$15.65
2228	04/03/13	4	20	24	\$9.29	\$ 21.76	\$20.59	2228	0 \$	- \$	18.58	\$23.39
2229	04/03/13	4	21	25	\$9.50	\$ 22.23	\$21.03	2229	0 \$	- \$	18.58	\$23.90
2230	04/03/13	4	22	25	\$6.02	\$ 22.23	\$21.03	2230	0 \$	- \$	18.57	\$15.16
2231	04/03/13	4	23	24	\$4.28	\$ 21.76	\$20.59	2231	0 \$	- \$	18.56	\$10.77
2232	04/03/13	4	24	23	\$2.53	\$ 21.48	\$20.33	2232	0 \$	- \$	18.55	\$6.37
2233	04/04/13	4	1	22	\$0.78	\$ 21.32	\$20.19	2233	0 \$	- \$	18.54	\$1.97
2234	04/04/13	4	2	22	\$0.04	\$ 21.32	\$20.19	2234	0 \$	- \$	18.53	\$0.09
2235	04/04/13	4	3	22	\$0.89	\$ 21.32	\$20.19	2235	0 \$	- \$	18.53	\$2.24
2236	04/04/13	4	4	22	\$2.06	\$ 21.32	\$20.19	2236	0 \$	- \$	18.52	\$5.18
2237	04/04/13	4	5	23	\$3.38	\$ 21.48	\$20.33	2237	0 \$	- \$	18.51	\$8.50
2238	04/04/13	4	6	24	\$6.37	\$ 21.76	\$20.59	2238	0 \$	- \$	18.50	\$16.03
2239	04/04/13	4	7	26	\$9.78	\$ 22.95	\$21.03	2239	0 \$	- \$	18.49	\$24.61
2240	04/04/13	4	8	26	\$15.17	\$ 22.95	\$21.75	2240	0 \$	- \$	18.49	\$38.19

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2241	04/04/13	4	9	27	\$13.61	\$ 24.09	\$21.75	2241	0 \$	- \$	18.48	\$34.25
2242	04/04/13	4	10	26	\$13.08	\$ 22.95	\$21.75	2242	0 \$	- \$	18.47	\$32.92
2243	04/04/13	4	11	26	\$12.56	\$ 22.95	\$21.75	2243	0 \$	- \$	18.46	\$31.61
2244	04/04/13	4	12	25	\$11.61	\$ 22.23	\$21.03	2244	0 \$	- \$	18.45	\$29.22
2245	04/04/13	4	13	25	\$11.12	\$ 22.23	\$21.03	2245	0 \$	- \$	18.44	\$27.98
2246	04/04/13	4	14	25	\$10.23	\$ 22.23	\$21.03	2246	0 \$	- \$	18.44	\$25.76
2247	04/04/13	4	15	25	\$9.39	\$ 22.23	\$21.03	2247	0 \$	- \$	18.43	\$23.64
2248	04/04/13	4	16	25	\$9.04	\$ 22.23	\$21.03	2248	0 \$	- \$	18.42	\$22.75
2249	04/04/13	4	17	24	\$9.00	\$ 21.76	\$21.03	2249	0 \$	- \$	18.41	\$22.65
2250	04/04/13	4	18	24	\$9.38	\$ 21.76	\$20.59	2250	0 \$	- \$	18.40	\$23.61
2251	04/04/13	4	19	24	\$10.10	\$ 21.76	\$20.59	2251	0 \$	- \$	18.39	\$25.41
2252	04/04/13	4	20	24	\$15.06	\$ 21.76	\$20.59	2252	0 \$	- \$	18.39	\$37.91
2253	04/04/13	4	21	25	\$13.89	\$ 22.23	\$20.59	2253	0 \$	- \$	18.38	\$34.96
2254	04/04/13	4	22	24	\$9.82	\$ 21.76	\$20.59	2254	0 \$	- \$	18.37	\$24.73
2255	04/04/13	4	23	23	\$8.52	\$ 21.48	\$20.33	2255	0 \$	- \$	18.36	\$21.44
2256	04/04/13	4	24	22	\$8.08	\$ 21.32	\$20.19	2256	0 \$	- \$	18.35	\$20.33
2257	04/05/13	4	1	21	\$7.91	\$ 21.25	\$20.13	2257	0 \$	- \$	18.35	\$19.91
2258	04/05/13	4	2	21	\$7.66	\$ 21.25	\$20.13	2258	0 \$	- \$	18.34	\$19.29
2259	04/05/13	4	3	21	\$7.70	\$ 21.25	\$20.13	2259	0 \$	- \$	18.33	\$19.39
2260	04/05/13	4	4	22	\$7.66	\$ 21.32	\$20.13	2260	0 \$	- \$	18.32	\$19.28
2261	04/05/13	4	5	22	\$8.04	\$ 21.32	\$20.19	2261	0 \$	- \$	18.31	\$20.23
2262	04/05/13	4	6	22	\$10.98	\$ 21.32	\$20.19	2262	0 \$	- \$	18.31	\$27.63
2263	04/05/13	4	7	24	\$14.74	\$ 21.76	\$20.59	2263	0 \$	- \$	18.30	\$37.09
2264	04/05/13	4	8	24	\$16.69	\$ 21.76	\$20.59	2264	0 \$	- \$	18.29	\$42.00
2265	04/05/13	4	9	25	\$13.60	\$ 22.23	\$20.59	2265	0 \$	- \$	18.28	\$34.24
2266	04/05/13	4	10	24	\$11.27	\$ 21.76	\$20.59	2266	0 \$	- \$	18.27	\$28.37
2267	04/05/13	4	11	25	\$10.60	\$ 22.23	\$21.03	2267	0 \$	- \$	18.26	\$26.67
2268	04/05/13	4	12	25	\$10.09	\$ 22.23	\$21.03	2268	0 \$	- \$	18.26	\$25.39
2269	04/05/13	4	13	25	\$9.29	\$ 22.23	\$21.03	2269	0 \$	- \$	18.25	\$23.38
2270	04/05/13	4	14	25	\$8.12	\$ 22.23	\$21.03	2270	0 \$	- \$	18.24	\$20.44
2271	04/05/13	4	15	25	\$6.73	\$ 22.23	\$21.03	2271	0 \$	- \$	18.23	\$16.95
2272	04/05/13	4	16	25	\$5.57	\$ 22.23	\$21.03	2272	0 \$	- \$	18.22	\$14.02
2273	04/05/13	4	17	25	\$4.99	\$ 22.23	\$21.03	2273	0 \$	- \$	18.22	\$12.57
2274	04/05/13	4	18	24	\$4.94	\$ 21.76	\$20.59	2274	0 \$	- \$	18.21	\$12.44
2275	04/05/13	4	19	24	\$5.58	\$ 21.76	\$20.59	2275	0 \$	- \$	18.20	\$14.04
2276	04/05/13	4	20	24	\$10.15	\$ 21.76	\$20.59	2276	0 \$	- \$	18.19	\$25.54
2277	04/05/13	4	21	25	\$9.10	\$ 22.23	\$21.03	2277	0 \$	- \$	18.18	\$22.91
2278	04/05/13	4	22	24	\$5.90	\$ 21.76	\$20.59	2278	0 \$	- \$	18.18	\$14.84
2279	04/05/13	4	23	23	\$5.00	\$ 21.48	\$20.33	2279	0 \$	- \$	18.17	\$12.59
2280	04/05/13	4	24	22	\$2.74	\$ 21.32	\$20.19	2280	0 \$	- \$	18.16	\$6.90
2281	04/06/13	4	1	22	\$2.23	\$ 21.32	\$20.19	2281	0 \$	- \$	18.15	\$5.62
2282	04/06/13	4	2	21	\$1.71	\$ 21.25	\$20.19	2282	0 \$	- \$	18.14	\$4.31
2283	04/06/13	4	3	21	\$1.76	\$ 21.25	\$20.13	2283	0 \$	- \$	18.14	\$4.43
2284	04/06/13	4	4	21	\$2.17	\$ 21.25	\$20.13	2284	0 \$	- \$	18.13	\$5.45
2285	04/06/13	4	5	21	\$2.45	\$ 21.25	\$20.13	2285	0 \$	- \$	18.12	\$6.16
2286	04/06/13	4	6	22	\$2.67	\$ 21.32	\$20.19	2286	0 \$	- \$	18.11	\$6.72
2287	04/06/13	4	7	22	\$4.34	\$ 21.32	\$20.19	2287	0 \$	- \$	18.11	\$10.92
2288	04/06/13	4	8	22	\$6.77	\$ 21.32	\$20.19	2288	0 \$	- \$	18.10	\$17.03
2289	04/06/13	4	9	23	\$7.59	\$ 21.48	\$20.33	2289	0 \$	- \$	18.09	\$19.10
2290	04/06/13	4	10	23	\$7.64	\$ 21.48	\$20.33	2290	0 \$	- \$	18.08	\$19.23
2291	04/06/13	4	11	23	\$7.60	\$ 21.48	\$20.33	2291	0 \$	- \$	18.07	\$19.13
2292	04/06/13	4	12	23	\$6.97	\$ 21.48	\$20.19	2292	0 \$	- \$	18.07	\$17.54
2293	04/06/13	4	13	23	\$6.16	\$ 21.48	\$20.33	2293	0 \$	- \$	18.06	\$15.51
2294	04/06/13	4	14	23	\$5.22	\$ 21.48	\$20.33	2294	0 \$	- \$	18.05	\$13.14
2295	04/06/13	4	15	22	\$5.03	\$ 21.32	\$20.33	2295	0 \$	- \$	18.04	\$12.67
2296	04/06/13	4	16	22	\$4.93	\$ 21.32	\$20.19	2296	0 \$	- \$	18.03	\$12.42

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2297	04/06/13	4	17	22	\$5.33	\$ 21.32	\$20.33	2297	0 \$	- \$	18.03	\$13.41
2298	04/06/13	4	18	22	\$6.36	\$ 21.32	\$20.19	2298	0 \$	- \$	18.02	\$16.02
2299	04/06/13	4	19	22	\$7.02	\$ 21.32	\$20.33	2299	0 \$	- \$	18.01	\$17.67
2300	04/06/13	4	20	22	\$10.69	\$ 21.32	\$20.33	2300	0 \$	- \$	18.00	\$26.90
2301	04/06/13	4	21	23	\$10.52	\$ 21.48	\$20.33	2301	0 \$	- \$	18.00	\$26.48
2302	04/06/13	4	22	22	\$9.00	\$ 21.32	\$20.33	2302	0 \$	- \$	17.99	\$22.66
2303	04/06/13	4	23	21	\$8.30	\$ 21.25	\$20.19	2303	0 \$	- \$	17.98	\$20.89
2304	04/06/13	4	24	20	\$7.97	\$ 21.22	\$20.10	2304	0 \$	- \$	17.97	\$20.05
2305	04/07/13	4	1	19	\$7.66	\$ 21.20	\$20.10	2305	0 \$	- \$	17.96	\$19.28
2306	04/07/13	4	2	19	\$8.46	\$ 21.20	\$20.09	2306	0 \$	- \$	17.96	\$21.30
2307	04/07/13	4	3	19	\$8.39	\$ 21.20	\$20.09	2307	0 \$	- \$	17.95	\$21.13
2308	04/07/13	4	4	19	\$8.65	\$ 21.20	\$20.09	2308	0 \$	- \$	17.94	\$21.77
2309	04/07/13	4	5	19	\$8.66	\$ 21.20	\$20.10	2309	0 \$	- \$	17.93	\$21.80
2310	04/07/13	4	6	20	\$8.91	\$ 21.22	\$20.10	2310	0 \$	- \$	17.92	\$22.43
2311	04/07/13	4	7	20	\$9.19	\$ 21.22	\$20.10	2311	0 \$	- \$	17.92	\$23.14
2312	04/07/13	4	8	21	\$10.17	\$ 21.25	\$20.13	2312	0 \$	- \$	17.91	\$25.60
2313	04/07/13	4	9	21	\$12.32	\$ 21.25	\$20.13	2313	0 \$	- \$	17.90	\$31.01
2314	04/07/13	4	10	21	\$12.51	\$ 21.25	\$20.13	2314	0 \$	- \$	17.89	\$31.49
2315	04/07/13	4	11	21	\$12.02	\$ 21.25	\$20.13	2315	0 \$	- \$	17.89	\$30.26
2316	04/07/13	4	12	21	\$11.44	\$ 21.25	\$20.13	2316	0 \$	- \$	17.88	\$28.80
2317	04/07/13	4	13	21	\$9.97	\$ 21.25	\$20.13	2317	0 \$	- \$	17.87	\$25.09
2318	04/07/13	4	14	21	\$9.56	\$ 21.25	\$20.13	2318	0 \$	- \$	17.86	\$24.07
2319	04/07/13	4	15	20	\$9.36	\$ 21.22	\$20.13	2319	0 \$	- \$	17.86	\$23.55
2320	04/07/13	4	16	21	\$8.92	\$ 21.25	\$20.13	2320	0 \$	- \$	17.85	\$22.46
2321	04/07/13	4	17	21	\$9.04	\$ 21.25	\$20.13	2321	0 \$	- \$	17.84	\$22.75
2322	04/07/13	4	18	21	\$9.13	\$ 21.25	\$20.13	2322	0 \$	- \$	17.83	\$22.98
2323	04/07/13	4	19	21	\$9.42	\$ 21.25	\$20.13	2323	0 \$	- \$	17.82	\$23.72
2324	04/07/13	4	20	22	\$12.42	\$ 21.32	\$20.19	2324	0 \$	- \$	17.82	\$31.26
2325	04/07/13	4	21	22	\$11.97	\$ 21.32	\$20.19	2325	0 \$	- \$	17.81	\$30.12
2326	04/07/13	4	22	22	\$8.32	\$ 21.32	\$20.19	2326	0 \$	- \$	17.80	\$20.93
2327	04/07/13	4	23	21	\$7.34	\$ 21.25	\$20.13	2327	0 \$	- \$	17.79	\$18.48
2328	04/07/13	4	24	20	\$6.64	\$ 21.22	\$20.10	2328	0 \$	- \$	17.79	\$16.72
2329	04/08/13	4	1	20	\$7.01	\$ 21.22	\$20.09	2329	0 \$	- \$	17.78	\$17.65
2330	04/08/13	4	2	19	\$6.93	\$ 21.20	\$20.09	2330	0 \$	- \$	17.77	\$17.45
2331	04/08/13	4	3	19	\$6.87	\$ 21.20	\$20.09	2331	0 \$	- \$	17.76	\$17.29
2332	04/08/13	4	4	19	\$6.98	\$ 21.20	\$20.09	2332	0 \$	- \$	17.76	\$17.57
2333	04/08/13	4	5	20	\$7.28	\$ 21.22	\$20.10	2333	0 \$	- \$	17.75	\$18.33
2334	04/08/13	4	6	21	\$7.84	\$ 21.25	\$20.13	2334	0 \$	- \$	17.74	\$19.73
2335	04/08/13	4	7	23	\$12.74	\$ 21.48	\$20.33	2335	0 \$	- \$	17.73	\$32.08
2336	04/08/13	4	8	24	\$15.40	\$ 21.76	\$20.59	2336	0 \$	- \$	17.73	\$38.76
2337	04/08/13	4	9	25	\$15.95	\$ 22.23	\$21.03	2337	0 \$	- \$	17.72	\$40.15
2338	04/08/13	4	10	25	\$16.09	\$ 22.23	\$20.59	2338	0 \$	- \$	17.71	\$40.51
2339	04/08/13	4	11	25	\$15.73	\$ 22.23	\$21.03	2339	0 \$	- \$	17.70	\$39.59
2340	04/08/13	4	12	25	\$15.17	\$ 22.23	\$21.03	2340	0 \$	- \$	17.70	\$38.19
2341	04/08/13	4	13	25	\$15.41	\$ 22.23	\$21.03	2341	0 \$	- \$	17.69	\$38.78
2342	04/08/13	4	14	26	\$14.48	\$ 22.95	\$21.03	2342	0 \$	- \$	17.68	\$36.45
2343	04/08/13	4	15	25	\$14.42	\$ 22.23	\$21.03	2343	0 \$	- \$	17.67	\$36.29
2344	04/08/13	4	16	25	\$12.78	\$ 22.23	\$21.03	2344	0 \$	- \$	17.66	\$32.17
2345	04/08/13	4	17	25	\$13.02	\$ 22.23	\$21.03	2345	0 \$	- \$	17.66	\$32.78
2346	04/08/13	4	18	24	\$11.47	\$ 21.76	\$20.59	2346	0 \$	- \$	17.65	\$28.86
2347	04/08/13	4	19	24	\$11.75	\$ 21.76	\$20.59	2347	0 \$	- \$	17.64	\$29.57
2348	04/08/13	4	20	25	\$14.36	\$ 22.23	\$21.03	2348	0 \$	- \$	17.63	\$36.15
2349	04/08/13	4	21	25	\$13.25	\$ 22.23	\$21.03	2349	0 \$	- \$	17.63	\$33.34
2350	04/08/13	4	22	24	\$9.11	\$ 21.76	\$20.59	2350	0 \$	- \$	17.62	\$22.93
2351	04/08/13	4	23	23	\$6.71	\$ 21.48	\$20.33	2351	0 \$	- \$	17.61	\$16.88
2352	04/08/13	4	24	22	\$6.37	\$ 21.32	\$20.19	2352	0 \$	- \$	17.60	\$16.04

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2353	04/09/13	4	1	21	\$3.03	\$ 21.25	\$20.13	2353	0 \$	- \$	17.60	\$7.63
2354	04/09/13	4	2	21	\$2.63	\$ 21.25	\$20.10	2354	0 \$	- \$	17.59	\$6.63
2355	04/09/13	4	3	20	\$2.44	\$ 21.22	\$20.10	2355	0 \$	- \$	17.58	\$6.15
2356	04/09/13	4	4	20	\$2.51	\$ 21.22	\$20.09	2356	0 \$	- \$	17.57	\$6.32
2357	04/09/13	4	5	19	\$2.64	\$ 21.20	\$20.09	2357	0 \$	- \$	17.57	\$6.64
2358	04/09/13	4	6	20	\$4.08	\$ 21.22	\$20.10	2358	0 \$	- \$	17.56	\$10.27
2359	04/09/13	4	7	22	\$7.70	\$ 21.32	\$20.19	2359	0 \$	- \$	17.55	\$19.37
2360	04/09/13	4	8	23	\$9.28	\$ 21.48	\$20.33	2360	0 \$	- \$	17.55	\$23.37
2361	04/09/13	4	9	23	\$8.66	\$ 21.48	\$20.33	2361	0 \$	- \$	17.54	\$21.80
2362	04/09/13	4	10	22	\$8.89	\$ 21.32	\$20.19	2362	0 \$	- \$	17.53	\$22.38
2363	04/09/13	4	11	23	\$8.51	\$ 21.48	\$20.33	2363	0 \$	- \$	17.52	\$21.42
2364	04/09/13	4	12	23	\$7.53	\$ 21.48	\$20.33	2364	0 \$	- \$	17.52	\$18.96
2365	04/09/13	4	13	24	\$7.25	\$ 21.76	\$20.33	2365	0 \$	- \$	17.51	\$18.25
2366	04/09/13	4	14	24	\$6.80	\$ 21.76	\$20.59	2366	0 \$	- \$	17.50	\$17.12
2367	04/09/13	4	15	25	\$6.56	\$ 22.23	\$20.59	2367	0 \$	- \$	17.49	\$16.50
2368	04/09/13	4	16	22	\$5.23	\$ 21.32	\$20.19	2368	0 \$	- \$	17.49	\$13.17
2369	04/09/13	4	17	19	\$6.19	\$ 21.20	\$20.09	2369	0 \$	- \$	17.48	\$15.59
2370	04/09/13	4	18	19	\$5.81	\$ 21.20	\$20.09	2370	0 \$	- \$	17.47	\$14.63
2371	04/09/13	4	19	21	\$5.50	\$ 21.25	\$20.13	2371	0 \$	- \$	17.46	\$13.85
2372	04/09/13	4	20	23	\$8.13	\$ 21.48	\$20.33	2372	0 \$	- \$	17.46	\$20.46
2373	04/09/13	4	21	23	\$8.51	\$ 21.48	\$20.33	2373	0 \$	- \$	17.45	\$21.42
2374	04/09/13	4	22	21	\$5.34	\$ 21.25	\$20.19	2374	0 \$	- \$	17.44	\$13.45
2375	04/09/13	4	23	20	\$4.27	\$ 21.22	\$20.10	2375	0 \$	- \$	17.43	\$10.74
2376	04/09/13	4	24	19	\$2.32	\$ 21.20	\$20.09	2376	0 \$	- \$	17.43	\$5.84
2377	04/10/13	4	1	19	\$3.26	\$ 21.20	\$20.09	2377	0 \$	- \$	17.42	\$8.20
2378	04/10/13	4	2	19	\$2.71	\$ 21.20	\$20.09	2378	0 \$	- \$	17.41	\$6.83
2379	04/10/13	4	3	20	\$2.88	\$ 21.22	\$20.10	2379	0 \$	- \$	17.41	\$7.24
2380	04/10/13	4	4	20	\$3.86	\$ 21.22	\$20.10	2380	0 \$	- \$	17.40	\$9.71
2381	04/10/13	4	5	22	\$4.50	\$ 21.32	\$20.19	2381	0 \$	- \$	17.39	\$11.33
2382	04/10/13	4	6	23	\$5.89	\$ 21.48	\$20.33	2382	0 \$	- \$	17.38	\$14.82
2383	04/10/13	4	7	25	\$9.28	\$ 22.23	\$21.03	2383	0 \$	- \$	17.38	\$23.36
2384	04/10/13	4	8	25	\$10.12	\$ 22.23	\$21.03	2384	0 \$	- \$	17.37	\$25.48
2385	04/10/13	4	9	26	\$10.39	\$ 22.95	\$21.75	2385	0 \$	- \$	17.36	\$26.15
2386	04/10/13	4	10	26	\$10.51	\$ 22.95	\$21.75	2386	0 \$	- \$	17.35	\$26.46
2387	04/10/13	4	11	26	\$10.19	\$ 22.95	\$21.75	2387	0 \$	- \$	17.35	\$25.65
2388	04/10/13	4	12	26	\$9.56	\$ 22.95	\$21.75	2388	0 \$	- \$	17.34	\$24.06
2389	04/10/13	4	13	26	\$9.04	\$ 22.95	\$21.75	2389	0 \$	- \$	17.33	\$22.75
2390	04/10/13	4	14	26	\$9.21	\$ 22.95	\$21.75	2390	0 \$	- \$	17.32	\$23.18
2391	04/10/13	4	15	25	\$8.03	\$ 22.23	\$21.03	2391	0 \$	- \$	17.32	\$20.21
2392	04/10/13	4	16	24	\$7.41	\$ 21.76	\$20.59	2392	0 \$	- \$	17.31	\$18.64
2393	04/10/13	4	17	24	\$7.34	\$ 21.76	\$20.59	2393	0 \$	- \$	17.30	\$18.48
2394	04/10/13	4	18	24	\$7.57	\$ 21.76	\$20.59	2394	0 \$	- \$	17.30	\$19.06
2395	04/10/13	4	19	24	\$7.60	\$ 21.76	\$20.59	2395	0 \$	- \$	17.29	\$19.13
2396	04/10/13	4	20	25	\$10.31	\$ 22.23	\$21.03	2396	0 \$	- \$	17.28	\$25.94
2397	04/10/13	4	21	26	\$10.62	\$ 22.95	\$21.75	2397	0 \$	- \$	17.27	\$26.73
2398	04/10/13	4	22	25	\$7.88	\$ 22.23	\$21.03	2398	0 \$	- \$	17.27	\$19.83
2399	04/10/13	4	23	25	\$5.90	\$ 22.23	\$21.03	2399	0 \$	- \$	17.26	\$14.86
2400	04/10/13	4	24	23	\$5.45	\$ 21.48	\$20.33	2400	0 \$	- \$	17.25	\$13.73
2401	04/11/13	4	1	22	\$6.99	\$ 21.32	\$20.33	2401	0 \$	- \$	17.25	\$17.60
2402	04/11/13	4	2	22	\$6.80	\$ 21.32	\$20.19	2402	0 \$	- \$	17.24	\$17.11
2403	04/11/13	4	3	22	\$7.04	\$ 21.32	\$20.19	2403	0 \$	- \$	17.23	\$17.71
2404	04/11/13	4	4	22	\$7.11	\$ 21.32	\$20.19	2404	0 \$	- \$	17.22	\$17.90
2405	04/11/13	4	5	19	\$7.25	\$ 21.20	\$20.09	2405	0 \$	- \$	17.22	\$18.25
2406	04/11/13	4	6	19	\$10.96	\$ 21.20	\$20.09	2406	0 \$	- \$	17.21	\$27.58
2407	04/11/13	4	7	23	\$13.79	\$ 21.48	\$20.33	2407	0 \$	- \$	17.20	\$34.71
2408	04/11/13	4	8	24	\$19.56	\$ 21.76	\$20.33	2408	0 \$	- \$	17.20	\$49.24

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2409	04/11/13	4	9	25	\$18.10	\$ 22.23	\$20.59	2409	0 \$	- \$	17.19	\$45.57
2410	04/11/13	4	10	25	\$18.60	\$ 22.23	\$20.59	2410	0 \$	- \$	17.18	\$46.81
2411	04/11/13	4	11	25	\$17.66	\$ 22.23	\$21.03	2411	0 \$	- \$	17.17	\$44.45
2412	04/11/13	4	12	24	\$16.29	\$ 21.76	\$20.59	2412	0 \$	- \$	17.17	\$41.00
2413	04/11/13	4	13	24	\$14.81	\$ 21.76	\$20.59	2413	0 \$	- \$	17.16	\$37.28
2414	04/11/13	4	14	24	\$11.62	\$ 21.76	\$20.59	2414	0 \$	- \$	17.15	\$29.25
2415	04/11/13	4	15	25	\$11.36	\$ 22.23	\$20.59	2415	0 \$	- \$	17.15	\$28.60
2416	04/11/13	4	16	25	\$10.46	\$ 22.23	\$21.03	2416	0 \$	- \$	17.14	\$26.33
2417	04/11/13	4	17	25	\$10.87	\$ 22.23	\$21.03	2417	0 \$	- \$	17.13	\$27.37
2418	04/11/13	4	18	25	\$10.77	\$ 22.23	\$21.03	2418	0 \$	- \$	17.12	\$27.12
2419	04/11/13	4	19	25	\$10.45	\$ 22.23	\$21.03	2419	0 \$	- \$	17.12	\$26.30
2420	04/11/13	4	20	26	\$12.91	\$ 22.95	\$21.03	2420	0 \$	- \$	17.11	\$32.49
2421	04/11/13	4	21	26	\$12.94	\$ 22.95	\$21.75	2421	0 \$	- \$	17.10	\$32.56
2422	04/11/13	4	22	26	\$10.51	\$ 22.95	\$21.75	2422	0 \$	- \$	17.10	\$26.45
2423	04/11/13	4	23	25	\$8.29	\$ 22.23	\$21.03	2423	0 \$	- \$	17.09	\$20.87
2424	04/11/13	4	24	24	\$8.09	\$ 21.76	\$20.59	2424	0 \$	- \$	17.08	\$20.36
2425	04/12/13	4	1	23	\$8.52	\$ 21.48	\$20.33	2425	0 \$	- \$	17.07	\$21.44
2426	04/12/13	4	2	22	\$8.44	\$ 21.32	\$20.19	2426	0 \$	- \$	17.07	\$21.25
2427	04/12/13	4	3	22	\$7.95	\$ 21.32	\$20.19	2427	0 \$	- \$	17.06	\$20.01
2428	04/12/13	4	4	22	\$7.62	\$ 21.32	\$20.19	2428	0 \$	- \$	17.05	\$19.17
2429	04/12/13	4	5	23	\$7.51	\$ 21.48	\$20.33	2429	0 \$	- \$	17.05	\$18.91
2430	04/12/13	4	6	24	\$9.79	\$ 21.76	\$20.59	2430	0 \$	- \$	17.04	\$24.63
2431	04/12/13	4	7	25	\$15.62	\$ 22.23	\$21.03	2431	0 \$	- \$	17.03	\$39.32
2432	04/12/13	4	8	26	\$16.91	\$ 22.95	\$21.75	2432	0 \$	- \$	17.03	\$42.57
2433	04/12/13	4	9	26	\$25.20	\$ 22.95	\$21.75	2433	0 \$	- \$	17.02	\$63.43
2434	04/12/13	4	10	25	\$23.12	\$ 22.23	\$21.03	2434	0 \$	- \$	17.01	\$58.20
2435	04/12/13	4	11	25	\$28.08	\$ 22.23	\$21.03	2435	0 \$	- \$	17.00	\$70.67
2436	04/12/13	4	12	25	\$22.95	\$ 22.23	\$21.03	2436	0 \$	- \$	17.00	\$57.76
2437	04/12/13	4	13	25	\$19.44	\$ 22.23	\$20.59	2437	0 \$	- \$	16.99	\$48.93
2438	04/12/13	4	14	24	\$15.51	\$ 21.76	\$20.59	2438	0 \$	- \$	16.98	\$39.03
2439	04/12/13	4	15	25	\$10.37	\$ 22.23	\$21.03	2439	0 \$	- \$	16.98	\$26.10
2440	04/12/13	4	16	25	\$8.58	\$ 22.23	\$21.03	2440	0 \$	- \$	16.97	\$21.60
2441	04/12/13	4	17	25	\$9.77	\$ 22.23	\$21.03	2441	0 \$	- \$	16.96	\$24.60
2442	04/12/13	4	18	25	\$10.10	\$ 22.23	\$21.03	2442	0 \$	- \$	16.96	\$25.41
2443	04/12/13	4	19	25	\$9.20	\$ 22.23	\$21.03	2443	0 \$	- \$	16.95	\$23.16
2444	04/12/13	4	20	25	\$16.60	\$ 22.23	\$21.03	2444	0 \$	- \$	16.94	\$41.79
2445	04/12/13	4	21	26	\$14.02	\$ 22.95	\$21.75	2445	0 \$	- \$	16.94	\$35.28
2446	04/12/13	4	22	25	\$11.76	\$ 22.23	\$21.03	2446	0 \$	- \$	16.93	\$29.61
2447	04/12/13	4	23	24	\$9.07	\$ 21.76	\$20.59	2447	0 \$	- \$	16.92	\$22.84
2448	04/12/13	4	24	23	\$8.82	\$ 21.48	\$20.33	2448	0 \$	- \$	16.91	\$22.19
2449	04/13/13	4	1	23	\$7.94	\$ 21.48	\$20.33	2449	0 \$	- \$	16.91	\$19.98
2450	04/13/13	4	2	22	\$7.68	\$ 21.32	\$20.19	2450	0 \$	- \$	16.90	\$19.33
2451	04/13/13	4	3	22	\$7.68	\$ 21.32	\$20.19	2451	0 \$	- \$	16.89	\$19.32
2452	04/13/13	4	4	22	\$7.86	\$ 21.32	\$20.19	2452	0 \$	- \$	16.89	\$19.79
2453	04/13/13	4	5	22	\$7.96	\$ 21.32	\$20.19	2453	0 \$	- \$	16.88	\$20.03
2454	04/13/13	4	6	23	\$8.13	\$ 21.48	\$20.33	2454	0 \$	- \$	16.87	\$20.46
2455	04/13/13	4	7	23	\$10.39	\$ 21.48	\$20.33	2455	0 \$	- \$	16.87	\$26.16
2456	04/13/13	4	8	23	\$14.38	\$ 21.48	\$20.33	2456	0 \$	- \$	16.86	\$36.19
2457	04/13/13	4	9	24	\$16.36	\$ 21.76	\$20.59	2457	0 \$	- \$	16.85	\$41.17
2458	04/13/13	4	10	24	\$20.97	\$ 21.76	\$20.59	2458	0 \$	- \$	16.85	\$52.79
2459	04/13/13	4	11	23	\$21.01	\$ 21.48	\$20.33	2459	0 \$	- \$	16.84	\$52.88
2460	04/13/13	4	12	23	\$20.94	\$ 21.48	\$20.33	2460	0 \$	- \$	16.83	\$52.70
2461	04/13/13	4	13	23	\$17.63	\$ 21.48	\$20.33	2461	0 \$	- \$	16.83	\$44.38
2462	04/13/13	4	14	22	\$15.74	\$ 21.32	\$20.19	2462	0 \$	- \$	16.82	\$39.63
2463	04/13/13	4	15	22	\$14.42	\$ 21.32	\$20.19	2463	0 \$	- \$	16.81	\$36.30
2464	04/13/13	4	16	22	\$14.07	\$ 21.32	\$20.19	2464	0 \$	- \$	16.80	\$35.42

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2465	04/13/13	4	17	22	\$12.45	\$ 21.32	\$20.19	2465	0 \$	- \$	16.80	\$31.34
2466	04/13/13	4	18	22	\$12.79	\$ 21.32	\$20.19	2466	0 \$	- \$	16.79	\$32.19
2467	04/13/13	4	19	22	\$10.77	\$ 21.32	\$20.19	2467	0 \$	- \$	16.78	\$27.11
2468	04/13/13	4	20	22	\$13.56	\$ 21.32	\$20.19	2468	0 \$	- \$	16.78	\$34.13
2469	04/13/13	4	21	23	\$13.41	\$ 21.48	\$20.33	2469	0 \$	- \$	16.77	\$33.75
2470	04/13/13	4	22	22	\$9.69	\$ 21.32	\$20.19	2470	0 \$	- \$	16.76	\$24.39
2471	04/13/13	4	23	21	\$7.25	\$ 21.25	\$20.19	2471	0 \$	- \$	16.76	\$18.24
2472	04/13/13	4	24	20	\$5.22	\$ 21.22	\$20.10	2472	0 \$	- \$	16.75	\$13.14
2473	04/14/13	4	1	19	\$4.40	\$ 21.20	\$20.09	2473	0 \$	- \$	16.74	\$11.08
2474	04/14/13	4	2	18	\$3.68	\$ 21.20	\$20.09	2474	0 \$	- \$	16.74	\$9.26
2475	04/14/13	4	3	18	\$2.94	\$ 21.20	\$20.09	2475	0 \$	- \$	16.73	\$7.41
2476	04/14/13	4	4	19	\$2.60	\$ 21.20	\$20.09	2476	0 \$	- \$	16.72	\$6.55
2477	04/14/13	4	5	20	\$2.54	\$ 21.22	\$20.10	2477	0 \$	- \$	16.72	\$6.40
2478	04/14/13	4	6	19	\$2.43	\$ 21.20	\$20.09	2478	0 \$	- \$	16.71	\$6.11
2479	04/14/13	4	7	18	\$2.96	\$ 21.20	\$20.09	2479	0 \$	- \$	16.70	\$7.45
2480	04/14/13	4	8	18	\$3.27	\$ 21.20	\$20.09	2480	0 \$	- \$	16.70	\$8.23
2481	04/14/13	4	9	18	\$4.64	\$ 21.20	\$20.09	2481	0 \$	- \$	16.69	\$11.69
2482	04/14/13	4	10	18	\$5.42	\$ 21.20	\$20.09	2482	0 \$	- \$	16.68	\$13.65
2483	04/14/13	4	11	17	\$5.48	\$ 21.20	\$20.08	2483	0 \$	- \$	16.68	\$13.79
2484	04/14/13	4	12	17	\$5.70	\$ 21.20	\$20.08	2484	0 \$	- \$	16.67	\$14.34
2485	04/14/13	4	13	17	\$5.69	\$ 21.20	\$20.08	2485	0 \$	- \$	16.66	\$14.31
2486	04/14/13	4	14	17	\$5.67	\$ 21.20	\$20.09	2486	0 \$	- \$	16.66	\$14.28
2487	04/14/13	4	15	17	\$5.74	\$ 21.20	\$20.08	2487	0 \$	- \$	16.65	\$14.45
2488	04/14/13	4	16	17	\$5.59	\$ 21.20	\$20.08	2488	0 \$	- \$	16.64	\$14.08
2489	04/14/13	4	17	17	\$5.70	\$ 21.20	\$20.08	2489	0 \$	- \$	16.64	\$14.34
2490	04/14/13	4	18	17	\$6.37	\$ 21.20	\$20.09	2490	0 \$	- \$	16.63	\$16.03
2491	04/14/13	4	19	17	\$7.02	\$ 21.20	\$20.08	2491	0 \$	- \$	16.62	\$17.66
2492	04/14/13	4	20	18	\$7.29	\$ 21.20	\$20.09	2492	0 \$	- \$	16.62	\$18.36
2493	04/14/13	4	21	19	\$8.01	\$ 21.20	\$20.09	2493	0 \$	- \$	16.61	\$20.15
2494	04/14/13	4	22	19	\$7.44	\$ 21.20	\$20.09	2494	0 \$	- \$	16.60	\$18.72
2495	04/14/13	4	23	19	\$7.16	\$ 21.20	\$20.09	2495	0 \$	- \$	16.60	\$18.03
2496	04/14/13	4	24	18	\$6.97	\$ 21.20	\$20.09	2496	0 \$	- \$	16.59	\$17.55
2497	04/15/13	4	1	18	\$4.44	\$ 21.20	\$20.09	2497	0 \$	- \$	16.58	\$11.17
2498	04/15/13	4	2	18	\$4.31	\$ 21.20	\$20.09	2498	0 \$	- \$	16.58	\$10.85
2499	04/15/13	4	3	18	\$4.31	\$ 21.20	\$20.09	2499	0 \$	- \$	16.57	\$10.86
2500	04/15/13	4	4	18	\$4.37	\$ 21.20	\$20.09	2500	0 \$	- \$	16.56	\$11.01
2501	04/15/13	4	5	19	\$4.72	\$ 21.20	\$20.09	2501	0 \$	- \$	16.56	\$11.89
2502	04/15/13	4	6	20	\$5.72	\$ 21.22	\$20.10	2502	0 \$	- \$	16.55	\$14.40
2503	04/15/13	4	7	22	\$8.93	\$ 21.32	\$20.19	2503	0 \$	- \$	16.54	\$22.49
2504	04/15/13	4	8	24	\$10.51	\$ 21.76	\$20.59	2504	0 \$	- \$	16.54	\$26.45
2505	04/15/13	4	9	25	\$10.66	\$ 22.23	\$21.03	2505	0 \$	- \$	16.53	\$26.83
2506	04/15/13	4	10	25	\$12.55	\$ 22.23	\$21.03	2506	0 \$	- \$	16.52	\$31.60
2507	04/15/13	4	11	25	\$12.63	\$ 22.23	\$21.03	2507	0 \$	- \$	16.52	\$31.80
2508	04/15/13	4	12	26	\$12.90	\$ 22.95	\$21.03	2508	0 \$	- \$	16.51	\$32.47
2509	04/15/13	4	13	25	\$12.86	\$ 22.23	\$21.03	2509	0 \$	- \$	16.50	\$32.37
2510	04/15/13	4	14	25	\$11.89	\$ 22.23	\$21.03	2510	0 \$	- \$	16.50	\$29.92
2511	04/15/13	4	15	25	\$11.82	\$ 22.23	\$21.03	2511	0 \$	- \$	16.49	\$29.76
2512	04/15/13	4	16	25	\$11.53	\$ 22.23	\$21.03	2512	0 \$	- \$	16.48	\$29.02
2513	04/15/13	4	17	25	\$11.64	\$ 22.23	\$21.03	2513	0 \$	- \$	16.48	\$29.29
2514	04/15/13	4	18	25	\$11.08	\$ 22.23	\$21.03	2514	0 \$	- \$	16.47	\$27.89
2515	04/15/13	4	19	25	\$15.12	\$ 22.23	\$21.03	2515	0 \$	- \$	16.46	\$38.05
2516	04/15/13	4	20	25	\$25.10	\$ 22.23	\$21.03	2516	0 \$	- \$	16.46	\$63.17
2517	04/15/13	4	21	26	\$27.78	\$ 22.95	\$21.75	2517	0 \$	- \$	16.45	\$69.92
2518	04/15/13	4	22	26	\$22.46	\$ 22.95	\$21.03	2518	0 \$	- \$	16.44	\$56.54
2519	04/15/13	4	23	24	\$12.01	\$ 21.76	\$20.59	2519	0 \$	- \$	16.44	\$30.23
2520	04/15/13	4	24	23	\$9.47	\$ 21.48	\$20.33	2520	0 \$	- \$	16.43	\$23.84

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2521	04/16/13	4	1	22	\$8.76	\$ 21.32	\$20.19	2521	0 \$	- \$	16.42	\$22.05
2522	04/16/13	4	2	22	\$8.63	\$ 21.32	\$20.19	2522	0 \$	- \$	16.42	\$21.71
2523	04/16/13	4	3	22	\$8.51	\$ 21.32	\$20.19	2523	0 \$	- \$	16.41	\$21.43
2524	04/16/13	4	4	22	\$7.72	\$ 21.32	\$20.19	2524	0 \$	- \$	16.41	\$19.42
2525	04/16/13	4	5	23	\$7.80	\$ 21.48	\$20.33	2525	0 \$	- \$	16.40	\$19.63
2526	04/16/13	4	6	24	\$12.20	\$ 21.76	\$20.59	2526	0 \$	- \$	16.39	\$30.71
2527	04/16/13	4	7	26	\$18.14	\$ 22.95	\$21.75	2527	0 \$	- \$	16.39	\$45.66
2528	04/16/13	4	8	26	\$21.29	\$ 22.95	\$21.75	2528	0 \$	- \$	16.38	\$53.58
2529	04/16/13	4	9	26	\$20.15	\$ 22.95	\$21.75	2529	0 \$	- \$	16.37	\$50.72
2530	04/16/13	4	10	26	\$20.16	\$ 22.95	\$21.75	2530	0 \$	- \$	16.37	\$50.75
2531	04/16/13	4	11	26	\$21.17	\$ 22.95	\$21.75	2531	0 \$	- \$	16.36	\$53.28
2532	04/16/13	4	12	26	\$22.83	\$ 22.95	\$21.03	2532	0 \$	- \$	16.35	\$57.47
2533	04/16/13	4	13	25	\$23.23	\$ 22.23	\$21.03	2533	0 \$	- \$	16.35	\$58.46
2534	04/16/13	4	14	25	\$21.56	\$ 22.23	\$21.03	2534	0 \$	- \$	16.34	\$54.27
2535	04/16/13	4	15	25	\$21.01	\$ 22.23	\$20.59	2535	0 \$	- \$	16.33	\$52.89
2536	04/16/13	4	16	24	\$19.15	\$ 21.76	\$20.59	2536	0 \$	- \$	16.33	\$48.19
2537	04/16/13	4	17	24	\$17.72	\$ 21.76	\$20.59	2537	0 \$	- \$	16.32	\$44.59
2538	04/16/13	4	18	24	\$19.18	\$ 21.76	\$20.59	2538	0 \$	- \$	16.31	\$48.27
2539	04/16/13	4	19	24	\$17.57	\$ 21.76	\$20.59	2539	0 \$	- \$	16.31	\$44.23
2540	04/16/13	4	20	24	\$21.65	\$ 21.76	\$20.59	2540	0 \$	- \$	16.30	\$54.49
2541	04/16/13	4	21	25	\$22.28	\$ 22.23	\$20.59	2541	0 \$	- \$	16.30	\$56.07
2542	04/16/13	4	22	24	\$18.75	\$ 21.76	\$20.59	2542	0 \$	- \$	16.29	\$47.20
2543	04/16/13	4	23	23	\$11.42	\$ 21.48	\$20.33	2543	0 \$	- \$	16.28	\$28.74
2544	04/16/13	4	24	22	\$10.11	\$ 21.32	\$20.19	2544	0 \$	- \$	16.28	\$25.44
2545	04/17/13	4	1	22	\$7.69	\$ 21.32	\$20.19	2545	0 \$	- \$	16.27	\$19.36
2546	04/17/13	4	2	21	\$7.30	\$ 21.25	\$20.13	2546	0 \$	- \$	16.26	\$18.37
2547	04/17/13	4	3	21	\$7.13	\$ 21.25	\$20.13	2547	0 \$	- \$	16.26	\$17.95
2548	04/17/13	4	4	21	\$6.96	\$ 21.25	\$20.13	2548	0 \$	- \$	16.25	\$17.53
2549	04/17/13	4	5	22	\$7.02	\$ 21.32	\$20.19	2549	0 \$	- \$	16.24	\$17.66
2550	04/17/13	4	6	23	\$8.08	\$ 21.48	\$20.33	2550	0 \$	- \$	16.24	\$20.35
2551	04/17/13	4	7	25	\$13.21	\$ 22.23	\$20.59	2551	0 \$	- \$	16.23	\$33.24
2552	04/17/13	4	8	25	\$15.77	\$ 22.23	\$21.03	2552	0 \$	- \$	16.23	\$39.69
2553	04/17/13	4	9	26	\$13.71	\$ 22.95	\$21.75	2553	0 \$	- \$	16.22	\$34.52
2554	04/17/13	4	10	26	\$12.91	\$ 22.95	\$21.75	2554	0 \$	- \$	16.21	\$32.49
2555	04/17/13	4	11	26	\$13.80	\$ 22.95	\$21.03	2555	0 \$	- \$	16.21	\$34.74
2556	04/17/13	4	12	25	\$13.49	\$ 22.23	\$21.03	2556	0 \$	- \$	16.20	\$33.96
2557	04/17/13	4	13	25	\$12.47	\$ 22.23	\$20.59	2557	0 \$	- \$	16.19	\$31.40
2558	04/17/13	4	14	25	\$12.10	\$ 22.23	\$20.59	2558	0 \$	- \$	16.19	\$30.46
2559	04/17/13	4	15	24	\$11.66	\$ 21.76	\$20.59	2559	0 \$	- \$	16.18	\$29.35
2560	04/17/13	4	16	24	\$11.35	\$ 21.76	\$20.59	2560	0 \$	- \$	16.17	\$28.58
2561	04/17/13	4	17	24	\$10.39	\$ 21.76	\$20.59	2561	0 \$	- \$	16.17	\$26.15
2562	04/17/13	4	18	25	\$10.22	\$ 22.23	\$21.03	2562	0 \$	- \$	16.16	\$25.73
2563	04/17/13	4	19	26	\$10.72	\$ 22.95	\$21.03	2563	0 \$	- \$	16.16	\$26.98
2564	04/17/13	4	20	26	\$14.14	\$ 22.95	\$21.75	2564	0 \$	- \$	16.15	\$35.60
2565	04/17/13	4	21	26	\$11.96	\$ 22.95	\$21.75	2565	0 \$	- \$	16.14	\$30.11
2566	04/17/13	4	22	26	\$9.85	\$ 22.95	\$21.75	2566	0 \$	- \$	16.14	\$24.79
2567	04/17/13	4	23	24	\$7.45	\$ 21.76	\$20.59	2567	0 \$	- \$	16.13	\$18.76
2568	04/17/13	4	24	23	\$6.96	\$ 21.48	\$20.33	2568	0 \$	- \$	16.12	\$17.51
2569	04/18/13	4	1	22	\$5.16	\$ 21.32	\$20.19	2569	0 \$	- \$	16.12	\$12.99
2570	04/18/13	4	2	22	\$4.80	\$ 21.32	\$20.19	2570	0 \$	- \$	16.11	\$12.08
2571	04/18/13	4	3	22	\$4.24	\$ 21.32	\$20.19	2571	0 \$	- \$	16.11	\$10.67
2572	04/18/13	4	4	22	\$4.39	\$ 21.32	\$20.19	2572	0 \$	- \$	16.10	\$11.06
2573	04/18/13	4	5	22	\$4.58	\$ 21.32	\$20.19	2573	0 \$	- \$	16.09	\$11.54
2574	04/18/13	4	6	24	\$6.68	\$ 21.76	\$20.59	2574	0 \$	- \$	16.09	\$16.81
2575	04/18/13	4	7	25	\$12.66	\$ 22.23	\$21.03	2575	0 \$	- \$	16.08	\$31.87
2576	04/18/13	4	8	26	\$14.03	\$ 22.95	\$21.75	2576	0 \$	- \$	16.07	\$35.32

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2577	04/18/13	4	9	27	\$12.36	\$ 24.09	\$22.90	2577	0 \$	- \$	16.07	\$31.12
2578	04/18/13	4	10	27	\$11.63	\$ 24.09	\$21.75	2578	0 \$	- \$	16.06	\$29.27
2579	04/18/13	4	11	27	\$12.15	\$ 24.09	\$21.75	2579	0 \$	- \$	16.06	\$30.59
2580	04/18/13	4	12	26	\$11.69	\$ 22.95	\$21.75	2580	0 \$	- \$	16.05	\$29.42
2581	04/18/13	4	13	26	\$11.71	\$ 22.95	\$21.75	2581	0 \$	- \$	16.04	\$29.47
2582	04/18/13	4	14	26	\$11.16	\$ 22.95	\$21.75	2582	0 \$	- \$	16.04	\$28.10
2583	04/18/13	4	15	25	\$10.76	\$ 22.23	\$21.03	2583	0 \$	- \$	16.03	\$27.08
2584	04/18/13	4	16	25	\$10.18	\$ 22.23	\$21.03	2584	0 \$	- \$	16.02	\$25.63
2585	04/18/13	4	17	24	\$10.60	\$ 21.76	\$20.59	2585	0 \$	- \$	16.02	\$26.69
2586	04/18/13	4	18	24	\$10.94	\$ 21.76	\$20.59	2586	0 \$	- \$	16.01	\$27.53
2587	04/18/13	4	19	25	\$9.85	\$ 22.23	\$20.59	2587	0 \$	- \$	16.01	\$24.79
2588	04/18/13	4	20	24	\$13.79	\$ 21.76	\$20.59	2588	0 \$	- \$	16.00	\$34.70
2589	04/18/13	4	21	25	\$13.06	\$ 22.23	\$21.03	2589	0 \$	- \$	15.99	\$32.87
2590	04/18/13	4	22	24	\$10.03	\$ 21.76	\$20.59	2590	0 \$	- \$	15.99	\$25.24
2591	04/18/13	4	23	23	\$6.58	\$ 21.48	\$20.33	2591	0 \$	- \$	15.98	\$16.57
2592	04/18/13	4	24	22	\$4.73	\$ 21.32	\$20.19	2592	0 \$	- \$	15.97	\$11.90
2593	04/19/13	4	1	22	\$2.52	\$ 21.32	\$20.19	2593	0 \$	- \$	15.97	\$6.35
2594	04/19/13	4	2	22	\$2.63	\$ 21.32	\$20.19	2594	0 \$	- \$	15.96	\$6.61
2595	04/19/13	4	3	22	\$2.51	\$ 21.32	\$20.19	2595	0 \$	- \$	15.96	\$6.31
2596	04/19/13	4	4	23	\$2.46	\$ 21.48	\$20.19	2596	0 \$	- \$	15.95	\$6.19
2597	04/19/13	4	5	23	\$2.86	\$ 21.48	\$20.33	2597	0 \$	- \$	15.94	\$7.20
2598	04/19/13	4	6	25	\$6.95	\$ 22.23	\$20.59	2598	0 \$	- \$	15.94	\$17.49
2599	04/19/13	4	7	26	\$9.71	\$ 22.95	\$21.75	2599	0 \$	- \$	15.93	\$24.43
2600	04/19/13	4	8	27	\$11.68	\$ 24.09	\$21.75	2600	0 \$	- \$	15.93	\$29.39
2601	04/19/13	4	9	27	\$10.00	\$ 24.09	\$22.90	2601	0 \$	- \$	15.92	\$25.17
2602	04/19/13	4	10	27	\$10.22	\$ 24.09	\$21.75	2602	0 \$	- \$	15.91	\$25.73
2603	04/19/13	4	11	27	\$9.90	\$ 24.09	\$21.75	2603	0 \$	- \$	15.91	\$24.93
2604	04/19/13	4	12	27	\$9.64	\$ 24.09	\$21.75	2604	0 \$	- \$	15.90	\$24.27
2605	04/19/13	4	13	26	\$9.16	\$ 22.95	\$21.75	2605	0 \$	- \$	15.90	\$23.06
2606	04/19/13	4	14	26	\$8.95	\$ 22.95	\$21.75	2606	0 \$	- \$	15.89	\$22.52
2607	04/19/13	4	15	26	\$8.55	\$ 22.95	\$21.03	2607	0 \$	- \$	15.88	\$21.51
2608	04/19/13	4	16	25	\$8.48	\$ 22.23	\$21.03	2608	0 \$	- \$	15.88	\$21.34
2609	04/19/13	4	17	25	\$8.43	\$ 22.23	\$20.59	2609	0 \$	- \$	15.87	\$21.23
2610	04/19/13	4	18	24	\$8.90	\$ 21.76	\$20.33	2610	0 \$	- \$	15.86	\$22.39
2611	04/19/13	4	19	24	\$9.65	\$ 21.76	\$20.59	2611	0 \$	- \$	15.86	\$24.28
2612	04/19/13	4	20	25	\$18.95	\$ 22.23	\$21.03	2612	0 \$	- \$	15.85	\$47.71
2613	04/19/13	4	21	26	\$19.96	\$ 22.95	\$21.03	2613	0 \$	- \$	15.85	\$50.24
2614	04/19/13	4	22	25	\$20.11	\$ 22.23	\$21.03	2614	0 \$	- \$	15.84	\$50.62
2615	04/19/13	4	23	24	\$12.51	\$ 21.76	\$20.59	2615	0 \$	- \$	15.83	\$31.48
2616	04/19/13	4	24	23	\$11.23	\$ 21.48	\$20.33	2616	0 \$	- \$	15.83	\$28.26
2617	04/20/13	4	1	22	\$10.49	\$ 21.32	\$20.19	2617	0 \$	- \$	15.82	\$26.40
2618	04/20/13	4	2	22	\$9.36	\$ 21.32	\$20.19	2618	0 \$	- \$	15.82	\$23.55
2619	04/20/13	4	3	22	\$9.21	\$ 21.32	\$20.19	2619	0 \$	- \$	15.81	\$23.17
2620	04/20/13	4	4	22	\$9.39	\$ 21.32	\$20.19	2620	0 \$	- \$	15.80	\$23.63
2621	04/20/13	4	5	22	\$9.55	\$ 21.32	\$20.19	2621	0 \$	- \$	15.80	\$24.05
2622	04/20/13	4	6	22	\$11.96	\$ 21.32	\$20.19	2622	0 \$	- \$	15.79	\$30.10
2623	04/20/13	4	7	23	\$15.12	\$ 21.48	\$20.33	2623	0 \$	- \$	15.79	\$38.06
2624	04/20/13	4	8	23	\$19.05	\$ 21.48	\$20.33	2624	0 \$	- \$	15.78	\$47.94
2625	04/20/13	4	9	23	\$20.05	\$ 21.48	\$20.33	2625	0 \$	- \$	15.77	\$50.47
2626	04/20/13	4	10	23	\$20.11	\$ 21.48	\$20.33	2626	0 \$	- \$	15.77	\$50.62
2627	04/20/13	4	11	23	\$20.19	\$ 21.48	\$20.33	2627	0 \$	- \$	15.76	\$50.82
2628	04/20/13	4	12	22	\$18.83	\$ 21.32	\$20.33	2628	0 \$	- \$	15.76	\$47.39
2629	04/20/13	4	13	22	\$15.82	\$ 21.32	\$20.19	2629	0 \$	- \$	15.75	\$39.81
2630	04/20/13	4	14	22	\$13.51	\$ 21.32	\$20.19	2630	0 \$	- \$	15.74	\$34.01
2631	04/20/13	4	15	21	\$11.96	\$ 21.25	\$20.13	2631	0 \$	- \$	15.74	\$30.10
2632	04/20/13	4	16	20	\$10.83	\$ 21.22	\$20.10	2632	0 \$	- \$	15.73	\$27.25

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2633	04/20/13	4	17	20	\$10.05	\$ 21.22	\$20.10	2633	0 \$	- \$	15.73	\$25.30
2634	04/20/13	4	18	21	\$9.65	\$ 21.25	\$20.13	2634	0 \$	- \$	15.72	\$24.29
2635	04/20/13	4	19	21	\$9.85	\$ 21.25	\$20.13	2635	0 \$	- \$	15.71	\$24.79
2636	04/20/13	4	20	21	\$13.31	\$ 21.25	\$20.13	2636	0 \$	- \$	15.71	\$33.49
2637	04/20/13	4	21	22	\$13.27	\$ 21.32	\$20.19	2637	0 \$	- \$	15.70	\$33.40
2638	04/20/13	4	22	22	\$9.59	\$ 21.32	\$20.19	2638	0 \$	- \$	15.70	\$24.14
2639	04/20/13	4	23	21	\$7.63	\$ 21.25	\$20.19	2639	0 \$	- \$	15.69	\$19.20
2640	04/20/13	4	24	21	\$7.15	\$ 21.25	\$20.13	2640	0 \$	- \$	15.68	\$17.99
2641	04/21/13	4	1	20	\$2.30	\$ 21.22	\$20.13	2641	0 \$	- \$	15.68	\$5.79
2642	04/21/13	4	2	20	\$2.32	\$ 21.22	\$20.10	2642	0 \$	- \$	15.67	\$5.85
2643	04/21/13	4	3	20	\$2.46	\$ 21.22	\$20.10	2643	0 \$	- \$	15.67	\$6.18
2644	04/21/13	4	4	20	\$2.25	\$ 21.22	\$20.10	2644	0 \$	- \$	15.66	\$5.66
2645	04/21/13	4	5	20	\$2.22	\$ 21.22	\$20.10	2645	0 \$	- \$	15.65	\$5.59
2646	04/21/13	4	6	20	\$3.06	\$ 21.22	\$20.10	2646	0 \$	- \$	15.65	\$7.70
2647	04/21/13	4	7	20	\$4.58	\$ 21.22	\$20.13	2647	0 \$	- \$	15.64	\$11.53
2648	04/21/13	4	8	21	\$4.79	\$ 21.25	\$20.13	2648	0 \$	- \$	15.64	\$12.05
2649	04/21/13	4	9	21	\$4.39	\$ 21.25	\$20.19	2649	0 \$	- \$	15.63	\$11.04
2650	04/21/13	4	10	22	\$4.31	\$ 21.32	\$20.19	2650	0 \$	- \$	15.63	\$10.86
2651	04/21/13	4	11	22	\$4.29	\$ 21.32	\$20.19	2651	0 \$	- \$	15.62	\$10.80
2652	04/21/13	4	12	22	\$4.49	\$ 21.32	\$20.19	2652	0 \$	- \$	15.61	\$11.30
2653	04/21/13	4	13	21	\$4.35	\$ 21.25	\$20.19	2653	0 \$	- \$	15.61	\$10.94
2654	04/21/13	4	14	21	\$4.04	\$ 21.25	\$20.13	2654	0 \$	- \$	15.60	\$10.18
2655	04/21/13	4	15	21	\$4.11	\$ 21.25	\$20.13	2655	0 \$	- \$	15.60	\$10.35
2656	04/21/13	4	16	21	\$4.16	\$ 21.25	\$20.13	2656	0 \$	- \$	15.59	\$10.47
2657	04/21/13	4	17	21	\$4.66	\$ 21.25	\$20.13	2657	0 \$	- \$	15.58	\$11.72
2658	04/21/13	4	18	21	\$5.57	\$ 21.25	\$20.13	2658	0 \$	- \$	15.58	\$14.01
2659	04/21/13	4	19	22	\$5.84	\$ 21.32	\$20.19	2659	0 \$	- \$	15.57	\$14.71
2660	04/21/13	4	20	22	\$9.89	\$ 21.32	\$20.19	2660	0 \$	- \$	15.57	\$24.90
2661	04/21/13	4	21	23	\$9.86	\$ 21.48	\$20.33	2661	0 \$	- \$	15.56	\$24.83
2662	04/21/13	4	22	22	\$7.53	\$ 21.32	\$20.19	2662	0 \$	- \$	15.55	\$18.96
2663	04/21/13	4	23	21	\$5.25	\$ 21.25	\$20.13	2663	0 \$	- \$	15.55	\$13.21
2664	04/21/13	4	24	20	\$4.62	\$ 21.22	\$20.10	2664	0 \$	- \$	15.54	\$11.63
2665	04/22/13	4	1	20	\$5.23	\$ 21.22	\$20.10	2665	0 \$	- \$	15.54	\$13.17
2666	04/22/13	4	2	20	\$5.02	\$ 21.22	\$20.10	2666	0 \$	- \$	15.53	\$12.64
2667	04/22/13	4	3	20	\$5.68	\$ 21.22	\$20.10	2667	0 \$	- \$	15.53	\$14.30
2668	04/22/13	4	4	20	\$6.06	\$ 21.22	\$20.10	2668	0 \$	- \$	15.52	\$15.26
2669	04/22/13	4	5	20	\$7.21	\$ 21.22	\$20.10	2669	0 \$	- \$	15.51	\$18.14
2670	04/22/13	4	6	22	\$9.21	\$ 21.32	\$20.19	2670	0 \$	- \$	15.51	\$23.19
2671	04/22/13	4	7	23	\$12.29	\$ 21.48	\$20.33	2671	0 \$	- \$	15.50	\$30.94
2672	04/22/13	4	8	24	\$14.04	\$ 21.76	\$20.59	2672	0 \$	- \$	15.50	\$35.34
2673	04/22/13	4	9	25	\$13.69	\$ 22.23	\$21.03	2673	0 \$	- \$	15.49	\$34.47
2674	04/22/13	4	10	25	\$13.54	\$ 22.23	\$21.03	2674	0 \$	- \$	15.48	\$34.09
2675	04/22/13	4	11	25	\$13.12	\$ 22.23	\$21.03	2675	0 \$	- \$	15.48	\$33.02
2676	04/22/13	4	12	25	\$12.58	\$ 22.23	\$21.03	2676	0 \$	- \$	15.47	\$31.66
2677	04/22/13	4	13	25	\$12.59	\$ 22.23	\$21.03	2677	0 \$	- \$	15.47	\$31.69
2678	04/22/13	4	14	24	\$11.80	\$ 21.76	\$20.59	2678	0 \$	- \$	15.46	\$29.69
2679	04/22/13	4	15	24	\$10.44	\$ 21.76	\$20.59	2679	0 \$	- \$	15.46	\$26.28
2680	04/22/13	4	16	23	\$9.84	\$ 21.48	\$20.33	2680	0 \$	- \$	15.45	\$24.77
2681	04/22/13	4	17	23	\$9.55	\$ 21.48	\$20.33	2681	0 \$	- \$	15.44	\$24.05
2682	04/22/13	4	18	23	\$9.34	\$ 21.48	\$20.33	2682	0 \$	- \$	15.44	\$23.50
2683	04/22/13	4	19	24	\$8.79	\$ 21.76	\$20.59	2683	0 \$	- \$	15.43	\$22.12
2684	04/22/13	4	20	25	\$10.72	\$ 22.23	\$21.03	2684	0 \$	- \$	15.43	\$26.98
2685	04/22/13	4	21	25	\$10.11	\$ 22.23	\$21.03	2685	0 \$	- \$	15.42	\$25.46
2686	04/22/13	4	22	25	\$8.72	\$ 22.23	\$21.03	2686	0 \$	- \$	15.42	\$21.96
2687	04/22/13	4	23	24	\$5.09	\$ 21.76	\$20.59	2687	0 \$	- \$	15.41	\$12.81
2688	04/22/13	4	24	23	\$4.02	\$ 21.48	\$20.33	2688	0 \$	- \$	15.40	\$10.12

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2689	04/23/13	4	1	22	\$2.58	\$ 21.32	\$20.19	2689	0 \$	- \$	15.40	\$6.50
2690	04/23/13	4	2	22	\$2.43	\$ 21.32	\$20.19	2690	0 \$	- \$	15.39	\$6.11
2691	04/23/13	4	3	22	\$2.19	\$ 21.32	\$20.19	2691	0 \$	- \$	15.39	\$5.52
2692	04/23/13	4	4	22	\$1.96	\$ 21.32	\$20.19	2692	0 \$	- \$	15.38	\$4.93
2693	04/23/13	4	5	22	\$2.38	\$ 21.32	\$20.19	2693	0 \$	- \$	15.38	\$5.99
2694	04/23/13	4	6	24	\$4.28	\$ 21.76	\$20.59	2694	0 \$	- \$	15.37	\$10.78
2695	04/23/13	4	7	25	\$7.81	\$ 22.23	\$21.03	2695	0 \$	- \$	15.36	\$19.66
2696	04/23/13	4	8	26	\$9.15	\$ 22.95	\$21.75	2696	0 \$	- \$	15.36	\$23.03
2697	04/23/13	4	9	26	\$9.05	\$ 22.95	\$21.75	2697	0 \$	- \$	15.35	\$22.78
2698	04/23/13	4	10	26	\$9.27	\$ 22.95	\$21.75	2698	0 \$	- \$	15.35	\$23.34
2699	04/23/13	4	11	26	\$9.73	\$ 22.95	\$21.75	2699	0 \$	- \$	15.34	\$24.49
2700	04/23/13	4	12	27	\$9.70	\$ 24.09	\$21.75	2700	0 \$	- \$	15.34	\$24.41
2701	04/23/13	4	13	26	\$9.44	\$ 22.95	\$21.75	2701	0 \$	- \$	15.33	\$23.75
2702	04/23/13	4	14	26	\$9.37	\$ 22.95	\$21.75	2702	0 \$	- \$	15.32	\$23.58
2703	04/23/13	4	15	26	\$8.83	\$ 22.95	\$21.75	2703	0 \$	- \$	15.32	\$22.23
2704	04/23/13	4	16	25	\$8.35	\$ 22.23	\$21.03	2704	0 \$	- \$	15.31	\$21.03
2705	04/23/13	4	17	25	\$8.11	\$ 22.23	\$21.03	2705	0 \$	- \$	15.31	\$20.41
2706	04/23/13	4	18	24	\$7.91	\$ 21.76	\$20.59	2706	0 \$	- \$	15.30	\$19.92
2707	04/23/13	4	19	24	\$8.18	\$ 21.76	\$20.59	2707	0 \$	- \$	15.30	\$20.58
2708	04/23/13	4	20	26	\$10.75	\$ 22.95	\$21.03	2708	0 \$	- \$	15.29	\$27.06
2709	04/23/13	4	21	26	\$11.16	\$ 22.95	\$21.75	2709	0 \$	- \$	15.28	\$28.10
2710	04/23/13	4	22	25	\$9.92	\$ 22.23	\$21.03	2710	0 \$	- \$	15.28	\$24.97
2711	04/23/13	4	23	24	\$7.97	\$ 21.76	\$20.59	2711	0 \$	- \$	15.27	\$20.07
2712	04/23/13	4	24	24	\$7.49	\$ 21.76	\$20.59	2712	0 \$	- \$	15.27	\$18.86
2713	04/24/13	4	1	23	\$8.02	\$ 21.48	\$20.33	2713	0 \$	- \$	15.26	\$20.18
2714	04/24/13	4	2	23	\$7.83	\$ 21.48	\$20.33	2714	0 \$	- \$	15.26	\$19.71
2715	04/24/13	4	3	23	\$7.84	\$ 21.48	\$20.33	2715	0 \$	- \$	15.25	\$19.73
2716	04/24/13	4	4	23	\$7.86	\$ 21.48	\$20.33	2716	0 \$	- \$	15.25	\$19.78
2717	04/24/13	4	5	23	\$8.38	\$ 21.48	\$20.33	2717	0 \$	- \$	15.24	\$21.10
2718	04/24/13	4	6	25	\$11.52	\$ 22.23	\$21.03	2718	0 \$	- \$	15.23	\$28.99
2719	04/24/13	4	7	26	\$13.40	\$ 22.95	\$21.75	2719	0 \$	- \$	15.23	\$33.72
2720	04/24/13	4	8	27	\$15.48	\$ 24.09	\$22.90	2720	0 \$	- \$	15.22	\$38.97
2721	04/24/13	4	9	27	\$14.29	\$ 24.09	\$21.75	2721	0 \$	- \$	15.22	\$35.98
2722	04/24/13	4	10	27	\$14.63	\$ 24.09	\$21.75	2722	0 \$	- \$	15.21	\$36.82
2723	04/24/13	4	11	26	\$13.84	\$ 22.95	\$21.75	2723	0 \$	- \$	15.21	\$34.84
2724	04/24/13	4	12	26	\$12.28	\$ 22.95	\$21.75	2724	0 \$	- \$	15.20	\$30.91
2725	04/24/13	4	13	26	\$10.77	\$ 22.95	\$21.03	2725	0 \$	- \$	15.20	\$27.10
2726	04/24/13	4	14	25	\$10.07	\$ 22.23	\$21.03	2726	0 \$	- \$	15.19	\$25.35
2727	04/24/13	4	15	25	\$8.37	\$ 22.23	\$20.59	2727	0 \$	- \$	15.18	\$21.07
2728	04/24/13	4	16	24	\$7.87	\$ 21.76	\$20.59	2728	0 \$	- \$	15.18	\$19.81
2729	04/24/13	4	17	23	\$7.11	\$ 21.48	\$20.33	2729	0 \$	- \$	15.17	\$17.89
2730	04/24/13	4	18	23	\$6.77	\$ 21.48	\$20.33	2730	0 \$	- \$	15.17	\$17.05
2731	04/24/13	4	19	23	\$6.88	\$ 21.48	\$20.19	2731	0 \$	- \$	15.16	\$17.33
2732	04/24/13	4	20	23	\$9.90	\$ 21.48	\$20.33	2732	0 \$	- \$	15.16	\$24.92
2733	04/24/13	4	21	25	\$9.88	\$ 22.23	\$21.03	2733	0 \$	- \$	15.15	\$24.87
2734	04/24/13	4	22	25	\$8.33	\$ 22.23	\$21.03	2734	0 \$	- \$	15.15	\$20.97
2735	04/24/13	4	23	24	\$5.57	\$ 21.76	\$20.59	2735	0 \$	- \$	15.14	\$14.03
2736	04/24/13	4	24	23	\$5.01	\$ 21.48	\$20.33	2736	0 \$	- \$	15.13	\$12.60
2737	04/25/13	4	1	22	\$5.36	\$ 21.32	\$20.19	2737	0 \$	- \$	15.13	\$13.49
2738	04/25/13	4	2	22	\$5.09	\$ 21.32	\$20.19	2738	0 \$	- \$	15.12	\$12.81
2739	04/25/13	4	3	22	\$5.90	\$ 21.32	\$20.19	2739	0 \$	- \$	15.12	\$14.85
2740	04/25/13	4	4	22	\$6.52	\$ 21.32	\$20.19	2740	0 \$	- \$	15.11	\$16.42
2741	04/25/13	4	5	22	\$7.69	\$ 21.32	\$20.19	2741	0 \$	- \$	15.11	\$19.36
2742	04/25/13	4	6	24	\$10.68	\$ 21.76	\$20.59	2742	0 \$	- \$	15.10	\$26.89
2743	04/25/13	4	7	25	\$16.15	\$ 22.23	\$21.03	2743	0 \$	- \$	15.10	\$40.64
2744	04/25/13	4	8	26	\$18.22	\$ 22.95	\$21.75	2744	0 \$	- \$	15.09	\$45.85

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2745	04/25/13	4	9	26	\$18.55	\$ 22.95	\$21.75	2745	0 \$	- \$	15.08	\$46.70
2746	04/25/13	4	10	26	\$18.59	\$ 22.95	\$21.03	2746	0 \$	- \$	15.08	\$46.79
2747	04/25/13	4	11	26	\$18.26	\$ 22.95	\$21.03	2747	0 \$	- \$	15.07	\$45.96
2748	04/25/13	4	12	26	\$18.16	\$ 22.95	\$21.03	2748	0 \$	- \$	15.07	\$45.71
2749	04/25/13	4	13	26	\$17.20	\$ 22.95	\$21.75	2749	0 \$	- \$	15.06	\$43.30
2750	04/25/13	4	14	26	\$16.85	\$ 22.95	\$21.75	2750	0 \$	- \$	15.06	\$42.41
2751	04/25/13	4	15	26	\$14.89	\$ 22.95	\$21.75	2751	0 \$	- \$	15.05	\$37.47
2752	04/25/13	4	16	25	\$12.90	\$ 22.23	\$21.03	2752	0 \$	- \$	15.05	\$32.48
2753	04/25/13	4	17	25	\$11.62	\$ 22.23	\$21.03	2753	0 \$	- \$	15.04	\$29.25
2754	04/25/13	4	18	24	\$10.95	\$ 21.76	\$20.59	2754	0 \$	- \$	15.04	\$27.55
2755	04/25/13	4	19	24	\$10.63	\$ 21.76	\$20.59	2755	0 \$	- \$	15.03	\$26.75
2756	04/25/13	4	20	25	\$14.23	\$ 22.23	\$21.03	2756	0 \$	- \$	15.02	\$35.83
2757	04/25/13	4	21	25	\$12.90	\$ 22.23	\$21.03	2757	0 \$	- \$	15.02	\$32.46
2758	04/25/13	4	22	25	\$9.17	\$ 22.23	\$21.03	2758	0 \$	- \$	15.01	\$23.08
2759	04/25/13	4	23	24	\$5.82	\$ 21.76	\$20.59	2759	0 \$	- \$	15.01	\$14.66
2760	04/25/13	4	24	23	\$3.68	\$ 21.48	\$20.33	2760	0 \$	- \$	15.00	\$9.27
2761	04/26/13	4	1	22	\$0.81	\$ 21.32	\$20.19	2761	0 \$	- \$	15.00	\$2.05
2762	04/26/13	4	2	22	\$0.13	\$ 21.32	\$20.19	2762	0 \$	- \$	14.99	\$0.32
2763	04/26/13	4	3	22	\$0.07	\$ 21.32	\$20.19	2763	0 \$	- \$	14.99	\$0.17
2764	04/26/13	4	4	22	\$1.16	\$ 21.32	\$20.13	2764	0 \$	- \$	14.98	\$2.92
2765	04/26/13	4	5	22	\$2.29	\$ 21.32	\$20.19	2765	0 \$	- \$	14.98	\$5.76
2766	04/26/13	4	6	23	\$4.72	\$ 21.48	\$20.33	2766	0 \$	- \$	14.97	\$11.87
2767	04/26/13	4	7	24	\$7.07	\$ 21.76	\$20.59	2767	0 \$	- \$	14.96	\$17.79
2768	04/26/13	4	8	25	\$10.78	\$ 22.23	\$21.03	2768	0 \$	- \$	14.96	\$27.13
2769	04/26/13	4	9	25	\$10.41	\$ 22.23	\$20.59	2769	0 \$	- \$	14.95	\$26.21
2770	04/26/13	4	10	24	\$11.06	\$ 21.76	\$20.59	2770	0 \$	- \$	14.95	\$27.84
2771	04/26/13	4	11	24	\$10.83	\$ 21.76	\$20.59	2771	0 \$	- \$	14.94	\$27.27
2772	04/26/13	4	12	24	\$11.36	\$ 21.76	\$20.59	2772	0 \$	- \$	14.94	\$28.60
2773	04/26/13	4	13	24	\$12.01	\$ 21.76	\$20.59	2773	0 \$	- \$	14.93	\$30.23
2774	04/26/13	4	14	25	\$11.83	\$ 22.23	\$21.03	2774	0 \$	- \$	14.93	\$29.77
2775	04/26/13	4	15	25	\$11.49	\$ 22.23	\$21.03	2775	0 \$	- \$	14.92	\$28.92
2776	04/26/13	4	16	25	\$10.79	\$ 22.23	\$21.03	2776	0 \$	- \$	14.92	\$27.16
2777	04/26/13	4	17	24	\$10.04	\$ 21.76	\$20.59	2777	0 \$	- \$	14.91	\$25.27
2778	04/26/13	4	18	24	\$9.96	\$ 21.76	\$20.59	2778	0 \$	- \$	14.91	\$25.07
2779	04/26/13	4	19	24	\$9.97	\$ 21.76	\$20.59	2779	0 \$	- \$	14.90	\$25.09
2780	04/26/13	4	20	23	\$14.45	\$ 21.48	\$20.59	2780	0 \$	- \$	14.89	\$36.37
2781	04/26/13	4	21	24	\$14.13	\$ 21.76	\$20.59	2781	0 \$	- \$	14.89	\$35.56
2782	04/26/13	4	22	24	\$11.95	\$ 21.76	\$20.59	2782	0 \$	- \$	14.88	\$30.07
2783	04/26/13	4	23	23	\$9.71	\$ 21.48	\$20.33	2783	0 \$	- \$	14.88	\$24.44
2784	04/26/13	4	24	21	\$9.20	\$ 21.25	\$20.19	2784	0 \$	- \$	14.87	\$23.16
2785	04/27/13	4	1	21	\$9.83	\$ 21.25	\$20.13	2785	0 \$	- \$	14.87	\$24.75
2786	04/27/13	4	2	20	\$9.40	\$ 21.22	\$20.10	2786	0 \$	- \$	14.86	\$23.67
2787	04/27/13	4	3	20	\$8.94	\$ 21.22	\$20.10	2787	0 \$	- \$	14.86	\$22.50
2788	04/27/13	4	4	20	\$9.35	\$ 21.22	\$20.10	2788	0 \$	- \$	14.85	\$23.54
2789	04/27/13	4	5	20	\$9.48	\$ 21.22	\$20.10	2789	0 \$	- \$	14.85	\$23.85
2790	04/27/13	4	6	20	\$10.66	\$ 21.22	\$20.10	2790	0 \$	- \$	14.84	\$26.84
2791	04/27/13	4	7	20	\$11.39	\$ 21.22	\$20.10	2791	0 \$	- \$	14.84	\$28.68
2792	04/27/13	4	8	20	\$13.17	\$ 21.22	\$20.10	2792	0 \$	- \$	14.83	\$33.14
2793	04/27/13	4	9	22	\$17.02	\$ 21.32	\$20.19	2793	0 \$	- \$	14.83	\$42.85
2794	04/27/13	4	10	22	\$18.35	\$ 21.32	\$20.19	2794	0 \$	- \$	14.82	\$46.18
2795	04/27/13	4	11	23	\$17.52	\$ 21.48	\$20.33	2795	0 \$	- \$	14.81	\$44.10
2796	04/27/13	4	12	23	\$17.10	\$ 21.48	\$20.33	2796	0 \$	- \$	14.81	\$43.05
2797	04/27/13	4	13	23	\$16.79	\$ 21.48	\$20.33	2797	0 \$	- \$	14.80	\$42.25
2798	04/27/13	4	14	22	\$14.37	\$ 21.32	\$20.33	2798	0 \$	- \$	14.80	\$36.17
2799	04/27/13	4	15	22	\$12.93	\$ 21.32	\$20.19	2799	0 \$	- \$	14.79	\$32.54
2800	04/27/13	4	16	22	\$12.79	\$ 21.32	\$20.19	2800	0 \$	- \$	14.79	\$32.20

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2801	04/27/13	4	17	22	\$12.49	\$ 21.32	\$20.19	2801	0 \$	- \$	14.78	\$31.45
2802	04/27/13	4	18	22	\$13.15	\$ 21.32	\$20.19	2802	0 \$	- \$	14.78	\$33.09
2803	04/27/13	4	19	22	\$13.16	\$ 21.32	\$20.19	2803	0 \$	- \$	14.77	\$33.13
2804	04/27/13	4	20	22	\$16.90	\$ 21.32	\$20.19	2804	0 \$	- \$	14.77	\$42.53
2805	04/27/13	4	21	22	\$16.96	\$ 21.32	\$20.33	2805	0 \$	- \$	14.76	\$42.68
2806	04/27/13	4	22	22	\$9.96	\$ 21.32	\$20.19	2806	0 \$	- \$	14.76	\$25.07
2807	04/27/13	4	23	21	\$9.14	\$ 21.25	\$20.19	2807	0 \$	- \$	14.75	\$23.00
2808	04/27/13	4	24	20	\$7.66	\$ 21.22	\$20.10	2808	0 \$	- \$	14.75	\$19.28
2809	04/28/13	4	1	19	\$7.33	\$ 21.20	\$20.10	2809	0 \$	- \$	14.74	\$18.46
2810	04/28/13	4	2	19	\$6.54	\$ 21.20	\$20.09	2810	0 \$	- \$	14.74	\$16.47
2811	04/28/13	4	3	19	\$6.58	\$ 21.20	\$20.09	2811	0 \$	- \$	14.73	\$16.55
2812	04/28/13	4	4	18	\$6.59	\$ 21.20	\$20.09	2812	0 \$	- \$	14.72	\$16.58
2813	04/28/13	4	5	19	\$6.69	\$ 21.20	\$20.09	2813	0 \$	- \$	14.72	\$16.85
2814	04/28/13	4	6	19	\$6.40	\$ 21.20	\$20.09	2814	0 \$	- \$	14.71	\$16.10
2815	04/28/13	4	7	19	\$6.85	\$ 21.20	\$20.09	2815	0 \$	- \$	14.71	\$17.25
2816	04/28/13	4	8	19	\$7.34	\$ 21.20	\$20.10	2816	0 \$	- \$	14.70	\$18.48
2817	04/28/13	4	9	20	\$7.92	\$ 21.22	\$20.13	2817	0 \$	- \$	14.70	\$19.93
2818	04/28/13	4	10	20	\$10.71	\$ 21.22	\$20.13	2818	0 \$	- \$	14.69	\$26.97
2819	04/28/13	4	11	21	\$11.93	\$ 21.25	\$20.13	2819	0 \$	- \$	14.69	\$30.02
2820	04/28/13	4	12	21	\$11.89	\$ 21.25	\$20.13	2820	0 \$	- \$	14.68	\$29.94
2821	04/28/13	4	13	21	\$11.46	\$ 21.25	\$20.13	2821	0 \$	- \$	14.68	\$28.85
2822	04/28/13	4	14	21	\$9.65	\$ 21.25	\$20.13	2822	0 \$	- \$	14.67	\$24.30
2823	04/28/13	4	15	21	\$9.55	\$ 21.25	\$20.13	2823	0 \$	- \$	14.67	\$24.03
2824	04/28/13	4	16	21	\$9.61	\$ 21.25	\$20.19	2824	0 \$	- \$	14.66	\$24.18
2825	04/28/13	4	17	22	\$10.32	\$ 21.32	\$20.19	2825	0 \$	- \$	14.66	\$25.98
2826	04/28/13	4	18	22	\$11.80	\$ 21.32	\$20.33	2826	0 \$	- \$	14.65	\$29.70
2827	04/28/13	4	19	22	\$11.83	\$ 21.32	\$20.19	2827	0 \$	- \$	14.65	\$29.78
2828	04/28/13	4	20	22	\$14.97	\$ 21.32	\$20.33	2828	0 \$	- \$	14.64	\$37.67
2829	04/28/13	4	21	23	\$15.56	\$ 21.48	\$20.33	2829	0 \$	- \$	14.64	\$39.17
2830	04/28/13	4	22	23	\$11.29	\$ 21.48	\$20.33	2830	0 \$	- \$	14.63	\$28.41
2831	04/28/13	4	23	22	\$8.17	\$ 21.32	\$20.19	2831	0 \$	- \$	14.63	\$20.56
2832	04/28/13	4	24	20	\$7.76	\$ 21.22	\$20.13	2832	0 \$	- \$	14.62	\$19.54
2833	04/29/13	4	1	20	\$7.05	\$ 21.22	\$20.10	2833	0 \$	- \$	14.62	\$17.75
2834	04/29/13	4	2	19	\$7.05	\$ 21.20	\$20.10	2834	0 \$	- \$	14.61	\$17.75
2835	04/29/13	4	3	19	\$7.04	\$ 21.20	\$20.09	2835	0 \$	- \$	14.61	\$17.73
2836	04/29/13	4	4	19	\$7.41	\$ 21.20	\$20.09	2836	0 \$	- \$	14.60	\$18.64
2837	04/29/13	4	5	19	\$7.74	\$ 21.20	\$20.09	2837	0 \$	- \$	14.60	\$19.49
2838	04/29/13	4	6	21	\$8.51	\$ 21.25	\$20.10	2838	0 \$	- \$	14.59	\$21.42
2839	04/29/13	4	7	22	\$13.62	\$ 21.32	\$20.19	2839	0 \$	- \$	14.58	\$34.29
2840	04/29/13	4	8	24	\$16.72	\$ 21.76	\$20.33	2840	0 \$	- \$	14.58	\$42.08
2841	04/29/13	4	9	24	\$18.30	\$ 21.76	\$20.59	2841	0 \$	- \$	14.57	\$46.05
2842	04/29/13	4	10	25	\$16.17	\$ 22.23	\$21.03	2842	0 \$	- \$	14.57	\$40.69
2843	04/29/13	4	11	25	\$17.89	\$ 22.23	\$21.03	2843	0 \$	- \$	14.56	\$45.02
2844	04/29/13	4	12	26	\$18.04	\$ 22.95	\$21.03	2844	0 \$	- \$	14.56	\$45.41
2845	04/29/13	4	13	26	\$17.80	\$ 22.95	\$21.75	2845	0 \$	- \$	14.55	\$44.81
2846	04/29/13	4	14	26	\$17.21	\$ 22.95	\$21.75	2846	0 \$	- \$	14.55	\$43.31
2847	04/29/13	4	15	26	\$16.69	\$ 22.95	\$21.75	2847	0 \$	- \$	14.54	\$42.01
2848	04/29/13	4	16	26	\$15.70	\$ 22.95	\$21.75	2848	0 \$	- \$	14.54	\$39.53
2849	04/29/13	4	17	26	\$15.25	\$ 22.95	\$21.75	2849	0 \$	- \$	14.53	\$38.38
2850	04/29/13	4	18	26	\$14.78	\$ 22.95	\$21.75	2850	0 \$	- \$	14.53	\$37.19
2851	04/29/13	4	19	26	\$13.77	\$ 22.95	\$21.75	2851	0 \$	- \$	14.52	\$34.66
2852	04/29/13	4	20	26	\$15.90	\$ 22.95	\$21.75	2852	0 \$	- \$	14.52	\$40.01
2853	04/29/13	4	21	27	\$14.56	\$ 24.09	\$22.90	2853	0 \$	- \$	14.51	\$36.65
2854	04/29/13	4	22	26	\$11.89	\$ 22.95	\$21.75	2854	0 \$	- \$	14.51	\$29.93
2855	04/29/13	4	23	25	\$7.83	\$ 22.23	\$21.03	2855	0 \$	- \$	14.50	\$19.70
2856	04/29/13	4	24	23	\$6.36	\$ 21.48	\$20.59	2856	0 \$	- \$	14.50	\$16.02

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2857	04/30/13	4	1	22	\$3.41	\$ 21.32	\$20.33	2857	0 \$	- \$	14.49	\$8.58
2858	04/30/13	4	2	22	\$2.35	\$ 21.32	\$20.19	2858	0 \$	- \$	14.49	\$5.91
2859	04/30/13	4	3	21	\$2.20	\$ 21.25	\$20.19	2859	0 \$	- \$	14.48	\$5.53
2860	04/30/13	4	4	21	\$1.70	\$ 21.25	\$20.19	2860	0 \$	- \$	14.48	\$4.27
2861	04/30/13	4	5	21	\$2.13	\$ 21.25	\$20.19	2861	0 \$	- \$	14.47	\$5.35
2862	04/30/13	4	6	22	\$4.16	\$ 21.32	\$20.19	2862	0 \$	- \$	14.47	\$10.47
2863	04/30/13	4	7	22	\$6.76	\$ 21.32	\$20.19	2863	0 \$	- \$	14.46	\$17.02
2864	04/30/13	4	8	23	\$9.26	\$ 21.48	\$20.19	2864	0 \$	- \$	14.46	\$23.31
2865	04/30/13	4	9	22	\$9.34	\$ 21.32	\$20.13	2865	0 \$	- \$	14.45	\$23.50
2866	04/30/13	4	10	22	\$9.79	\$ 21.32	\$20.19	2866	0 \$	- \$	14.45	\$24.65
2867	04/30/13	4	11	23	\$10.20	\$ 21.48	\$20.19	2867	0 \$	- \$	14.44	\$25.67
2868	04/30/13	4	12	23	\$11.09	\$ 21.48	\$20.19	2868	0 \$	- \$	14.44	\$27.91
2869	04/30/13	4	13	23	\$12.01	\$ 21.48	\$20.19	2869	0 \$	- \$	14.43	\$30.24
2870	04/30/13	4	14	24	\$12.44	\$ 21.76	\$20.33	2870	0 \$	- \$	14.43	\$31.32
2871	04/30/13	4	15	24	\$12.76	\$ 21.76	\$20.33	2871	0 \$	- \$	14.42	\$32.11
2872	04/30/13	4	16	24	\$12.94	\$ 21.76	\$20.59	2872	0 \$	- \$	14.42	\$32.56
2873	04/30/13	4	17	24	\$12.92	\$ 21.76	\$20.59	2873	0 \$	- \$	14.41	\$32.53
2874	04/30/13	4	18	24	\$13.38	\$ 21.76	\$20.59	2874	0 \$	- \$	14.41	\$33.68
2875	04/30/13	4	19	24	\$12.48	\$ 21.76	\$20.59	2875	0 \$	- \$	14.40	\$31.41
2876	04/30/13	4	20	24	\$13.16	\$ 21.76	\$20.59	2876	0 \$	- \$	14.40	\$33.13
2877	04/30/13	4	21	25	\$13.10	\$ 22.23	\$21.03	2877	0 \$	- \$	14.39	\$32.98
2878	04/30/13	4	22	24	\$11.34	\$ 21.76	\$20.59	2878	0 \$	- \$	14.39	\$28.55
2879	04/30/13	4	23	23	\$8.38	\$ 21.48	\$20.33	2879	0 \$	- \$	14.38	\$21.10
2880	04/30/13	4	24	21	\$6.84	\$ 21.25	\$20.13	2880	0 \$	- \$	14.38	\$17.22
2881	05/01/13	5	1	20	\$4.95	\$ 21.22	\$20.10	2881	0 \$	- \$	14.37	\$12.46
2882	05/01/13	5	2	20	\$4.22	\$ 21.22	\$20.10	2882	0 \$	- \$	14.37	\$10.63
2883	05/01/13	5	3	20	\$3.95	\$ 21.22	\$20.10	2883	0 \$	- \$	14.36	\$9.95
2884	05/01/13	5	4	20	\$3.63	\$ 21.22	\$20.10	2884	0 \$	- \$	14.36	\$9.14
2885	05/01/13	5	5	20	\$3.89	\$ 21.22	\$20.10	2885	0 \$	- \$	14.35	\$9.80
2886	05/01/13	5	6	21	\$5.07	\$ 21.25	\$20.13	2886	0 \$	- \$	14.35	\$12.76
2887	05/01/13	5	7	22	\$7.13	\$ 21.32	\$20.13	2887	0 \$	- \$	14.34	\$17.94
2888	05/01/13	5	8	23	\$9.02	\$ 21.48	\$20.19	2888	0 \$	- \$	14.34	\$22.71
2889	05/01/13	5	9	24	\$8.96	\$ 21.76	\$20.33	2889	0 \$	- \$	14.33	\$22.56
2890	05/01/13	5	10	24	\$8.95	\$ 21.76	\$20.33	2890	0 \$	- \$	14.33	\$22.53
2891	05/01/13	5	11	24	\$8.93	\$ 21.76	\$20.59	2891	0 \$	- \$	14.32	\$22.48
2892	05/01/13	5	12	24	\$9.18	\$ 21.76	\$20.33	2892	0 \$	- \$	14.32	\$23.11
2893	05/01/13	5	13	24	\$9.23	\$ 21.76	\$20.59	2893	0 \$	- \$	14.31	\$23.24
2894	05/01/13	5	14	25	\$9.20	\$ 22.23	\$21.03	2894	0 \$	- \$	14.31	\$23.15
2895	05/01/13	5	15	26	\$8.81	\$ 22.95	\$21.03	2895	0 \$	- \$	14.30	\$22.17
2896	05/01/13	5	16	26	\$8.39	\$ 22.95	\$21.75	2896	0 \$	- \$	14.30	\$21.11
2897	05/01/13	5	17	26	\$8.03	\$ 22.95	\$21.75	2897	0 \$	- \$	14.29	\$20.22
2898	05/01/13	5	18	26	\$7.66	\$ 22.95	\$21.75	2898	0 \$	- \$	14.29	\$19.29
2899	05/01/13	5	19	26	\$7.95	\$ 22.95	\$21.03	2899	0 \$	- \$	14.28	\$20.02
2900	05/01/13	5	20	26	\$8.96	\$ 22.95	\$21.03	2900	0 \$	- \$	14.28	\$22.55
2901	05/01/13	5	21	26	\$9.35	\$ 22.95	\$21.75	2901	0 \$	- \$	14.27	\$23.53
2902	05/01/13	5	22	26	\$7.50	\$ 22.95	\$21.03	2902	0 \$	- \$	14.27	\$18.88
2903	05/01/13	5	23	24	\$4.62	\$ 21.76	\$20.59	2903	0 \$	- \$	14.26	\$11.64
2904	05/01/13	5	24	23	\$2.90	\$ 21.48	\$20.33	2904	0 \$	- \$	14.26	\$7.29
2905	05/02/13	5	1	23	\$1.46	\$ 21.48	\$20.19	2905	0 \$	- \$	14.25	\$3.68
2906	05/02/13	5	2	22	\$1.11	\$ 21.32	\$20.19	2906	0 \$	- \$	14.25	\$2.80
2907	05/02/13	5	3	22	\$1.31	\$ 21.32	\$20.19	2907	0 \$	- \$	14.24	\$3.30
2908	05/02/13	5	4	22	\$1.35	\$ 21.32	\$20.19	2908	0 \$	- \$	14.24	\$3.41
2909	05/02/13	5	5	22	\$1.43	\$ 21.32	\$20.19	2909	0 \$	- \$	14.23	\$3.60
2910	05/02/13	5	6	24	\$3.06	\$ 21.76	\$20.33	2910	0 \$	- \$	14.23	\$7.71
2911	05/02/13	5	7	25	\$6.00	\$ 22.23	\$21.03	2911	0 \$	- \$	14.22	\$15.11
2912	05/02/13	5	8	26	\$8.62	\$ 22.95	\$21.75	2912	0 \$	- \$	14.22	\$21.69

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2913	05/02/13	5	9	27	\$8.69	\$ 24.09	\$21.75	2913	0 \$	- \$	14.21	\$21.87
2914	05/02/13	5	10	27	\$8.33	\$ 24.09	\$21.75	2914	0 \$	- \$	14.21	\$20.97
2915	05/02/13	5	11	27	\$8.95	\$ 24.09	\$21.75	2915	0 \$	- \$	14.20	\$22.54
2916	05/02/13	5	12	27	\$8.87	\$ 24.09	\$22.90	2916	0 \$	- \$	14.20	\$22.32
2917	05/02/13	5	13	27	\$8.79	\$ 24.09	\$21.75	2917	0 \$	- \$	14.19	\$22.13
2918	05/02/13	5	14	27	\$9.17	\$ 24.09	\$21.75	2918	0 \$	- \$	14.19	\$23.09
2919	05/02/13	5	15	27	\$9.19	\$ 24.09	\$21.75	2919	0 \$	- \$	14.19	\$23.14
2920	05/02/13	5	16	26	\$9.50	\$ 22.95	\$21.75	2920	0 \$	- \$	14.18	\$23.90
2921	05/02/13	5	17	26	\$9.96	\$ 22.95	\$21.03	2921	0 \$	- \$	14.18	\$25.08
2922	05/02/13	5	18	26	\$10.24	\$ 22.95	\$21.03	2922	0 \$	- \$	14.17	\$25.78
2923	05/02/13	5	19	26	\$10.21	\$ 22.95	\$21.03	2923	0 \$	- \$	14.17	\$25.69
2924	05/02/13	5	20	25	\$11.37	\$ 22.23	\$21.03	2924	0 \$	- \$	14.16	\$28.61
2925	05/02/13	5	21	26	\$11.97	\$ 22.95	\$21.75	2925	0 \$	- \$	14.16	\$30.12
2926	05/02/13	5	22	26	\$10.29	\$ 22.95	\$21.03	2926	0 \$	- \$	14.15	\$25.90
2927	05/02/13	5	23	25	\$7.60	\$ 22.23	\$20.59	2927	0 \$	- \$	14.15	\$19.12
2928	05/02/13	5	24	23	\$6.58	\$ 21.48	\$20.33	2928	0 \$	- \$	14.14	\$16.56
2929	05/03/13	5	1	23	\$5.38	\$ 21.48	\$20.19	2929	0 \$	- \$	14.14	\$13.53
2930	05/03/13	5	2	22	\$4.74	\$ 21.32	\$20.19	2930	0 \$	- \$	14.13	\$11.94
2931	05/03/13	5	3	22	\$4.82	\$ 21.32	\$20.19	2931	0 \$	- \$	14.13	\$12.13
2932	05/03/13	5	4	23	\$4.31	\$ 21.48	\$20.19	2932	0 \$	- \$	14.12	\$10.85
2933	05/03/13	5	5	23	\$4.85	\$ 21.48	\$20.33	2933	0 \$	- \$	14.12	\$12.22
2934	05/03/13	5	6	24	\$5.99	\$ 21.76	\$20.59	2934	0 \$	- \$	14.11	\$15.07
2935	05/03/13	5	7	25	\$9.09	\$ 22.23	\$21.03	2935	0 \$	- \$	14.11	\$22.88
2936	05/03/13	5	8	26	\$12.31	\$ 22.95	\$21.75	2936	0 \$	- \$	14.10	\$30.98
2937	05/03/13	5	9	27	\$11.98	\$ 24.09	\$21.75	2937	0 \$	- \$	14.10	\$30.16
2938	05/03/13	5	10	27	\$10.68	\$ 24.09	\$21.75	2938	0 \$	- \$	14.09	\$26.88
2939	05/03/13	5	11	26	\$10.23	\$ 22.95	\$21.03	2939	0 \$	- \$	14.09	\$25.75
2940	05/03/13	5	12	25	\$9.84	\$ 22.23	\$20.59	2940	0 \$	- \$	14.08	\$24.77
2941	05/03/13	5	13	25	\$9.22	\$ 22.23	\$20.59	2941	0 \$	- \$	14.08	\$23.20
2942	05/03/13	5	14	26	\$8.97	\$ 22.95	\$21.03	2942	0 \$	- \$	14.07	\$22.59
2943	05/03/13	5	15	26	\$8.17	\$ 22.95	\$21.03	2943	0 \$	- \$	14.07	\$20.57
2944	05/03/13	5	16	26	\$7.76	\$ 22.95	\$21.03	2944	0 \$	- \$	14.06	\$19.53
2945	05/03/13	5	17	26	\$8.38	\$ 22.95	\$21.03	2945	0 \$	- \$	14.06	\$21.09
2946	05/03/13	5	18	25	\$8.09	\$ 22.23	\$21.03	2946	0 \$	- \$	14.06	\$20.36
2947	05/03/13	5	19	25	\$8.12	\$ 22.23	\$21.03	2947	0 \$	- \$	14.05	\$20.43
2948	05/03/13	5	20	25	\$10.04	\$ 22.23	\$20.59	2948	0 \$	- \$	14.05	\$25.26
2949	05/03/13	5	21	25	\$10.76	\$ 22.23	\$21.03	2949	0 \$	- \$	14.04	\$27.08
2950	05/03/13	5	22	25	\$8.69	\$ 22.23	\$20.59	2950	0 \$	- \$	14.04	\$21.87
2951	05/03/13	5	23	24	\$6.60	\$ 21.76	\$20.33	2951	0 \$	- \$	14.03	\$16.61
2952	05/03/13	5	24	23	\$4.58	\$ 21.48	\$20.19	2952	0 \$	- \$	14.03	\$11.52
2953	05/04/13	5	1	23	\$5.39	\$ 21.48	\$20.19	2953	0 \$	- \$	14.02	\$13.57
2954	05/04/13	5	2	22	\$4.80	\$ 21.32	\$20.19	2954	0 \$	- \$	14.02	\$12.09
2955	05/04/13	5	3	22	\$4.45	\$ 21.32	\$20.19	2955	0 \$	- \$	14.01	\$11.21
2956	05/04/13	5	4	22	\$4.24	\$ 21.32	\$20.19	2956	0 \$	- \$	14.01	\$10.67
2957	05/04/13	5	5	22	\$4.46	\$ 21.32	\$20.19	2957	0 \$	- \$	14.00	\$11.22
2958	05/04/13	5	6	22	\$5.24	\$ 21.32	\$20.19	2958	0 \$	- \$	14.00	\$13.18
2959	05/04/13	5	7	23	\$7.10	\$ 21.48	\$20.19	2959	0 \$	- \$	13.99	\$17.87
2960	05/04/13	5	8	23	\$9.44	\$ 21.48	\$20.33	2960	0 \$	- \$	13.99	\$23.75
2961	05/04/13	5	9	24	\$11.93	\$ 21.76	\$20.59	2961	0 \$	- \$	13.98	\$30.04
2962	05/04/13	5	10	24	\$11.99	\$ 21.76	\$20.59	2962	0 \$	- \$	13.98	\$30.17
2963	05/04/13	5	11	24	\$13.15	\$ 21.76	\$20.59	2963	0 \$	- \$	13.97	\$33.10
2964	05/04/13	5	12	24	\$12.21	\$ 21.76	\$20.59	2964	0 \$	- \$	13.97	\$30.73
2965	05/04/13	5	13	24	\$12.42	\$ 21.76	\$20.59	2965	0 \$	- \$	13.97	\$31.26
2966	05/04/13	5	14	23	\$10.77	\$ 21.48	\$20.33	2966	0 \$	- \$	13.96	\$27.12
2967	05/04/13	5	15	23	\$10.50	\$ 21.48	\$20.33	2967	0 \$	- \$	13.96	\$26.44
2968	05/04/13	5	16	23	\$10.39	\$ 21.48	\$20.33	2968	0 \$	- \$	13.95	\$26.14

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
2969	05/04/13	5	17	23	\$10.33	\$ 21.48	\$20.33	2969	0 \$	- \$	13.95	\$25.99
2970	05/04/13	5	18	23	\$10.75	\$ 21.48	\$20.33	2970	0 \$	- \$	13.94	\$27.05
2971	05/04/13	5	19	23	\$10.66	\$ 21.48	\$20.33	2971	0 \$	- \$	13.94	\$26.82
2972	05/04/13	5	20	23	\$12.86	\$ 21.48	\$20.33	2972	0 \$	- \$	13.93	\$32.36
2973	05/04/13	5	21	23	\$13.34	\$ 21.48	\$20.33	2973	0 \$	- \$	13.93	\$33.57
2974	05/04/13	5	22	23	\$11.66	\$ 21.48	\$20.33	2974	0 \$	- \$	13.92	\$29.34
2975	05/04/13	5	23	22	\$9.87	\$ 21.32	\$20.19	2975	0 \$	- \$	13.92	\$24.85
2976	05/04/13	5	24	21	\$9.01	\$ 21.25	\$20.13	2976	0 \$	- \$	13.91	\$22.69
2977	05/05/13	5	1	20	\$7.30	\$ 21.22	\$20.10	2977	0 \$	- \$	13.91	\$18.38
2978	05/05/13	5	2	20	\$7.50	\$ 21.22	\$20.10	2978	0 \$	- \$	13.90	\$18.88
2979	05/05/13	5	3	20	\$7.83	\$ 21.22	\$20.10	2979	0 \$	- \$	13.90	\$19.71
2980	05/05/13	5	4	19	\$7.69	\$ 21.20	\$20.10	2980	0 \$	- \$	13.89	\$19.35
2981	05/05/13	5	5	20	\$7.58	\$ 21.22	\$20.10	2981	0 \$	- \$	13.89	\$19.07
2982	05/05/13	5	6	20	\$7.92	\$ 21.22	\$20.10	2982	0 \$	- \$	13.89	\$19.93
2983	05/05/13	5	7	20	\$8.83	\$ 21.22	\$20.10	2983	0 \$	- \$	13.88	\$22.23
2984	05/05/13	5	8	21	\$9.68	\$ 21.25	\$20.13	2984	0 \$	- \$	13.88	\$24.37
2985	05/05/13	5	9	21	\$11.45	\$ 21.25	\$20.13	2985	0 \$	- \$	13.87	\$28.81
2986	05/05/13	5	10	21	\$12.38	\$ 21.25	\$20.13	2986	0 \$	- \$	13.87	\$31.16
2987	05/05/13	5	11	22	\$12.52	\$ 21.32	\$20.19	2987	0 \$	- \$	13.86	\$31.52
2988	05/05/13	5	12	22	\$12.13	\$ 21.32	\$20.19	2988	0 \$	- \$	13.86	\$30.52
2989	05/05/13	5	13	22	\$12.23	\$ 21.32	\$20.19	2989	0 \$	- \$	13.85	\$30.78
2990	05/05/13	5	14	22	\$11.10	\$ 21.32	\$20.19	2990	0 \$	- \$	13.85	\$27.93
2991	05/05/13	5	15	21	\$10.68	\$ 21.25	\$20.13	2991	0 \$	- \$	13.84	\$26.88
2992	05/05/13	5	16	21	\$10.77	\$ 21.25	\$20.13	2992	0 \$	- \$	13.84	\$27.10
2993	05/05/13	5	17	22	\$11.86	\$ 21.32	\$20.19	2993	0 \$	- \$	13.83	\$29.85
2994	05/05/13	5	18	22	\$12.88	\$ 21.32	\$20.19	2994	0 \$	- \$	13.83	\$32.43
2995	05/05/13	5	19	22	\$13.37	\$ 21.32	\$20.19	2995	0 \$	- \$	13.83	\$33.66
2996	05/05/13	5	20	22	\$15.70	\$ 21.32	\$20.19	2996	0 \$	- \$	13.82	\$39.51
2997	05/05/13	5	21	23	\$17.36	\$ 21.48	\$20.33	2997	0 \$	- \$	13.82	\$43.70
2998	05/05/13	5	22	23	\$12.98	\$ 21.48	\$20.33	2998	0 \$	- \$	13.81	\$32.68
2999	05/05/13	5	23	22	\$9.33	\$ 21.32	\$20.19	2999	0 \$	- \$	13.81	\$23.48
3000	05/05/13	5	24	21	\$9.14	\$ 21.25	\$20.13	3000	0 \$	- \$	13.80	\$23.01
3001	05/06/13	5	1	20	\$8.78	\$ 21.22	\$20.10	3001	0 \$	- \$	13.80	\$22.10
3002	05/06/13	5	2	20	\$8.56	\$ 21.22	\$20.10	3002	0 \$	- \$	13.79	\$21.55
3003	05/06/13	5	3	20	\$8.54	\$ 21.22	\$20.10	3003	0 \$	- \$	13.79	\$21.49
3004	05/06/13	5	4	20	\$8.57	\$ 21.22	\$20.10	3004	0 \$	- \$	13.78	\$21.58
3005	05/06/13	5	5	20	\$8.80	\$ 21.22	\$20.10	3005	0 \$	- \$	13.78	\$22.15
3006	05/06/13	5	6	22	\$10.14	\$ 21.32	\$20.19	3006	0 \$	- \$	13.77	\$25.53
3007	05/06/13	5	7	23	\$13.08	\$ 21.48	\$20.33	3007	0 \$	- \$	13.77	\$32.92
3008	05/06/13	5	8	25	\$16.25	\$ 22.23	\$21.03	3008	0 \$	- \$	13.77	\$40.90
3009	05/06/13	5	9	25	\$16.43	\$ 22.23	\$21.03	3009	0 \$	- \$	13.76	\$41.35
3010	05/06/13	5	10	25	\$16.70	\$ 22.23	\$21.03	3010	0 \$	- \$	13.76	\$42.04
3011	05/06/13	5	11	26	\$18.54	\$ 22.95	\$21.03	3011	0 \$	- \$	13.75	\$46.66
3012	05/06/13	5	12	26	\$18.62	\$ 22.95	\$21.03	3012	0 \$	- \$	13.75	\$46.86
3013	05/06/13	5	13	26	\$17.85	\$ 22.95	\$21.03	3013	0 \$	- \$	13.74	\$44.92
3014	05/06/13	5	14	26	\$17.95	\$ 22.95	\$21.03	3014	0 \$	- \$	13.74	\$45.19
3015	05/06/13	5	15	26	\$17.32	\$ 22.95	\$21.75	3015	0 \$	- \$	13.73	\$43.60
3016	05/06/13	5	16	25	\$15.48	\$ 22.23	\$21.03	3016	0 \$	- \$	13.73	\$38.97
3017	05/06/13	5	17	25	\$15.05	\$ 22.23	\$21.03	3017	0 \$	- \$	13.72	\$37.88
3018	05/06/13	5	18	25	\$14.14	\$ 22.23	\$21.03	3018	0 \$	- \$	13.72	\$35.59
3019	05/06/13	5	19	25	\$13.91	\$ 22.23	\$20.59	3019	0 \$	- \$	13.72	\$35.00
3020	05/06/13	5	20	25	\$16.81	\$ 22.23	\$21.03	3020	0 \$	- \$	13.71	\$42.32
3021	05/06/13	5	21	26	\$17.53	\$ 22.95	\$21.75	3021	0 \$	- \$	13.71	\$44.12
3022	05/06/13	5	22	25	\$13.50	\$ 22.23	\$21.03	3022	0 \$	- \$	13.70	\$33.99
3023	05/06/13	5	23	23	\$10.71	\$ 21.48	\$20.33	3023	0 \$	- \$	13.70	\$26.96
3024	05/06/13	5	24	21	\$9.63	\$ 21.25	\$20.13	3024	0 \$	- \$	13.69	\$24.24

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3025	05/07/13	5	1	21	\$9.38	\$ 21.25	\$20.13	3025	0 \$	- \$	13.69	\$23.61
3026	05/07/13	5	2	20	\$8.70	\$ 21.22	\$20.10	3026	0 \$	- \$	13.68	\$21.91
3027	05/07/13	5	3	20	\$8.61	\$ 21.22	\$20.10	3027	0 \$	- \$	13.68	\$21.68
3028	05/07/13	5	4	19	\$8.59	\$ 21.20	\$20.09	3028	0 \$	- \$	13.67	\$21.63
3029	05/07/13	5	5	19	\$8.94	\$ 21.20	\$20.09	3029	0 \$	- \$	13.67	\$22.51
3030	05/07/13	5	6	20	\$10.76	\$ 21.22	\$20.10	3030	0 \$	- \$	13.67	\$27.08
3031	05/07/13	5	7	21	\$13.69	\$ 21.25	\$20.13	3031	0 \$	- \$	13.66	\$34.47
3032	05/07/13	5	8	23	\$15.65	\$ 21.48	\$20.19	3032	0 \$	- \$	13.66	\$39.38
3033	05/07/13	5	9	23	\$15.66	\$ 21.48	\$20.33	3033	0 \$	- \$	13.65	\$39.41
3034	05/07/13	5	10	24	\$16.44	\$ 21.76	\$20.59	3034	0 \$	- \$	13.65	\$41.38
3035	05/07/13	5	11	25	\$16.76	\$ 22.23	\$20.59	3035	0 \$	- \$	13.64	\$42.19
3036	05/07/13	5	12	25	\$16.71	\$ 22.23	\$21.03	3036	0 \$	- \$	13.64	\$42.05
3037	05/07/13	5	13	25	\$16.63	\$ 22.23	\$21.03	3037	0 \$	- \$	13.63	\$41.87
3038	05/07/13	5	14	25	\$17.00	\$ 22.23	\$21.03	3038	0 \$	- \$	13.63	\$42.80
3039	05/07/13	5	15	25	\$17.14	\$ 22.23	\$21.03	3039	0 \$	- \$	13.63	\$43.15
3040	05/07/13	5	16	25	\$16.81	\$ 22.23	\$21.03	3040	0 \$	- \$	13.62	\$42.31
3041	05/07/13	5	17	24	\$15.80	\$ 21.76	\$20.59	3041	0 \$	- \$	13.62	\$39.77
3042	05/07/13	5	18	24	\$13.89	\$ 21.76	\$20.59	3042	0 \$	- \$	13.61	\$34.97
3043	05/07/13	5	19	24	\$13.89	\$ 21.76	\$20.59	3043	0 \$	- \$	13.61	\$34.96
3044	05/07/13	5	20	24	\$16.88	\$ 21.76	\$20.59	3044	0 \$	- \$	13.60	\$42.50
3045	05/07/13	5	21	24	\$17.37	\$ 21.76	\$20.59	3045	0 \$	- \$	13.60	\$43.73
3046	05/07/13	5	22	24	\$12.88	\$ 21.76	\$20.59	3046	0 \$	- \$	13.59	\$32.43
3047	05/07/13	5	23	23	\$10.03	\$ 21.48	\$20.33	3047	0 \$	- \$	13.59	\$25.24
3048	05/07/13	5	24	22	\$8.98	\$ 21.32	\$20.33	3048	0 \$	- \$	13.58	\$22.61
3049	05/08/13	5	1	22	\$8.88	\$ 21.32	\$20.19	3049	0 \$	- \$	13.58	\$22.34
3050	05/08/13	5	2	22	\$8.52	\$ 21.32	\$20.19	3050	0 \$	- \$	13.58	\$21.44
3051	05/08/13	5	3	21	\$8.52	\$ 21.25	\$20.19	3051	0 \$	- \$	13.57	\$21.44
3052	05/08/13	5	4	21	\$8.48	\$ 21.25	\$20.19	3052	0 \$	- \$	13.57	\$21.35
3053	05/08/13	5	5	22	\$8.44	\$ 21.32	\$20.19	3053	0 \$	- \$	13.56	\$21.24
3054	05/08/13	5	6	23	\$8.93	\$ 21.48	\$20.33	3054	0 \$	- \$	13.56	\$22.47
3055	05/08/13	5	7	24	\$13.13	\$ 21.76	\$20.59	3055	0 \$	- \$	13.55	\$33.06
3056	05/08/13	5	8	25	\$15.12	\$ 22.23	\$21.03	3056	0 \$	- \$	13.55	\$38.05
3057	05/08/13	5	9	26	\$15.65	\$ 22.95	\$21.03	3057	0 \$	- \$	13.54	\$39.40
3058	05/08/13	5	10	26	\$16.47	\$ 22.95	\$21.75	3058	0 \$	- \$	13.54	\$41.46
3059	05/08/13	5	11	26	\$16.86	\$ 22.95	\$21.75	3059	0 \$	- \$	13.54	\$42.44
3060	05/08/13	5	12	27	\$16.62	\$ 24.09	\$21.75	3060	0 \$	- \$	13.53	\$41.84
3061	05/08/13	5	13	26	\$16.87	\$ 22.95	\$21.75	3061	0 \$	- \$	13.53	\$42.47
3062	05/08/13	5	14	26	\$17.12	\$ 22.95	\$21.75	3062	0 \$	- \$	13.52	\$43.10
3063	05/08/13	5	15	27	\$17.84	\$ 24.09	\$22.90	3063	0 \$	- \$	13.52	\$44.90
3064	05/08/13	5	16	26	\$16.99	\$ 22.95	\$21.75	3064	0 \$	- \$	13.51	\$42.76
3065	05/08/13	5	17	26	\$16.64	\$ 22.95	\$21.75	3065	0 \$	- \$	13.51	\$41.89
3066	05/08/13	5	18	26	\$15.10	\$ 22.95	\$21.75	3066	0 \$	- \$	13.51	\$38.02
3067	05/08/13	5	19	25	\$13.53	\$ 22.23	\$21.03	3067	0 \$	- \$	13.50	\$34.06
3068	05/08/13	5	20	25	\$15.96	\$ 22.23	\$21.03	3068	0 \$	- \$	13.50	\$40.16
3069	05/08/13	5	21	26	\$16.44	\$ 22.95	\$21.75	3069	0 \$	- \$	13.49	\$41.39
3070	05/08/13	5	22	25	\$13.56	\$ 22.23	\$21.03	3070	0 \$	- \$	13.49	\$34.12
3071	05/08/13	5	23	24	\$10.99	\$ 21.76	\$20.59	3071	0 \$	- \$	13.48	\$27.66
3072	05/08/13	5	24	23	\$9.07	\$ 21.48	\$20.33	3072	0 \$	- \$	13.48	\$22.82
3073	05/09/13	5	1	22	\$8.72	\$ 21.32	\$20.19	3073	0 \$	- \$	13.47	\$21.96
3074	05/09/13	5	2	21	\$8.43	\$ 21.25	\$20.19	3074	0 \$	- \$	13.47	\$21.21
3075	05/09/13	5	3	21	\$8.49	\$ 21.25	\$20.13	3075	0 \$	- \$	13.47	\$21.36
3076	05/09/13	5	4	21	\$8.44	\$ 21.25	\$20.13	3076	0 \$	- \$	13.46	\$21.25
3077	05/09/13	5	5	21	\$8.66	\$ 21.25	\$20.13	3077	0 \$	- \$	13.46	\$21.79
3078	05/09/13	5	6	23	\$9.07	\$ 21.48	\$20.33	3078	0 \$	- \$	13.45	\$22.82
3079	05/09/13	5	7	24	\$11.76	\$ 21.76	\$20.59	3079	0 \$	- \$	13.45	\$29.61
3080	05/09/13	5	8	25	\$13.12	\$ 22.23	\$21.03	3080	0 \$	- \$	13.44	\$33.03

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3081	05/09/13	5	9	26	\$13.18	\$ 22.95	\$21.75	3081	0 \$	- \$	13.44	\$33.18
3082	05/09/13	5	10	26	\$13.85	\$ 22.95	\$21.75	3082	0 \$	- \$	13.43	\$34.86
3083	05/09/13	5	11	27	\$13.40	\$ 24.09	\$21.75	3083	0 \$	- \$	13.43	\$33.73
3084	05/09/13	5	12	26	\$12.88	\$ 22.95	\$21.75	3084	0 \$	- \$	13.43	\$32.41
3085	05/09/13	5	13	26	\$13.55	\$ 22.95	\$21.75	3085	0 \$	- \$	13.42	\$34.11
3086	05/09/13	5	14	26	\$13.48	\$ 22.95	\$21.75	3086	0 \$	- \$	13.42	\$33.92
3087	05/09/13	5	15	26	\$12.59	\$ 22.95	\$21.75	3087	0 \$	- \$	13.41	\$31.68
3088	05/09/13	5	16	26	\$12.09	\$ 22.95	\$21.03	3088	0 \$	- \$	13.41	\$30.44
3089	05/09/13	5	17	25	\$10.85	\$ 22.23	\$21.03	3089	0 \$	- \$	13.40	\$27.32
3090	05/09/13	5	18	25	\$10.28	\$ 22.23	\$21.03	3090	0 \$	- \$	13.40	\$25.87
3091	05/09/13	5	19	25	\$8.91	\$ 22.23	\$21.03	3091	0 \$	- \$	13.40	\$22.42
3092	05/09/13	5	20	25	\$9.93	\$ 22.23	\$21.03	3092	0 \$	- \$	13.39	\$24.99
3093	05/09/13	5	21	25	\$11.56	\$ 22.23	\$21.03	3093	0 \$	- \$	13.39	\$29.10
3094	05/09/13	5	22	25	\$9.87	\$ 22.23	\$21.03	3094	0 \$	- \$	13.38	\$24.85
3095	05/09/13	5	23	23	\$7.79	\$ 21.48	\$20.33	3095	0 \$	- \$	13.38	\$19.62
3096	05/09/13	5	24	22	\$6.78	\$ 21.32	\$20.19	3096	0 \$	- \$	13.37	\$17.07
3097	05/10/13	5	1	21	\$5.61	\$ 21.25	\$20.13	3097	0 \$	- \$	13.37	\$14.13
3098	05/10/13	5	2	21	\$5.35	\$ 21.25	\$20.10	3098	0 \$	- \$	13.37	\$13.46
3099	05/10/13	5	3	20	\$5.53	\$ 21.22	\$20.10	3099	0 \$	- \$	13.36	\$13.92
3100	05/10/13	5	4	20	\$5.78	\$ 21.22	\$20.10	3100	0 \$	- \$	13.36	\$14.55
3101	05/10/13	5	5	21	\$5.94	\$ 21.25	\$20.10	3101	0 \$	- \$	13.35	\$14.94
3102	05/10/13	5	6	21	\$7.76	\$ 21.25	\$20.13	3102	0 \$	- \$	13.35	\$19.53
3103	05/10/13	5	7	21	\$11.74	\$ 21.25	\$20.13	3103	0 \$	- \$	13.34	\$29.55
3104	05/10/13	5	8	23	\$14.27	\$ 21.48	\$20.19	3104	0 \$	- \$	13.34	\$35.91
3105	05/10/13	5	9	24	\$15.10	\$ 21.76	\$20.33	3105	0 \$	- \$	13.34	\$38.01
3106	05/10/13	5	10	23	\$15.18	\$ 21.48	\$20.33	3106	0 \$	- \$	13.33	\$38.21
3107	05/10/13	5	11	24	\$15.76	\$ 21.76	\$20.33	3107	0 \$	- \$	13.33	\$39.67
3108	05/10/13	5	12	25	\$15.77	\$ 22.23	\$20.59	3108	0 \$	- \$	13.32	\$39.69
3109	05/10/13	5	13	25	\$16.35	\$ 22.23	\$21.03	3109	0 \$	- \$	13.32	\$41.15
3110	05/10/13	5	14	25	\$16.01	\$ 22.23	\$21.03	3110	0 \$	- \$	13.31	\$40.30
3111	05/10/13	5	15	25	\$15.88	\$ 22.23	\$21.03	3111	0 \$	- \$	13.31	\$39.98
3112	05/10/13	5	16	24	\$14.80	\$ 21.76	\$20.59	3112	0 \$	- \$	13.31	\$37.25
3113	05/10/13	5	17	24	\$14.01	\$ 21.76	\$20.59	3113	0 \$	- \$	13.30	\$35.27
3114	05/10/13	5	18	23	\$12.99	\$ 21.48	\$20.33	3114	0 \$	- \$	13.30	\$32.69
3115	05/10/13	5	19	23	\$12.99	\$ 21.48	\$20.33	3115	0 \$	- \$	13.29	\$32.70
3116	05/10/13	5	20	23	\$13.57	\$ 21.48	\$20.33	3116	0 \$	- \$	13.29	\$34.15
3117	05/10/13	5	21	24	\$15.86	\$ 21.76	\$20.59	3117	0 \$	- \$	13.28	\$39.93
3118	05/10/13	5	22	24	\$13.62	\$ 21.76	\$20.59	3118	0 \$	- \$	13.28	\$34.29
3119	05/10/13	5	23	23	\$11.68	\$ 21.48	\$20.33	3119	0 \$	- \$	13.28	\$29.40
3120	05/10/13	5	24	21	\$8.32	\$ 21.25	\$20.19	3120	0 \$	- \$	13.27	\$20.93
3121	05/11/13	5	1	21	\$7.90	\$ 21.25	\$20.13	3121	0 \$	- \$	13.27	\$19.89
3122	05/11/13	5	2	20	\$7.59	\$ 21.22	\$20.10	3122	0 \$	- \$	13.26	\$19.11
3123	05/11/13	5	3	20	\$6.40	\$ 21.22	\$20.10	3123	0 \$	- \$	13.26	\$16.12
3124	05/11/13	5	4	19	\$6.07	\$ 21.20	\$20.09	3124	0 \$	- \$	13.25	\$15.28
3125	05/11/13	5	5	19	\$4.79	\$ 21.20	\$20.09	3125	0 \$	- \$	13.25	\$12.05
3126	05/11/13	5	6	20	\$3.46	\$ 21.22	\$20.10	3126	0 \$	- \$	13.25	\$8.70
3127	05/11/13	5	7	19	\$3.60	\$ 21.20	\$20.09	3127	0 \$	- \$	13.24	\$9.05
3128	05/11/13	5	8	21	\$4.72	\$ 21.25	\$20.10	3128	0 \$	- \$	13.24	\$11.87
3129	05/11/13	5	9	21	\$5.75	\$ 21.25	\$20.13	3129	0 \$	- \$	13.23	\$14.48
3130	05/11/13	5	10	21	\$5.53	\$ 21.25	\$20.13	3130	0 \$	- \$	13.23	\$13.92
3131	05/11/13	5	11	22	\$5.59	\$ 21.32	\$20.13	3131	0 \$	- \$	13.22	\$14.06
3132	05/11/13	5	12	22	\$5.30	\$ 21.32	\$20.19	3132	0 \$	- \$	13.22	\$13.33
3133	05/11/13	5	13	22	\$4.80	\$ 21.32	\$20.13	3133	0 \$	- \$	13.22	\$12.08
3134	05/11/13	5	14	21	\$4.36	\$ 21.25	\$20.13	3134	0 \$	- \$	13.21	\$10.98
3135	05/11/13	5	15	21	\$4.18	\$ 21.25	\$20.13	3135	0 \$	- \$	13.21	\$10.52
3136	05/11/13	5	16	21	\$4.39	\$ 21.25	\$20.13	3136	0 \$	- \$	13.20	\$11.06

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3137	05/11/13	5	17	21	\$5.12	\$ 21.25	\$20.13	3137	0 \$	- \$	13.20	\$12.90
3138	05/11/13	5	18	21	\$5.82	\$ 21.25	\$20.13	3138	0 \$	- \$	13.20	\$14.64
3139	05/11/13	5	19	20	\$6.17	\$ 21.22	\$20.10	3139	0 \$	- \$	13.19	\$15.54
3140	05/11/13	5	20	21	\$7.06	\$ 21.25	\$20.13	3140	0 \$	- \$	13.19	\$17.76
3141	05/11/13	5	21	21	\$11.39	\$ 21.25	\$20.13	3141	0 \$	- \$	13.18	\$28.68
3142	05/11/13	5	22	21	\$10.63	\$ 21.25	\$20.13	3142	0 \$	- \$	13.18	\$26.76
3143	05/11/13	5	23	21	\$9.37	\$ 21.25	\$20.13	3143	0 \$	- \$	13.17	\$23.58
3144	05/11/13	5	24	20	\$9.30	\$ 21.22	\$20.10	3144	0 \$	- \$	13.17	\$23.40
3145	05/12/13	5	1	19	\$8.78	\$ 21.20	\$20.09	3145	0 \$	- \$	13.17	\$22.09
3146	05/12/13	5	2	19	\$8.44	\$ 21.20	\$20.09	3146	0 \$	- \$	13.16	\$21.24
3147	05/12/13	5	3	19	\$8.33	\$ 21.20	\$20.09	3147	0 \$	- \$	13.16	\$20.96
3148	05/12/13	5	4	19	\$8.25	\$ 21.20	\$20.09	3148	0 \$	- \$	13.15	\$20.77
3149	05/12/13	5	5	19	\$8.26	\$ 21.20	\$20.09	3149	0 \$	- \$	13.15	\$20.79
3150	05/12/13	5	6	19	\$8.30	\$ 21.20	\$20.09	3150	0 \$	- \$	13.14	\$20.90
3151	05/12/13	5	7	19	\$8.98	\$ 21.20	\$20.09	3151	0 \$	- \$	13.14	\$22.60
3152	05/12/13	5	8	20	\$11.46	\$ 21.22	\$20.10	3152	0 \$	- \$	13.14	\$28.85
3153	05/12/13	5	9	20	\$13.98	\$ 21.22	\$20.10	3153	0 \$	- \$	13.13	\$35.18
3154	05/12/13	5	10	20	\$15.72	\$ 21.22	\$20.10	3154	0 \$	- \$	13.13	\$39.58
3155	05/12/13	5	11	21	\$13.17	\$ 21.25	\$20.13	3155	0 \$	- \$	13.12	\$33.15
3156	05/12/13	5	12	20	\$13.27	\$ 21.22	\$20.10	3156	0 \$	- \$	13.12	\$33.40
3157	05/12/13	5	13	20	\$11.73	\$ 21.22	\$20.13	3157	0 \$	- \$	13.12	\$29.53
3158	05/12/13	5	14	20	\$10.60	\$ 21.22	\$20.10	3158	0 \$	- \$	13.11	\$26.67
3159	05/12/13	5	15	20	\$10.21	\$ 21.22	\$20.10	3159	0 \$	- \$	13.11	\$25.69
3160	05/12/13	5	16	20	\$9.99	\$ 21.22	\$20.10	3160	0 \$	- \$	13.10	\$25.15
3161	05/12/13	5	17	20	\$10.85	\$ 21.22	\$20.10	3161	0 \$	- \$	13.10	\$27.32
3162	05/12/13	5	18	20	\$10.87	\$ 21.22	\$20.10	3162	0 \$	- \$	13.10	\$27.36
3163	05/12/13	5	19	20	\$11.04	\$ 21.22	\$20.13	3163	0 \$	- \$	13.09	\$27.80
3164	05/12/13	5	20	21	\$14.04	\$ 21.25	\$20.13	3164	0 \$	- \$	13.09	\$35.35
3165	05/12/13	5	21	21	\$18.10	\$ 21.25	\$20.19	3165	0 \$	- \$	13.08	\$45.55
3166	05/12/13	5	22	22	\$14.50	\$ 21.32	\$20.19	3166	0 \$	- \$	13.08	\$36.49
3167	05/12/13	5	23	21	\$11.00	\$ 21.25	\$20.13	3167	0 \$	- \$	13.07	\$27.70
3168	05/12/13	5	24	20	\$9.27	\$ 21.22	\$20.10	3168	0 \$	- \$	13.07	\$23.34
3169	05/13/13	5	1	19	\$8.26	\$ 21.20	\$20.09	3169	0 \$	- \$	13.07	\$20.78
3170	05/13/13	5	2	19	\$7.83	\$ 21.20	\$20.09	3170	0 \$	- \$	13.06	\$19.71
3171	05/13/13	5	3	19	\$7.72	\$ 21.20	\$20.09	3171	0 \$	- \$	13.06	\$19.44
3172	05/13/13	5	4	19	\$7.19	\$ 21.20	\$20.09	3172	0 \$	- \$	13.05	\$18.09
3173	05/13/13	5	5	20	\$6.79	\$ 21.22	\$20.10	3173	0 \$	- \$	13.05	\$17.08
3174	05/13/13	5	6	21	\$7.35	\$ 21.25	\$20.13	3174	0 \$	- \$	13.05	\$18.49
3175	05/13/13	5	7	23	\$8.65	\$ 21.48	\$20.33	3175	0 \$	- \$	13.04	\$21.77
3176	05/13/13	5	8	24	\$10.89	\$ 21.76	\$20.59	3176	0 \$	- \$	13.04	\$27.40
3177	05/13/13	5	9	25	\$11.27	\$ 22.23	\$21.03	3177	0 \$	- \$	13.03	\$28.38
3178	05/13/13	5	10	25	\$10.22	\$ 22.23	\$21.03	3178	0 \$	- \$	13.03	\$25.72
3179	05/13/13	5	11	26	\$11.41	\$ 22.95	\$21.75	3179	0 \$	- \$	13.03	\$28.72
3180	05/13/13	5	12	26	\$10.82	\$ 22.95	\$21.75	3180	0 \$	- \$	13.02	\$27.23
3181	05/13/13	5	13	26	\$9.82	\$ 22.95	\$21.75	3181	0 \$	- \$	13.02	\$24.73
3182	05/13/13	5	14	27	\$9.09	\$ 24.09	\$22.90	3182	0 \$	- \$	13.01	\$22.88
3183	05/13/13	5	15	26	\$7.44	\$ 22.95	\$21.75	3183	0 \$	- \$	13.01	\$18.72
3184	05/13/13	5	16	25	\$7.12	\$ 22.23	\$21.75	3184	0 \$	- \$	13.00	\$17.93
3185	05/13/13	5	17	25	\$7.02	\$ 22.23	\$21.75	3185	0 \$	- \$	13.00	\$17.67
3186	05/13/13	5	18	25	\$6.80	\$ 22.23	\$21.75	3186	0 \$	- \$	13.00	\$17.11
3187	05/13/13	5	19	25	\$7.10	\$ 22.23	\$21.75	3187	0 \$	- \$	12.99	\$17.86
3188	05/13/13	5	20	25	\$9.54	\$ 22.23	\$21.03	3188	0 \$	- \$	12.99	\$24.01
3189	05/13/13	5	21	25	\$11.64	\$ 22.23	\$21.03	3189	0 \$	- \$	12.98	\$29.31
3190	05/13/13	5	22	24	\$8.06	\$ 21.76	\$20.59	3190	0 \$	- \$	12.98	\$20.29
3191	05/13/13	5	23	22	\$6.87	\$ 21.32	\$20.33	3191	0 \$	- \$	12.98	\$17.29
3192	05/13/13	5	24	21	\$6.26	\$ 21.25	\$20.13	3192	0 \$	- \$	12.97	\$15.75

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3193	05/14/13	5	1	20	\$6.11	\$ 21.22	\$20.13	3193	0 \$	- \$	12.97	\$15.38
3194	05/14/13	5	2	19	\$6.17	\$ 21.20	\$20.10	3194	0 \$	- \$	12.96	\$15.54
3195	05/14/13	5	3	19	\$6.28	\$ 21.20	\$20.10	3195	0 \$	- \$	12.96	\$15.80
3196	05/14/13	5	4	19	\$6.52	\$ 21.20	\$20.09	3196	0 \$	- \$	12.96	\$16.41
3197	05/14/13	5	5	20	\$7.21	\$ 21.22	\$20.10	3197	0 \$	- \$	12.95	\$18.15
3198	05/14/13	5	6	21	\$8.18	\$ 21.25	\$20.13	3198	0 \$	- \$	12.95	\$20.58
3199	05/14/13	5	7	22	\$11.47	\$ 21.32	\$20.19	3199	0 \$	- \$	12.94	\$28.86
3200	05/14/13	5	8	24	\$13.61	\$ 21.76	\$20.59	3200	0 \$	- \$	12.94	\$34.25
3201	05/14/13	5	9	23	\$13.41	\$ 21.48	\$20.33	3201	0 \$	- \$	12.94	\$33.76
3202	05/14/13	5	10	23	\$12.76	\$ 21.48	\$20.33	3202	0 \$	- \$	12.93	\$32.13
3203	05/14/13	5	11	24	\$12.91	\$ 21.76	\$20.59	3203	0 \$	- \$	12.93	\$32.49
3204	05/14/13	5	12	25	\$13.42	\$ 22.23	\$21.03	3204	0 \$	- \$	12.92	\$33.79
3205	05/14/13	5	13	25	\$11.47	\$ 22.23	\$21.03	3205	0 \$	- \$	12.92	\$28.88
3206	05/14/13	5	14	27	\$11.57	\$ 24.09	\$22.90	3206	0 \$	- \$	12.92	\$29.11
3207	05/14/13	5	15	28	\$11.07	\$ 25.89	\$24.69	3207	0 \$	- \$	12.91	\$27.86
3208	05/14/13	5	16	29	\$10.64	\$ 28.65	\$27.35	3208	0 \$	- \$	12.91	\$26.78
3209	05/14/13	5	17	31	\$10.04	\$ 38.08	\$43.07	3209	0 \$	- \$	12.90	\$25.27
3210	05/14/13	5	18	32	\$9.57	\$ 45.72	\$43.07	3210	0 \$	- \$	12.90	\$24.10
3211	05/14/13	5	19	32	\$8.98	\$ 45.72	\$43.07	3211	0 \$	- \$	12.90	\$22.61
3212	05/14/13	5	20	31	\$9.44	\$ 38.08	\$43.07	3212	0 \$	- \$	12.89	\$23.77
3213	05/14/13	5	21	31	\$10.75	\$ 38.08	\$36.21	3213	0 \$	- \$	12.89	\$27.07
3214	05/14/13	5	22	31	\$9.09	\$ 38.08	\$36.21	3214	0 \$	- \$	12.88	\$22.87
3215	05/14/13	5	23	29	\$7.43	\$ 28.65	\$27.35	3215	0 \$	- \$	12.88	\$18.69
3216	05/14/13	5	24	27	\$7.10	\$ 24.09	\$22.90	3216	0 \$	- \$	12.88	\$17.87
3217	05/15/13	5	1	25	\$6.10	\$ 22.23	\$21.03	3217	0 \$	- \$	12.87	\$15.36
3218	05/15/13	5	2	24	\$5.55	\$ 21.76	\$21.03	3218	0 \$	- \$	12.87	\$13.98
3219	05/15/13	5	3	24	\$5.89	\$ 21.76	\$20.59	3219	0 \$	- \$	12.86	\$14.82
3220	05/15/13	5	4	23	\$6.32	\$ 21.48	\$20.33	3220	0 \$	- \$	12.86	\$15.92
3221	05/15/13	5	5	23	\$6.81	\$ 21.48	\$20.33	3221	0 \$	- \$	12.86	\$17.15
3222	05/15/13	5	6	24	\$7.74	\$ 21.76	\$20.59	3222	0 \$	- \$	12.85	\$19.49
3223	05/15/13	5	7	24	\$12.40	\$ 21.76	\$21.03	3223	0 \$	- \$	12.85	\$31.22
3224	05/15/13	5	8	26	\$14.84	\$ 22.95	\$21.75	3224	0 \$	- \$	12.84	\$37.35
3225	05/15/13	5	9	27	\$17.14	\$ 24.09	\$22.90	3225	0 \$	- \$	12.84	\$43.14
3226	05/15/13	5	10	27	\$15.20	\$ 24.09	\$22.90	3226	0 \$	- \$	12.84	\$38.25
3227	05/15/13	5	11	28	\$16.52	\$ 25.89	\$24.69	3227	0 \$	- \$	12.83	\$41.59
3228	05/15/13	5	12	28	\$17.40	\$ 25.89	\$24.69	3228	0 \$	- \$	12.83	\$43.79
3229	05/15/13	5	13	28	\$19.19	\$ 25.89	\$24.69	3229	0 \$	- \$	12.82	\$48.31
3230	05/15/13	5	14	29	\$21.43	\$ 28.65	\$27.35	3230	0 \$	- \$	12.82	\$53.93
3231	05/15/13	5	15	30	\$23.94	\$ 32.53	\$31.07	3231	0 \$	- \$	12.82	\$60.27
3232	05/15/13	5	16	30	\$22.76	\$ 32.53	\$31.07	3232	0 \$	- \$	12.81	\$57.29
3233	05/15/13	5	17	29	\$19.33	\$ 28.65	\$31.07	3233	0 \$	- \$	12.81	\$48.65
3234	05/15/13	5	18	29	\$17.69	\$ 28.65	\$31.07	3234	0 \$	- \$	12.80	\$44.52
3235	05/15/13	5	19	29	\$14.97	\$ 28.65	\$27.35	3235	0 \$	- \$	12.80	\$37.67
3236	05/15/13	5	20	28	\$15.94	\$ 25.89	\$27.35	3236	0 \$	- \$	12.80	\$40.13
3237	05/15/13	5	21	29	\$16.18	\$ 28.65	\$27.35	3237	0 \$	- \$	12.79	\$40.72
3238	05/15/13	5	22	28	\$13.81	\$ 25.89	\$24.69	3238	0 \$	- \$	12.79	\$34.77
3239	05/15/13	5	23	26	\$11.57	\$ 22.95	\$21.75	3239	0 \$	- \$	12.78	\$29.13
3240	05/15/13	5	24	24	\$10.42	\$ 21.76	\$20.59	3240	0 \$	- \$	12.78	\$26.24
3241	05/16/13	5	1	23	\$8.58	\$ 21.48	\$20.59	3241	0 \$	- \$	12.78	\$21.60
3242	05/16/13	5	2	22	\$8.18	\$ 21.32	\$20.33	3242	0 \$	- \$	12.77	\$20.60
3243	05/16/13	5	3	22	\$8.24	\$ 21.32	\$20.19	3243	0 \$	- \$	12.77	\$20.75
3244	05/16/13	5	4	22	\$8.18	\$ 21.32	\$20.19	3244	0 \$	- \$	12.76	\$20.59
3245	05/16/13	5	5	22	\$8.16	\$ 21.32	\$20.19	3245	0 \$	- \$	12.76	\$20.54
3246	05/16/13	5	6	23	\$9.55	\$ 21.48	\$20.33	3246	0 \$	- \$	12.76	\$24.05
3247	05/16/13	5	7	24	\$12.64	\$ 21.76	\$20.59	3247	0 \$	- \$	12.75	\$31.82
3248	05/16/13	5	8	25	\$13.89	\$ 22.23	\$21.03	3248	0 \$	- \$	12.75	\$34.95

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3249	05/16/13	5	9	26	\$14.81	\$ 22.95	\$21.75	3249	0 \$	- \$	12.74	\$37.29
3250	05/16/13	5	10	27	\$16.70	\$ 24.09	\$22.90	3250	0 \$	- \$	12.74	\$42.04
3251	05/16/13	5	11	28	\$17.31	\$ 25.89	\$24.69	3251	0 \$	- \$	12.74	\$43.57
3252	05/16/13	5	12	28	\$17.15	\$ 25.89	\$24.69	3252	0 \$	- \$	12.73	\$43.18
3253	05/16/13	5	13	29	\$17.28	\$ 28.65	\$27.35	3253	0 \$	- \$	12.73	\$43.50
3254	05/16/13	5	14	29	\$17.36	\$ 28.65	\$31.07	3254	0 \$	- \$	12.72	\$43.70
3255	05/16/13	5	15	30	\$17.37	\$ 32.53	\$31.07	3255	0 \$	- \$	12.72	\$43.73
3256	05/16/13	5	16	30	\$17.64	\$ 32.53	\$31.07	3256	0 \$	- \$	12.72	\$44.39
3257	05/16/13	5	17	29	\$18.21	\$ 28.65	\$27.35	3257	0 \$	- \$	12.71	\$45.83
3258	05/16/13	5	18	29	\$17.41	\$ 28.65	\$27.35	3258	0 \$	- \$	12.71	\$43.82
3259	05/16/13	5	19	29	\$14.50	\$ 28.65	\$27.35	3259	0 \$	- \$	12.71	\$36.51
3260	05/16/13	5	20	29	\$15.08	\$ 28.65	\$27.35	3260	0 \$	- \$	12.70	\$37.95
3261	05/16/13	5	21	29	\$17.17	\$ 28.65	\$27.35	3261	0 \$	- \$	12.70	\$43.23
3262	05/16/13	5	22	29	\$13.74	\$ 28.65	\$27.35	3262	0 \$	- \$	12.69	\$34.58
3263	05/16/13	5	23	27	\$9.66	\$ 24.09	\$22.90	3263	0 \$	- \$	12.69	\$24.32
3264	05/16/13	5	24	25	\$7.68	\$ 22.23	\$21.03	3264	0 \$	- \$	12.69	\$19.34
3265	05/17/13	5	1	24	\$7.39	\$ 21.76	\$20.59	3265	0 \$	- \$	12.68	\$18.59
3266	05/17/13	5	2	23	\$7.11	\$ 21.48	\$20.33	3266	0 \$	- \$	12.68	\$17.89
3267	05/17/13	5	3	23	\$7.00	\$ 21.48	\$20.33	3267	0 \$	- \$	12.67	\$17.61
3268	05/17/13	5	4	23	\$6.47	\$ 21.48	\$20.33	3268	0 \$	- \$	12.67	\$16.28
3269	05/17/13	5	5	23	\$6.51	\$ 21.48	\$20.33	3269	0 \$	- \$	12.67	\$16.38
3270	05/17/13	5	6	24	\$7.58	\$ 21.76	\$20.59	3270	0 \$	- \$	12.66	\$19.09
3271	05/17/13	5	7	25	\$8.95	\$ 22.23	\$21.03	3271	0 \$	- \$	12.66	\$22.52
3272	05/17/13	5	8	27	\$12.45	\$ 24.09	\$22.90	3272	0 \$	- \$	12.65	\$31.33
3273	05/17/13	5	9	28	\$13.60	\$ 25.89	\$22.90	3273	0 \$	- \$	12.65	\$34.22
3274	05/17/13	5	10	28	\$15.02	\$ 25.89	\$24.69	3274	0 \$	- \$	12.65	\$37.80
3275	05/17/13	5	11	27	\$16.09	\$ 24.09	\$22.90	3275	0 \$	- \$	12.64	\$40.51
3276	05/17/13	5	12	28	\$15.27	\$ 25.89	\$24.69	3276	0 \$	- \$	12.64	\$38.44
3277	05/17/13	5	13	28	\$14.73	\$ 25.89	\$24.69	3277	0 \$	- \$	12.64	\$37.08
3278	05/17/13	5	14	29	\$14.05	\$ 28.65	\$27.35	3278	0 \$	- \$	12.63	\$35.37
3279	05/17/13	5	15	30	\$15.17	\$ 32.53	\$31.07	3279	0 \$	- \$	12.63	\$38.19
3280	05/17/13	5	16	30	\$15.52	\$ 32.53	\$31.07	3280	0 \$	- \$	12.62	\$39.06
3281	05/17/13	5	17	30	\$15.17	\$ 32.53	\$31.07	3281	0 \$	- \$	12.62	\$38.19
3282	05/17/13	5	18	29	\$14.07	\$ 28.65	\$31.07	3282	0 \$	- \$	12.62	\$35.41
3283	05/17/13	5	19	29	\$13.13	\$ 28.65	\$31.07	3283	0 \$	- \$	12.61	\$33.04
3284	05/17/13	5	20	29	\$12.89	\$ 28.65	\$27.35	3284	0 \$	- \$	12.61	\$32.44
3285	05/17/13	5	21	28	\$14.58	\$ 25.89	\$27.35	3285	0 \$	- \$	12.60	\$36.71
3286	05/17/13	5	22	29	\$12.11	\$ 28.65	\$27.35	3286	0 \$	- \$	12.60	\$30.48
3287	05/17/13	5	23	27	\$9.32	\$ 24.09	\$22.90	3287	0 \$	- \$	12.60	\$23.45
3288	05/17/13	5	24	25	\$7.55	\$ 22.23	\$21.75	3288	0 \$	- \$	12.59	\$19.01
3289	05/18/13	5	1	24	\$7.50	\$ 21.76	\$21.03	3289	0 \$	- \$	12.59	\$18.88
3290	05/18/13	5	2	23	\$7.11	\$ 21.48	\$20.59	3290	0 \$	- \$	12.59	\$17.90
3291	05/18/13	5	3	23	\$7.04	\$ 21.48	\$20.59	3291	0 \$	- \$	12.58	\$17.72
3292	05/18/13	5	4	23	\$6.90	\$ 21.48	\$20.33	3292	0 \$	- \$	12.58	\$17.37
3293	05/18/13	5	5	23	\$7.05	\$ 21.48	\$20.33	3293	0 \$	- \$	12.57	\$17.75
3294	05/18/13	5	6	23	\$7.52	\$ 21.48	\$20.33	3294	0 \$	- \$	12.57	\$18.94
3295	05/18/13	5	7	23	\$7.63	\$ 21.48	\$20.33	3295	0 \$	- \$	12.57	\$19.21
3296	05/18/13	5	8	23	\$9.02	\$ 21.48	\$20.59	3296	0 \$	- \$	12.56	\$22.71
3297	05/18/13	5	9	25	\$10.89	\$ 22.23	\$21.03	3297	0 \$	- \$	12.56	\$27.41
3298	05/18/13	5	10	25	\$12.29	\$ 22.23	\$21.03	3298	0 \$	- \$	12.56	\$30.93
3299	05/18/13	5	11	26	\$12.52	\$ 22.95	\$21.75	3299	0 \$	- \$	12.55	\$31.52
3300	05/18/13	5	12	27	\$11.30	\$ 24.09	\$22.90	3300	0 \$	- \$	12.55	\$28.45
3301	05/18/13	5	13	27	\$10.20	\$ 24.09	\$24.69	3301	0 \$	- \$	12.54	\$25.67
3302	05/18/13	5	14	27	\$9.77	\$ 24.09	\$24.69	3302	0 \$	- \$	12.54	\$24.58
3303	05/18/13	5	15	28	\$9.60	\$ 25.89	\$24.69	3303	0 \$	- \$	12.54	\$24.17
3304	05/18/13	5	16	28	\$9.64	\$ 25.89	\$24.69	3304	0 \$	- \$	12.53	\$24.26

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3305	05/18/13	5	17	28	\$9.48	\$ 25.89	\$24.69	3305	0 \$	- \$	12.53	\$23.86
3306	05/18/13	5	18	28	\$9.35	\$ 25.89	\$24.69	3306	0 \$	- \$	12.52	\$23.53
3307	05/18/13	5	19	28	\$9.59	\$ 25.89	\$27.35	3307	0 \$	- \$	12.52	\$24.15
3308	05/18/13	5	20	27	\$9.06	\$ 24.09	\$24.69	3308	0 \$	- \$	12.52	\$22.81
3309	05/18/13	5	21	27	\$10.05	\$ 24.09	\$22.90	3309	0 \$	- \$	12.51	\$25.29
3310	05/18/13	5	22	27	\$9.22	\$ 24.09	\$24.69	3310	0 \$	- \$	12.51	\$23.20
3311	05/18/13	5	23	26	\$7.79	\$ 22.95	\$22.90	3311	0 \$	- \$	12.51	\$19.60
3312	05/18/13	5	24	24	\$6.18	\$ 21.76	\$21.03	3312	0 \$	- \$	12.50	\$15.55
3313	05/19/13	5	1	23	\$5.63	\$ 21.48	\$20.59	3313	0 \$	- \$	12.50	\$14.18
3314	05/19/13	5	2	22	\$4.57	\$ 21.32	\$20.33	3314	0 \$	- \$	12.49	\$11.50
3315	05/19/13	5	3	22	\$4.43	\$ 21.32	\$20.19	3315	0 \$	- \$	12.49	\$11.15
3316	05/19/13	5	4	21	\$4.41	\$ 21.25	\$20.19	3316	0 \$	- \$	12.49	\$11.09
3317	05/19/13	5	5	21	\$4.42	\$ 21.25	\$20.19	3317	0 \$	- \$	12.48	\$11.13
3318	05/19/13	5	6	21	\$5.36	\$ 21.25	\$20.19	3318	0 \$	- \$	12.48	\$13.48
3319	05/19/13	5	7	21	\$5.63	\$ 21.25	\$20.13	3319	0 \$	- \$	12.48	\$14.18
3320	05/19/13	5	8	22	\$7.04	\$ 21.32	\$20.19	3320	0 \$	- \$	12.47	\$17.72
3321	05/19/13	5	9	23	\$8.66	\$ 21.48	\$20.59	3321	0 \$	- \$	12.47	\$21.80
3322	05/19/13	5	10	24	\$9.10	\$ 21.76	\$20.59	3322	0 \$	- \$	12.46	\$22.90
3323	05/19/13	5	11	25	\$10.26	\$ 22.23	\$21.03	3323	0 \$	- \$	12.46	\$25.82
3324	05/19/13	5	12	25	\$9.38	\$ 22.23	\$21.03	3324	0 \$	- \$	12.46	\$23.61
3325	05/19/13	5	13	26	\$9.77	\$ 22.95	\$21.75	3325	0 \$	- \$	12.45	\$24.59
3326	05/19/13	5	14	26	\$10.65	\$ 22.95	\$21.75	3326	0 \$	- \$	12.45	\$26.80
3327	05/19/13	5	15	27	\$11.19	\$ 24.09	\$24.69	3327	0 \$	- \$	12.45	\$28.17
3328	05/19/13	5	16	27	\$11.91	\$ 24.09	\$22.90	3328	0 \$	- \$	12.44	\$29.98
3329	05/19/13	5	17	27	\$12.31	\$ 24.09	\$24.69	3329	0 \$	- \$	12.44	\$30.98
3330	05/19/13	5	18	28	\$13.83	\$ 25.89	\$24.69	3330	0 \$	- \$	12.43	\$34.81
3331	05/19/13	5	19	28	\$13.71	\$ 25.89	\$24.69	3331	0 \$	- \$	12.43	\$34.52
3332	05/19/13	5	20	27	\$13.69	\$ 24.09	\$22.90	3332	0 \$	- \$	12.43	\$34.45
3333	05/19/13	5	21	26	\$13.93	\$ 22.95	\$22.90	3333	0 \$	- \$	12.42	\$35.07
3334	05/19/13	5	22	25	\$12.33	\$ 22.23	\$21.75	3334	0 \$	- \$	12.42	\$31.03
3335	05/19/13	5	23	24	\$9.08	\$ 21.76	\$20.59	3335	0 \$	- \$	12.42	\$22.86
3336	05/19/13	5	24	23	\$7.76	\$ 21.48	\$20.33	3336	0 \$	- \$	12.41	\$19.53
3337	05/20/13	5	1	22	\$5.61	\$ 21.32	\$20.19	3337	0 \$	- \$	12.41	\$14.12
3338	05/20/13	5	2	21	\$5.07	\$ 21.25	\$20.13	3338	0 \$	- \$	12.40	\$12.75
3339	05/20/13	5	3	21	\$4.20	\$ 21.25	\$20.13	3339	0 \$	- \$	12.40	\$10.57
3340	05/20/13	5	4	21	\$3.92	\$ 21.25	\$20.13	3340	0 \$	- \$	12.40	\$9.87
3341	05/20/13	5	5	21	\$4.21	\$ 21.25	\$20.19	3341	0 \$	- \$	12.39	\$10.59
3342	05/20/13	5	6	23	\$6.33	\$ 21.48	\$20.33	3342	0 \$	- \$	12.39	\$15.93
3343	05/20/13	5	7	24	\$7.09	\$ 21.76	\$20.59	3343	0 \$	- \$	12.39	\$17.85
3344	05/20/13	5	8	26	\$7.57	\$ 22.95	\$21.75	3344	0 \$	- \$	12.38	\$19.06
3345	05/20/13	5	9	27	\$7.37	\$ 24.09	\$21.75	3345	0 \$	- \$	12.38	\$18.56
3346	05/20/13	5	10	28	\$7.22	\$ 25.89	\$22.90	3346	0 \$	- \$	12.37	\$18.18
3347	05/20/13	5	11	28	\$7.87	\$ 25.89	\$24.69	3347	0 \$	- \$	12.37	\$19.81
3348	05/20/13	5	12	28	\$7.76	\$ 25.89	\$24.69	3348	0 \$	- \$	12.37	\$19.54
3349	05/20/13	5	13	28	\$7.41	\$ 25.89	\$24.69	3349	0 \$	- \$	12.36	\$18.65
3350	05/20/13	5	14	28	\$7.76	\$ 25.89	\$24.69	3350	0 \$	- \$	12.36	\$19.53
3351	05/20/13	5	15	28	\$7.89	\$ 25.89	\$24.69	3351	0 \$	- \$	12.36	\$19.87
3352	05/20/13	5	16	28	\$8.14	\$ 25.89	\$24.69	3352	0 \$	- \$	12.35	\$20.48
3353	05/20/13	5	17	28	\$8.40	\$ 25.89	\$24.69	3353	0 \$	- \$	12.35	\$21.14
3354	05/20/13	5	18	27	\$8.53	\$ 24.09	\$22.90	3354	0 \$	- \$	12.35	\$21.48
3355	05/20/13	5	19	27	\$8.25	\$ 24.09	\$22.90	3355	0 \$	- \$	12.34	\$20.76
3356	05/20/13	5	20	27	\$9.34	\$ 24.09	\$22.90	3356	0 \$	- \$	12.34	\$23.51
3357	05/20/13	5	21	26	\$10.77	\$ 22.95	\$22.90	3357	0 \$	- \$	12.33	\$27.10
3358	05/20/13	5	22	26	\$9.05	\$ 22.95	\$21.75	3358	0 \$	- \$	12.33	\$22.77
3359	05/20/13	5	23	25	\$7.04	\$ 22.23	\$21.03	3359	0 \$	- \$	12.33	\$17.71
3360	05/20/13	5	24	24	\$5.68	\$ 21.76	\$20.59	3360	0 \$	- \$	12.32	\$14.30

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3361	05/21/13	5	1	23	\$4.78	\$ 21.48	\$20.59	3361	0 \$	- \$	12.32	\$12.04
3362	05/21/13	5	2	23	\$3.41	\$ 21.48	\$20.33	3362	0 \$	- \$	12.32	\$8.59
3363	05/21/13	5	3	22	\$3.78	\$ 21.32	\$20.33	3363	0 \$	- \$	12.31	\$9.51
3364	05/21/13	5	4	22	\$3.79	\$ 21.32	\$20.19	3364	0 \$	- \$	12.31	\$9.55
3365	05/21/13	5	5	22	\$4.26	\$ 21.32	\$20.19	3365	0 \$	- \$	12.31	\$10.72
3366	05/21/13	5	6	23	\$5.42	\$ 21.48	\$20.33	3366	0 \$	- \$	12.30	\$13.64
3367	05/21/13	5	7	24	\$7.74	\$ 21.76	\$20.59	3367	0 \$	- \$	12.30	\$19.47
3368	05/21/13	5	8	26	\$8.53	\$ 22.95	\$21.03	3368	0 \$	- \$	12.29	\$21.47
3369	05/21/13	5	9	25	\$9.11	\$ 22.23	\$21.03	3369	0 \$	- \$	12.29	\$22.94
3370	05/21/13	5	10	26	\$10.26	\$ 22.95	\$21.75	3370	0 \$	- \$	12.29	\$25.83
3371	05/21/13	5	11	27	\$11.40	\$ 24.09	\$22.90	3371	0 \$	- \$	12.28	\$28.70
3372	05/21/13	5	12	27	\$11.17	\$ 24.09	\$22.90	3372	0 \$	- \$	12.28	\$28.12
3373	05/21/13	5	13	27	\$10.85	\$ 24.09	\$22.90	3373	0 \$	- \$	12.28	\$27.30
3374	05/21/13	5	14	27	\$10.13	\$ 24.09	\$22.90	3374	0 \$	- \$	12.27	\$25.50
3375	05/21/13	5	15	27	\$10.21	\$ 24.09	\$22.90	3375	0 \$	- \$	12.27	\$25.69
3376	05/21/13	5	16	27	\$10.43	\$ 24.09	\$22.90	3376	0 \$	- \$	12.26	\$26.26
3377	05/21/13	5	17	27	\$9.91	\$ 24.09	\$22.90	3377	0 \$	- \$	12.26	\$24.94
3378	05/21/13	5	18	27	\$10.49	\$ 24.09	\$22.90	3378	0 \$	- \$	12.26	\$26.40
3379	05/21/13	5	19	26	\$10.71	\$ 22.95	\$21.75	3379	0 \$	- \$	12.25	\$26.96
3380	05/21/13	5	20	26	\$10.79	\$ 22.95	\$21.75	3380	0 \$	- \$	12.25	\$27.16
3381	05/21/13	5	21	26	\$13.00	\$ 22.95	\$21.75	3381	0 \$	- \$	12.25	\$32.71
3382	05/21/13	5	22	26	\$9.44	\$ 22.95	\$21.75	3382	0 \$	- \$	12.24	\$23.77
3383	05/21/13	5	23	25	\$8.20	\$ 22.23	\$21.03	3383	0 \$	- \$	12.24	\$20.63
3384	05/21/13	5	24	23	\$6.57	\$ 21.48	\$20.33	3384	0 \$	- \$	12.24	\$16.53
3385	05/22/13	5	1	22	\$6.42	\$ 21.32	\$20.19	3385	0 \$	- \$	12.23	\$16.16
3386	05/22/13	5	2	22	\$6.40	\$ 21.32	\$20.13	3386	0 \$	- \$	12.23	\$16.10
3387	05/22/13	5	3	21	\$6.38	\$ 21.25	\$20.13	3387	0 \$	- \$	12.23	\$16.05
3388	05/22/13	5	4	21	\$6.44	\$ 21.25	\$20.13	3388	0 \$	- \$	12.22	\$16.21
3389	05/22/13	5	5	21	\$6.35	\$ 21.25	\$20.13	3389	0 \$	- \$	12.22	\$15.99
3390	05/22/13	5	6	22	\$6.49	\$ 21.32	\$20.19	3390	0 \$	- \$	12.21	\$16.34
3391	05/22/13	5	7	23	\$7.19	\$ 21.48	\$20.33	3391	0 \$	- \$	12.21	\$18.10
3392	05/22/13	5	8	25	\$8.82	\$ 22.23	\$21.03	3392	0 \$	- \$	12.21	\$22.19
3393	05/22/13	5	9	25	\$8.72	\$ 22.23	\$21.03	3393	0 \$	- \$	12.20	\$21.96
3394	05/22/13	5	10	26	\$9.01	\$ 22.95	\$21.75	3394	0 \$	- \$	12.20	\$22.69
3395	05/22/13	5	11	26	\$9.64	\$ 22.95	\$21.03	3395	0 \$	- \$	12.20	\$24.26
3396	05/22/13	5	12	26	\$9.10	\$ 22.95	\$21.03	3396	0 \$	- \$	12.19	\$22.90
3397	05/22/13	5	13	26	\$8.89	\$ 22.95	\$21.75	3397	0 \$	- \$	12.19	\$22.38
3398	05/22/13	5	14	26	\$8.33	\$ 22.95	\$21.75	3398	0 \$	- \$	12.19	\$20.97
3399	05/22/13	5	15	26	\$7.70	\$ 22.95	\$21.75	3399	0 \$	- \$	12.18	\$19.37
3400	05/22/13	5	16	26	\$7.52	\$ 22.95	\$21.03	3400	0 \$	- \$	12.18	\$18.94
3401	05/22/13	5	17	25	\$6.90	\$ 22.23	\$21.03	3401	0 \$	- \$	12.17	\$17.36
3402	05/22/13	5	18	25	\$6.84	\$ 22.23	\$21.03	3402	0 \$	- \$	12.17	\$17.22
3403	05/22/13	5	19	25	\$6.76	\$ 22.23	\$21.03	3403	0 \$	- \$	12.17	\$17.02
3404	05/22/13	5	20	25	\$6.93	\$ 22.23	\$20.59	3404	0 \$	- \$	12.16	\$17.45
3405	05/22/13	5	21	25	\$7.28	\$ 22.23	\$21.03	3405	0 \$	- \$	12.16	\$18.33
3406	05/22/13	5	22	25	\$6.62	\$ 22.23	\$21.03	3406	0 \$	- \$	12.16	\$16.67
3407	05/22/13	5	23	24	\$5.40	\$ 21.76	\$20.59	3407	0 \$	- \$	12.15	\$13.59
3408	05/22/13	5	24	23	\$4.00	\$ 21.48	\$20.33	3408	0 \$	- \$	12.15	\$10.07
3409	05/23/13	5	1	22	\$1.06	\$ 21.32	\$20.19	3409	0 \$	- \$	12.15	\$2.66
3410	05/23/13	5	2	21	\$0.72	\$ 21.25	\$20.13	3410	0 \$	- \$	12.14	\$1.81
3411	05/23/13	5	3	21	\$0.93	\$ 21.25	\$20.13	3411	0 \$	- \$	12.14	\$2.33
3412	05/23/13	5	4	21	\$1.16	\$ 21.25	\$20.13	3412	0 \$	- \$	12.14	\$2.91
3413	05/23/13	5	5	21	\$0.44	\$ 21.25	\$20.13	3413	0 \$	- \$	12.13	\$1.10
3414	05/23/13	5	6	23	\$2.49	\$ 21.48	\$20.19	3414	0 \$	- \$	12.13	\$6.26
3415	05/23/13	5	7	24	\$5.42	\$ 21.76	\$20.33	3415	0 \$	- \$	12.12	\$13.64
3416	05/23/13	5	8	25	\$6.25	\$ 22.23	\$20.59	3416	0 \$	- \$	12.12	\$15.74

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3417	05/23/13	5	9	25	\$6.78	\$ 22.23	\$21.03	3417	0 \$	- \$	12.12	\$17.06
3418	05/23/13	5	10	26	\$7.19	\$ 22.95	\$21.75	3418	0 \$	- \$	12.11	\$18.10
3419	05/23/13	5	11	26	\$7.87	\$ 22.95	\$21.03	3419	0 \$	- \$	12.11	\$19.81
3420	05/23/13	5	12	25	\$8.15	\$ 22.23	\$21.03	3420	0 \$	- \$	12.11	\$20.52
3421	05/23/13	5	13	25	\$8.34	\$ 22.23	\$21.03	3421	0 \$	- \$	12.10	\$21.00
3422	05/23/13	5	14	25	\$8.30	\$ 22.23	\$21.03	3422	0 \$	- \$	12.10	\$20.90
3423	05/23/13	5	15	25	\$8.37	\$ 22.23	\$21.03	3423	0 \$	- \$	12.10	\$21.08
3424	05/23/13	5	16	24	\$8.37	\$ 21.76	\$20.59	3424	0 \$	- \$	12.09	\$21.06
3425	05/23/13	5	17	25	\$9.19	\$ 22.23	\$21.03	3425	0 \$	- \$	12.09	\$23.13
3426	05/23/13	5	18	25	\$9.01	\$ 22.23	\$21.03	3426	0 \$	- \$	12.09	\$22.69
3427	05/23/13	5	19	25	\$8.75	\$ 22.23	\$21.75	3427	0 \$	- \$	12.08	\$22.03
3428	05/23/13	5	20	25	\$8.92	\$ 22.23	\$21.03	3428	0 \$	- \$	12.08	\$22.46
3429	05/23/13	5	21	25	\$11.17	\$ 22.23	\$21.03	3429	0 \$	- \$	12.08	\$28.12
3430	05/23/13	5	22	25	\$8.48	\$ 22.23	\$21.03	3430	0 \$	- \$	12.07	\$21.35
3431	05/23/13	5	23	24	\$7.13	\$ 21.76	\$20.59	3431	0 \$	- \$	12.07	\$17.95
3432	05/23/13	5	24	23	\$6.82	\$ 21.48	\$20.33	3432	0 \$	- \$	12.06	\$17.17
3433	05/24/13	5	1	22	\$4.71	\$ 21.32	\$20.19	3433	0 \$	- \$	12.06	\$11.85
3434	05/24/13	5	2	21	\$4.51	\$ 21.25	\$20.19	3434	0 \$	- \$	12.06	\$11.36
3435	05/24/13	5	3	21	\$4.83	\$ 21.25	\$20.13	3435	0 \$	- \$	12.05	\$12.15
3436	05/24/13	5	4	21	\$4.47	\$ 21.25	\$20.13	3436	0 \$	- \$	12.05	\$11.24
3437	05/24/13	5	5	21	\$4.66	\$ 21.25	\$20.13	3437	0 \$	- \$	12.05	\$11.73
3438	05/24/13	5	6	22	\$5.25	\$ 21.32	\$20.19	3438	0 \$	- \$	12.04	\$13.22
3439	05/24/13	5	7	23	\$6.19	\$ 21.48	\$20.33	3439	0 \$	- \$	12.04	\$15.57
3440	05/24/13	5	8	25	\$8.54	\$ 22.23	\$20.59	3440	0 \$	- \$	12.04	\$21.49
3441	05/24/13	5	9	25	\$8.51	\$ 22.23	\$21.03	3441	0 \$	- \$	12.03	\$21.43
3442	05/24/13	5	10	26	\$7.96	\$ 22.95	\$21.03	3442	0 \$	- \$	12.03	\$20.03
3443	05/24/13	5	11	26	\$7.98	\$ 22.95	\$21.75	3443	0 \$	- \$	12.03	\$20.09
3444	05/24/13	5	12	26	\$7.55	\$ 22.95	\$21.75	3444	0 \$	- \$	12.02	\$19.01
3445	05/24/13	5	13	25	\$6.67	\$ 22.23	\$21.03	3445	0 \$	- \$	12.02	\$16.80
3446	05/24/13	5	14	25	\$5.48	\$ 22.23	\$21.03	3446	0 \$	- \$	12.02	\$13.79
3447	05/24/13	5	15	25	\$4.59	\$ 22.23	\$21.03	3447	0 \$	- \$	12.01	\$11.56
3448	05/24/13	5	16	25	\$4.53	\$ 22.23	\$21.03	3448	0 \$	- \$	12.01	\$11.41
3449	05/24/13	5	17	25	\$4.49	\$ 22.23	\$21.03	3449	0 \$	- \$	12.01	\$11.31
3450	05/24/13	5	18	25	\$4.07	\$ 22.23	\$21.03	3450	0 \$	- \$	12.00	\$10.24
3451	05/24/13	5	19	24	\$4.17	\$ 21.76	\$20.59	3451	0 \$	- \$	12.00	\$10.49
3452	05/24/13	5	20	24	\$4.50	\$ 21.76	\$20.59	3452	0 \$	- \$	11.99	\$11.32
3453	05/24/13	5	21	24	\$5.42	\$ 21.76	\$20.59	3453	0 \$	- \$	11.99	\$13.64
3454	05/24/13	5	22	24	\$4.54	\$ 21.76	\$21.03	3454	0 \$	- \$	11.99	\$11.43
3455	05/24/13	5	23	23	\$4.59	\$ 21.48	\$20.59	3455	0 \$	- \$	11.98	\$11.55
3456	05/24/13	5	24	22	\$1.08	\$ 21.32	\$20.33	3456	0 \$	- \$	11.98	\$2.71
3457	05/25/13	5	1	21	-\$0.83	\$ 21.25	\$20.19	3457	0 \$	- \$	11.98	-\$2.10
3458	05/25/13	5	2	21	-\$1.27	\$ 21.25	\$20.19	3458	0 \$	- \$	11.97	-\$3.20
3459	05/25/13	5	3	21	-\$1.64	\$ 21.25	\$20.13	3459	0 \$	- \$	11.97	-\$4.12
3460	05/25/13	5	4	20	-\$1.09	\$ 21.22	\$20.13	3460	0 \$	- \$	11.97	-\$2.74
3461	05/25/13	5	5	20	-\$0.17	\$ 21.22	\$20.13	3461	0 \$	- \$	11.96	-\$0.44
3462	05/25/13	5	6	20	\$0.46	\$ 21.22	\$20.13	3462	0 \$	- \$	11.96	\$1.15
3463	05/25/13	5	7	21	\$0.99	\$ 21.25	\$20.13	3463	0 \$	- \$	11.96	\$2.48
3464	05/25/13	5	8	21	\$2.89	\$ 21.25	\$20.13	3464	0 \$	- \$	11.95	\$7.27
3465	05/25/13	5	9	22	\$4.80	\$ 21.32	\$20.19	3465	0 \$	- \$	11.95	\$12.09
3466	05/25/13	5	10	23	\$4.68	\$ 21.48	\$20.33	3466	0 \$	- \$	11.95	\$11.77
3467	05/25/13	5	11	23	\$4.78	\$ 21.48	\$20.33	3467	0 \$	- \$	11.94	\$12.02
3468	05/25/13	5	12	23	\$4.81	\$ 21.48	\$20.33	3468	0 \$	- \$	11.94	\$12.11
3469	05/25/13	5	13	22	\$4.90	\$ 21.32	\$20.33	3469	0 \$	- \$	11.94	\$12.33
3470	05/25/13	5	14	22	\$4.72	\$ 21.32	\$20.33	3470	0 \$	- \$	11.93	\$11.88
3471	05/25/13	5	15	22	\$4.39	\$ 21.32	\$20.19	3471	0 \$	- \$	11.93	\$11.04
3472	05/25/13	5	16	22	\$4.11	\$ 21.32	\$20.33	3472	0 \$	- \$	11.93	\$10.34

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3473	05/25/13	5	17	22	\$3.99	\$ 21.32	\$20.33	3473	0 \$	- \$	11.92	\$10.04
3474	05/25/13	5	18	22	\$4.15	\$ 21.32	\$20.33	3474	0 \$	- \$	11.92	\$10.45
3475	05/25/13	5	19	22	\$3.96	\$ 21.32	\$20.33	3475	0 \$	- \$	11.92	\$9.96
3476	05/25/13	5	20	20	\$3.45	\$ 21.22	\$20.13	3476	0 \$	- \$	11.91	\$8.68
3477	05/25/13	5	21	21	\$3.79	\$ 21.25	\$20.19	3477	0 \$	- \$	11.91	\$9.53
3478	05/25/13	5	22	22	\$3.41	\$ 21.32	\$20.19	3478	0 \$	- \$	11.91	\$8.59
3479	05/25/13	5	23	21	\$1.08	\$ 21.25	\$20.19	3479	0 \$	- \$	11.90	\$2.73
3480	05/25/13	5	24	20	\$0.06	\$ 21.22	\$20.13	3480	0 \$	- \$	11.90	\$0.14
3481	05/26/13	5	1	20	-\$2.87	\$ 21.22	\$20.10	3481	0 \$	- \$	11.90	-\$7.22
3482	05/26/13	5	2	19	-\$3.11	\$ 21.20	\$20.10	3482	0 \$	- \$	11.89	-\$7.82
3483	05/26/13	5	3	19	-\$3.79	\$ 21.20	\$20.10	3483	0 \$	- \$	11.89	-\$9.54
3484	05/26/13	5	4	19	-\$3.84	\$ 21.20	\$20.09	3484	0 \$	- \$	11.88	-\$9.67
3485	05/26/13	5	5	19	-\$3.33	\$ 21.20	\$20.09	3485	0 \$	- \$	11.88	-\$8.39
3486	05/26/13	5	6	19	-\$2.42	\$ 21.20	\$20.09	3486	0 \$	- \$	11.88	-\$6.08
3487	05/26/13	5	7	19	-\$0.93	\$ 21.20	\$20.09	3487	0 \$	- \$	11.87	-\$2.34
3488	05/26/13	5	8	20	\$1.95	\$ 21.22	\$20.10	3488	0 \$	- \$	11.87	\$4.92
3489	05/26/13	5	9	21	\$3.10	\$ 21.25	\$20.13	3489	0 \$	- \$	11.87	\$7.80
3490	05/26/13	5	10	21	\$4.27	\$ 21.25	\$20.19	3490	0 \$	- \$	11.86	\$10.74
3491	05/26/13	5	11	21	\$4.50	\$ 21.25	\$20.19	3491	0 \$	- \$	11.86	\$11.32
3492	05/26/13	5	12	22	\$4.79	\$ 21.32	\$20.19	3492	0 \$	- \$	11.86	\$12.05
3493	05/26/13	5	13	22	\$4.42	\$ 21.32	\$20.19	3493	0 \$	- \$	11.85	\$11.13
3494	05/26/13	5	14	22	\$4.61	\$ 21.32	\$20.19	3494	0 \$	- \$	11.85	\$11.60
3495	05/26/13	5	15	21	\$4.51	\$ 21.25	\$20.19	3495	0 \$	- \$	11.85	\$11.34
3496	05/26/13	5	16	21	\$4.56	\$ 21.25	\$20.19	3496	0 \$	- \$	11.84	\$11.48
3497	05/26/13	5	17	21	\$4.76	\$ 21.25	\$20.19	3497	0 \$	- \$	11.84	\$11.98
3498	05/26/13	5	18	22	\$5.06	\$ 21.32	\$20.19	3498	0 \$	- \$	11.84	\$12.73
3499	05/26/13	5	19	22	\$4.85	\$ 21.32	\$20.19	3499	0 \$	- \$	11.83	\$12.21
3500	05/26/13	5	20	22	\$4.88	\$ 21.32	\$20.19	3500	0 \$	- \$	11.83	\$12.29
3501	05/26/13	5	21	22	\$5.82	\$ 21.32	\$20.19	3501	0 \$	- \$	11.83	\$14.65
3502	05/26/13	5	22	22	\$5.03	\$ 21.32	\$20.19	3502	0 \$	- \$	11.82	\$12.66
3503	05/26/13	5	23	21	\$1.52	\$ 21.25	\$20.13	3503	0 \$	- \$	11.82	\$3.83
3504	05/26/13	5	24	20	\$0.48	\$ 21.22	\$20.10	3504	0 \$	- \$	11.82	\$1.22
3505	05/27/13	5	1	19	\$1.70	\$ 21.20	\$20.10	3505	0 \$	- \$	11.81	\$4.27
3506	05/27/13	5	2	19	\$1.57	\$ 21.20	\$20.10	3506	0 \$	- \$	11.81	\$3.94
3507	05/27/13	5	3	19	\$1.60	\$ 21.20	\$20.10	3507	0 \$	- \$	11.81	\$4.02
3508	05/27/13	5	4	19	\$1.61	\$ 21.20	\$20.09	3508	0 \$	- \$	11.80	\$4.05
3509	05/27/13	5	5	19	\$1.66	\$ 21.20	\$20.10	3509	0 \$	- \$	11.80	\$4.18
3510	05/27/13	5	6	19	\$1.85	\$ 21.20	\$20.10	3510	0 \$	- \$	11.80	\$4.66
3511	05/27/13	5	7	19	\$3.18	\$ 21.20	\$20.10	3511	0 \$	- \$	11.79	\$8.01
3512	05/27/13	5	8	20	\$5.55	\$ 21.22	\$20.10	3512	0 \$	- \$	11.79	\$13.96
3513	05/27/13	5	9	21	\$5.85	\$ 21.25	\$20.13	3513	0 \$	- \$	11.79	\$14.73
3514	05/27/13	5	10	21	\$6.30	\$ 21.25	\$20.19	3514	0 \$	- \$	11.78	\$15.85
3515	05/27/13	5	11	22	\$6.26	\$ 21.32	\$20.19	3515	0 \$	- \$	11.78	\$15.76
3516	05/27/13	5	12	23	\$6.40	\$ 21.48	\$20.33	3516	0 \$	- \$	11.78	\$16.12
3517	05/27/13	5	13	22	\$6.44	\$ 21.32	\$20.33	3517	0 \$	- \$	11.77	\$16.22
3518	05/27/13	5	14	22	\$6.36	\$ 21.32	\$20.33	3518	0 \$	- \$	11.77	\$16.01
3519	05/27/13	5	15	23	\$6.93	\$ 21.48	\$20.33	3519	0 \$	- \$	11.77	\$17.44
3520	05/27/13	5	16	23	\$7.05	\$ 21.48	\$20.33	3520	0 \$	- \$	11.76	\$17.75
3521	05/27/13	5	17	23	\$7.02	\$ 21.48	\$20.59	3521	0 \$	- \$	11.76	\$17.68
3522	05/27/13	5	18	23	\$7.26	\$ 21.48	\$20.59	3522	0 \$	- \$	11.76	\$18.27
3523	05/27/13	5	19	24	\$7.38	\$ 21.76	\$20.59	3523	0 \$	- \$	11.75	\$18.58
3524	05/27/13	5	20	23	\$7.02	\$ 21.48	\$20.33	3524	0 \$	- \$	11.75	\$17.66
3525	05/27/13	5	21	23	\$8.49	\$ 21.48	\$20.59	3525	0 \$	- \$	11.75	\$21.38
3526	05/27/13	5	22	24	\$7.30	\$ 21.76	\$20.59	3526	0 \$	- \$	11.74	\$18.38
3527	05/27/13	5	23	22	\$5.42	\$ 21.32	\$20.33	3527	0 \$	- \$	11.74	\$13.64
3528	05/27/13	5	24	22	\$4.20	\$ 21.32	\$20.19	3528	0 \$	- \$	11.74	\$10.56

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3529	05/28/13	5	1	21	\$4.43	\$ 21.25	\$20.13	3529	0 \$	- \$	11.73	\$11.16
3530	05/28/13	5	2	21	\$2.83	\$ 21.25	\$20.13	3530	0 \$	- \$	11.73	\$7.12
3531	05/28/13	5	3	21	\$1.96	\$ 21.25	\$20.13	3531	0 \$	- \$	11.73	\$4.94
3532	05/28/13	5	4	21	\$2.17	\$ 21.25	\$20.13	3532	0 \$	- \$	11.72	\$5.47
3533	05/28/13	5	5	21	\$3.22	\$ 21.25	\$20.13	3533	0 \$	- \$	11.72	\$8.10
3534	05/28/13	5	6	22	\$5.67	\$ 21.32	\$20.19	3534	0 \$	- \$	11.72	\$14.26
3535	05/28/13	5	7	22	\$7.87	\$ 21.32	\$20.19	3535	0 \$	- \$	11.71	\$19.82
3536	05/28/13	5	8	24	\$8.88	\$ 21.76	\$20.59	3536	0 \$	- \$	11.71	\$22.35
3537	05/28/13	5	9	25	\$9.68	\$ 22.23	\$21.03	3537	0 \$	- \$	11.71	\$24.36
3538	05/28/13	5	10	26	\$12.14	\$ 22.95	\$21.75	3538	0 \$	- \$	11.70	\$30.55
3539	05/28/13	5	11	26	\$12.73	\$ 22.95	\$21.75	3539	0 \$	- \$	11.70	\$32.03
3540	05/28/13	5	12	26	\$14.66	\$ 22.95	\$21.75	3540	0 \$	- \$	11.70	\$36.91
3541	05/28/13	5	13	27	\$14.42	\$ 24.09	\$22.90	3541	0 \$	- \$	11.69	\$36.29
3542	05/28/13	5	14	27	\$14.81	\$ 24.09	\$22.90	3542	0 \$	- \$	11.69	\$37.29
3543	05/28/13	5	15	27	\$15.21	\$ 24.09	\$22.90	3543	0 \$	- \$	11.69	\$38.28
3544	05/28/13	5	16	26	\$15.00	\$ 22.95	\$21.75	3544	0 \$	- \$	11.68	\$37.76
3545	05/28/13	5	17	28	\$15.76	\$ 25.89	\$24.69	3545	0 \$	- \$	11.68	\$39.68
3546	05/28/13	5	18	28	\$15.55	\$ 25.89	\$24.69	3546	0 \$	- \$	11.68	\$39.14
3547	05/28/13	5	19	28	\$15.31	\$ 25.89	\$24.69	3547	0 \$	- \$	11.67	\$38.54
3548	05/28/13	5	20	28	\$14.53	\$ 25.89	\$24.69	3548	0 \$	- \$	11.67	\$36.58
3549	05/28/13	5	21	28	\$15.37	\$ 25.89	\$24.69	3549	0 \$	- \$	11.67	\$38.69
3550	05/28/13	5	22	28	\$12.50	\$ 25.89	\$24.69	3550	0 \$	- \$	11.66	\$31.46
3551	05/28/13	5	23	27	\$8.46	\$ 24.09	\$22.90	3551	0 \$	- \$	11.66	\$21.30
3552	05/28/13	5	24	25	\$7.74	\$ 22.23	\$21.03	3552	0 \$	- \$	11.66	\$19.49
3553	05/29/13	5	1	24	\$7.29	\$ 21.76	\$20.59	3553	0 \$	- \$	11.65	\$18.34
3554	05/29/13	5	2	23	\$6.98	\$ 21.48	\$20.33	3554	0 \$	- \$	11.65	\$17.56
3555	05/29/13	5	3	23	\$6.78	\$ 21.48	\$20.33	3555	0 \$	- \$	11.65	\$17.07
3556	05/29/13	5	4	22	\$6.79	\$ 21.32	\$20.33	3556	0 \$	- \$	11.64	\$17.10
3557	05/29/13	5	5	22	\$6.97	\$ 21.32	\$20.33	3557	0 \$	- \$	11.64	\$17.55
3558	05/29/13	5	6	24	\$7.65	\$ 21.76	\$20.59	3558	0 \$	- \$	11.64	\$19.25
3559	05/29/13	5	7	25	\$9.20	\$ 22.23	\$21.03	3559	0 \$	- \$	11.63	\$23.16
3560	05/29/13	5	8	26	\$8.63	\$ 22.95	\$21.75	3560	0 \$	- \$	11.63	\$21.72
3561	05/29/13	5	9	28	\$9.32	\$ 25.89	\$24.69	3561	0 \$	- \$	11.63	\$23.47
3562	05/29/13	5	10	28	\$10.44	\$ 25.89	\$24.69	3562	0 \$	- \$	11.62	\$26.27
3563	05/29/13	5	11	29	\$10.96	\$ 28.65	\$24.69	3563	0 \$	- \$	11.62	\$27.58
3564	05/29/13	5	12	29	\$10.61	\$ 28.65	\$27.35	3564	0 \$	- \$	11.62	\$26.71
3565	05/29/13	5	13	30	\$10.09	\$ 32.53	\$27.35	3565	0 \$	- \$	11.61	\$25.39
3566	05/29/13	5	14	30	\$10.57	\$ 32.53	\$31.07	3566	0 \$	- \$	11.61	\$26.61
3567	05/29/13	5	15	30	\$10.64	\$ 32.53	\$31.07	3567	0 \$	- \$	11.61	\$26.78
3568	05/29/13	5	16	30	\$11.07	\$ 32.53	\$31.07	3568	0 \$	- \$	11.60	\$27.87
3569	05/29/13	5	17	30	\$10.60	\$ 32.53	\$31.07	3569	0 \$	- \$	11.60	\$26.67
3570	05/29/13	5	18	29	\$10.46	\$ 28.65	\$27.35	3570	0 \$	- \$	11.60	\$26.32
3571	05/29/13	5	19	28	\$9.45	\$ 25.89	\$24.69	3571	0 \$	- \$	11.60	\$23.79
3572	05/29/13	5	20	28	\$8.55	\$ 25.89	\$24.69	3572	0 \$	- \$	11.59	\$21.53
3573	05/29/13	5	21	28	\$9.31	\$ 25.89	\$24.69	3573	0 \$	- \$	11.59	\$23.43
3574	05/29/13	5	22	27	\$7.85	\$ 24.09	\$24.69	3574	0 \$	- \$	11.59	\$19.77
3575	05/29/13	5	23	26	\$5.49	\$ 22.95	\$21.75	3575	0 \$	- \$	11.58	\$13.81
3576	05/29/13	5	24	25	\$3.82	\$ 22.23	\$21.03	3576	0 \$	- \$	11.58	\$9.62
3577	05/30/13	5	1	24	-\$0.54	\$ 21.76	\$20.59	3577	0 \$	- \$	11.58	-\$1.36
3578	05/30/13	5	2	23	-\$2.53	\$ 21.48	\$20.33	3578	0 \$	- \$	11.57	-\$6.38
3579	05/30/13	5	3	23	-\$3.20	\$ 21.48	\$20.33	3579	0 \$	- \$	11.57	-\$8.06
3580	05/30/13	5	4	23	-\$2.86	\$ 21.48	\$20.33	3580	0 \$	- \$	11.57	-\$7.19
3581	05/30/13	5	5	23	-\$2.42	\$ 21.48	\$20.33	3581	0 \$	- \$	11.56	-\$6.08
3582	05/30/13	5	6	24	-\$0.34	\$ 21.76	\$20.59	3582	0 \$	- \$	11.56	-\$0.85
3583	05/30/13	5	7	24	\$4.33	\$ 21.76	\$20.59	3583	0 \$	- \$	11.56	\$10.89
3584	05/30/13	5	8	26	\$7.08	\$ 22.95	\$21.75	3584	0 \$	- \$	11.55	\$17.81

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3585	05/30/13	5	9	26	\$7.57	\$ 22.95	\$21.75	3585	0 \$	- \$	11.55	\$19.05
3586	05/30/13	5	10	25	\$8.92	\$ 22.23	\$21.03	3586	0 \$	- \$	11.55	\$22.44
3587	05/30/13	5	11	26	\$9.73	\$ 22.95	\$21.03	3587	0 \$	- \$	11.54	\$24.48
3588	05/30/13	5	12	26	\$9.81	\$ 22.95	\$21.03	3588	0 \$	- \$	11.54	\$24.69
3589	05/30/13	5	13	26	\$10.17	\$ 22.95	\$21.75	3589	0 \$	- \$	11.54	\$25.59
3590	05/30/13	5	14	26	\$9.69	\$ 22.95	\$21.75	3590	0 \$	- \$	11.53	\$24.38
3591	05/30/13	5	15	27	\$9.10	\$ 24.09	\$21.75	3591	0 \$	- \$	11.53	\$22.91
3592	05/30/13	5	16	26	\$9.99	\$ 22.95	\$21.75	3592	0 \$	- \$	11.53	\$25.14
3593	05/30/13	5	17	26	\$10.19	\$ 22.95	\$21.75	3593	0 \$	- \$	11.52	\$25.64
3594	05/30/13	5	18	26	\$10.72	\$ 22.95	\$21.75	3594	0 \$	- \$	11.52	\$26.99
3595	05/30/13	5	19	26	\$11.13	\$ 22.95	\$21.75	3595	0 \$	- \$	11.52	\$28.01
3596	05/30/13	5	20	25	\$11.24	\$ 22.23	\$21.75	3596	0 \$	- \$	11.51	\$28.28
3597	05/30/13	5	21	25	\$12.36	\$ 22.23	\$21.03	3597	0 \$	- \$	11.51	\$31.11
3598	05/30/13	5	22	25	\$9.79	\$ 22.23	\$21.03	3598	0 \$	- \$	11.51	\$24.63
3599	05/30/13	5	23	24	\$6.50	\$ 21.76	\$20.59	3599	0 \$	- \$	11.51	\$16.37
3600	05/30/13	5	24	22	\$5.52	\$ 21.32	\$20.33	3600	0 \$	- \$	11.50	\$13.89
3601	05/31/13	5	1	22	\$0.81	\$ 21.32	\$20.19	3601	0 \$	- \$	11.50	\$2.03
3602	05/31/13	5	2	23	-\$0.43	\$ 21.48	\$20.33	3602	0 \$	- \$	11.50	-\$1.08
3603	05/31/13	5	3	22	-\$0.54	\$ 21.32	\$20.33	3603	0 \$	- \$	11.49	-\$1.35
3604	05/31/13	5	4	22	\$0.01	\$ 21.32	\$20.19	3604	0 \$	- \$	11.49	\$0.03
3605	05/31/13	5	5	22	\$0.60	\$ 21.32	\$20.19	3605	0 \$	- \$	11.49	\$1.52
3606	05/31/13	5	6	23	\$1.86	\$ 21.48	\$20.33	3606	0 \$	- \$	11.48	\$4.69
3607	05/31/13	5	7	24	\$5.86	\$ 21.76	\$20.59	3607	0 \$	- \$	11.48	\$14.76
3608	05/31/13	5	8	25	\$7.83	\$ 22.23	\$21.03	3608	0 \$	- \$	11.48	\$19.72
3609	05/31/13	5	9	26	\$8.27	\$ 22.95	\$21.75	3609	0 \$	- \$	11.47	\$20.82
3610	05/31/13	5	10	27	\$9.50	\$ 24.09	\$22.90	3610	0 \$	- \$	11.47	\$23.92
3611	05/31/13	5	11	27	\$10.21	\$ 24.09	\$22.90	3611	0 \$	- \$	11.47	\$25.70
3612	05/31/13	5	12	28	\$10.54	\$ 25.89	\$24.69	3612	0 \$	- \$	11.46	\$26.53
3613	05/31/13	5	13	28	\$10.77	\$ 25.89	\$24.69	3613	0 \$	- \$	11.46	\$27.11
3614	05/31/13	5	14	28	\$10.91	\$ 25.89	\$24.69	3614	0 \$	- \$	11.46	\$27.47
3615	05/31/13	5	15	28	\$10.43	\$ 25.89	\$24.69	3615	0 \$	- \$	11.45	\$26.26
3616	05/31/13	5	16	29	\$11.36	\$ 28.65	\$27.35	3616	0 \$	- \$	11.45	\$28.60
3617	05/31/13	5	17	28	\$10.61	\$ 25.89	\$24.69	3617	0 \$	- \$	11.45	\$26.71
3618	05/31/13	5	18	27	\$10.07	\$ 24.09	\$24.69	3618	0 \$	- \$	11.44	\$25.35
3619	05/31/13	5	19	27	\$9.40	\$ 24.09	\$22.90	3619	0 \$	- \$	11.44	\$23.65
3620	05/31/13	5	20	27	\$9.08	\$ 24.09	\$22.90	3620	0 \$	- \$	11.44	\$22.86
3621	05/31/13	5	21	27	\$10.46	\$ 24.09	\$22.90	3621	0 \$	- \$	11.44	\$26.33
3622	05/31/13	5	22	27	\$9.54	\$ 24.09	\$22.90	3622	0 \$	- \$	11.43	\$24.02
3623	05/31/13	5	23	26	\$7.63	\$ 22.95	\$21.75	3623	0 \$	- \$	11.43	\$19.21
3624	05/31/13	5	24	25	\$7.16	\$ 22.23	\$21.03	3624	0 \$	- \$	11.43	\$18.03
3625	06/01/13	6	1	24	\$4.38	\$ 21.76	\$20.59	3625	0 \$	- \$	11.42	\$11.02
3626	06/01/13	6	2	23	\$2.59	\$ 21.48	\$20.33	3626	0 \$	- \$	11.42	\$6.53
3627	06/01/13	6	3	22	\$0.60	\$ 21.32	\$20.33	3627	0 \$	- \$	11.42	\$1.50
3628	06/01/13	6	4	21	\$0.37	\$ 21.25	\$20.19	3628	0 \$	- \$	11.41	\$0.94
3629	06/01/13	6	5	22	-\$0.10	\$ 21.32	\$20.19	3629	0 \$	- \$	11.41	-\$0.24
3630	06/01/13	6	6	22	-\$0.19	\$ 21.32	\$20.19	3630	0 \$	- \$	11.41	-\$0.49
3631	06/01/13	6	7	22	\$2.59	\$ 21.32	\$20.19	3631	0 \$	- \$	11.40	\$6.51
3632	06/01/13	6	8	23	\$4.30	\$ 21.48	\$20.33	3632	0 \$	- \$	11.40	\$10.83
3633	06/01/13	6	9	24	\$5.34	\$ 21.76	\$20.59	3633	0 \$	- \$	11.40	\$13.44
3634	06/01/13	6	10	24	\$5.24	\$ 21.76	\$20.59	3634	0 \$	- \$	11.39	\$13.20
3635	06/01/13	6	11	24	\$4.85	\$ 21.76	\$20.59	3635	0 \$	- \$	11.39	\$12.22
3636	06/01/13	6	12	25	\$4.20	\$ 22.23	\$21.03	3636	0 \$	- \$	11.39	\$10.58
3637	06/01/13	6	13	25	\$3.66	\$ 22.23	\$21.03	3637	0 \$	- \$	11.38	\$9.22
3638	06/01/13	6	14	25	\$2.40	\$ 22.23	\$21.03	3638	0 \$	- \$	11.38	\$6.04
3639	06/01/13	6	15	24	\$0.53	\$ 21.76	\$20.59	3639	0 \$	- \$	11.38	\$1.34
3640	06/01/13	6	16	24	-\$0.99	\$ 21.76	\$20.59	3640	0 \$	- \$	11.38	-\$2.50

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3641	06/01/13	6	17	24	-\$2.58	\$ 21.76	\$20.59	3641	0 \$	- \$	11.37	-\$6.50
3642	06/01/13	6	18	24	-\$1.78	\$ 21.76	\$20.59	3642	0 \$	- \$	11.37	-\$4.49
3643	06/01/13	6	19	23	-\$2.82	\$ 21.48	\$20.33	3643	0 \$	- \$	11.37	-\$7.11
3644	06/01/13	6	20	23	-\$2.96	\$ 21.48	\$20.33	3644	0 \$	- \$	11.36	-\$7.45
3645	06/01/13	6	21	23	-\$1.91	\$ 21.48	\$20.33	3645	0 \$	- \$	11.36	-\$4.82
3646	06/01/13	6	22	23	-\$0.02	\$ 21.48	\$20.33	3646	0 \$	- \$	11.36	-\$0.06
3647	06/01/13	6	23	23	-\$2.64	\$ 21.48	\$20.33	3647	0 \$	- \$	11.35	-\$6.64
3648	06/01/13	6	24	22	-\$4.34	\$ 21.32	\$20.19	3648	0 \$	- \$	11.35	-\$10.92
3649	06/02/13	6	1	21	\$0.95	\$ 21.25	\$20.13	3649	0 \$	- \$	11.35	\$2.40
3650	06/02/13	6	2	21	\$0.27	\$ 21.25	\$20.13	3650	0 \$	- \$	11.34	\$0.67
3651	06/02/13	6	3	20	\$0.46	\$ 21.22	\$20.10	3651	0 \$	- \$	11.34	\$1.16
3652	06/02/13	6	4	20	\$1.46	\$ 21.22	\$20.10	3652	0 \$	- \$	11.34	\$3.67
3653	06/02/13	6	5	20	\$1.76	\$ 21.22	\$20.10	3653	0 \$	- \$	11.33	\$4.42
3654	06/02/13	6	6	20	\$3.48	\$ 21.22	\$20.10	3654	0 \$	- \$	11.33	\$8.76
3655	06/02/13	6	7	20	\$5.25	\$ 21.22	\$20.10	3655	0 \$	- \$	11.33	\$13.21
3656	06/02/13	6	8	20	\$6.63	\$ 21.22	\$20.10	3656	0 \$	- \$	11.33	\$16.70
3657	06/02/13	6	9	21	\$7.27	\$ 21.25	\$20.13	3657	0 \$	- \$	11.32	\$18.31
3658	06/02/13	6	10	21	\$7.44	\$ 21.25	\$20.13	3658	0 \$	- \$	11.32	\$18.73
3659	06/02/13	6	11	22	\$7.90	\$ 21.32	\$20.19	3659	0 \$	- \$	11.32	\$19.89
3660	06/02/13	6	12	22	\$8.28	\$ 21.32	\$20.19	3660	0 \$	- \$	11.31	\$20.85
3661	06/02/13	6	13	22	\$8.91	\$ 21.32	\$20.19	3661	0 \$	- \$	11.31	\$22.43
3662	06/02/13	6	14	21	\$9.24	\$ 21.25	\$20.19	3662	0 \$	- \$	11.31	\$23.26
3663	06/02/13	6	15	21	\$9.31	\$ 21.25	\$20.19	3663	0 \$	- \$	11.30	\$23.43
3664	06/02/13	6	16	21	\$9.55	\$ 21.25	\$20.13	3664	0 \$	- \$	11.30	\$24.04
3665	06/02/13	6	17	22	\$10.44	\$ 21.32	\$20.19	3665	0 \$	- \$	11.30	\$26.28
3666	06/02/13	6	18	22	\$9.43	\$ 21.32	\$20.33	3666	0 \$	- \$	11.29	\$23.74
3667	06/02/13	6	19	22	\$10.05	\$ 21.32	\$20.33	3667	0 \$	- \$	11.29	\$25.29
3668	06/02/13	6	20	22	\$10.36	\$ 21.32	\$20.33	3668	0 \$	- \$	11.29	\$26.07
3669	06/02/13	6	21	22	\$13.42	\$ 21.32	\$20.33	3669	0 \$	- \$	11.29	\$33.77
3670	06/02/13	6	22	23	\$12.36	\$ 21.48	\$20.33	3670	0 \$	- \$	11.28	\$31.12
3671	06/02/13	6	23	23	\$8.47	\$ 21.48	\$20.33	3671	0 \$	- \$	11.28	\$21.32
3672	06/02/13	6	24	21	\$8.16	\$ 21.25	\$20.13	3672	0 \$	- \$	11.28	\$20.55
3673	06/03/13	6	1	21	\$7.04	\$ 21.25	\$20.13	3673	0 \$	- \$	11.27	\$17.72
3674	06/03/13	6	2	20	\$6.54	\$ 21.22	\$20.10	3674	0 \$	- \$	11.27	\$16.45
3675	06/03/13	6	3	20	\$6.14	\$ 21.22	\$20.10	3675	0 \$	- \$	11.27	\$15.46
3676	06/03/13	6	4	20	\$6.19	\$ 21.22	\$20.10	3676	0 \$	- \$	11.26	\$15.58
3677	06/03/13	6	5	20	\$6.56	\$ 21.22	\$20.10	3677	0 \$	- \$	11.26	\$16.51
3678	06/03/13	6	6	21	\$7.80	\$ 21.25	\$20.13	3678	0 \$	- \$	11.26	\$19.64
3679	06/03/13	6	7	22	\$9.05	\$ 21.32	\$20.19	3679	0 \$	- \$	11.25	\$22.78
3680	06/03/13	6	8	24	\$12.19	\$ 21.76	\$20.59	3680	0 \$	- \$	11.25	\$30.68
3681	06/03/13	6	9	26	\$10.91	\$ 22.95	\$21.03	3681	0 \$	- \$	11.25	\$27.46
3682	06/03/13	6	10	26	\$10.47	\$ 22.95	\$21.75	3682	0 \$	- \$	11.25	\$26.36
3683	06/03/13	6	11	27	\$10.27	\$ 24.09	\$22.90	3683	0 \$	- \$	11.24	\$25.86
3684	06/03/13	6	12	27	\$9.75	\$ 24.09	\$22.90	3684	0 \$	- \$	11.24	\$24.55
3685	06/03/13	6	13	27	\$10.17	\$ 24.09	\$22.90	3685	0 \$	- \$	11.24	\$25.61
3686	06/03/13	6	14	27	\$9.65	\$ 24.09	\$22.90	3686	0 \$	- \$	11.23	\$24.30
3687	06/03/13	6	15	27	\$8.61	\$ 24.09	\$22.90	3687	0 \$	- \$	11.23	\$21.67
3688	06/03/13	6	16	26	\$7.53	\$ 22.95	\$21.75	3688	0 \$	- \$	11.23	\$18.95
3689	06/03/13	6	17	27	\$7.82	\$ 24.09	\$22.90	3689	0 \$	- \$	11.22	\$19.68
3690	06/03/13	6	18	27	\$7.11	\$ 24.09	\$22.90	3690	0 \$	- \$	11.22	\$17.89
3691	06/03/13	6	19	27	\$5.90	\$ 24.09	\$22.90	3691	0 \$	- \$	11.22	\$14.84
3692	06/03/13	6	20	27	\$6.18	\$ 24.09	\$22.90	3692	0 \$	- \$	11.22	\$15.56
3693	06/03/13	6	21	26	\$6.45	\$ 22.95	\$21.75	3693	0 \$	- \$	11.21	\$16.24
3694	06/03/13	6	22	27	\$6.05	\$ 24.09	\$22.90	3694	0 \$	- \$	11.21	\$15.22
3695	06/03/13	6	23	26	\$5.66	\$ 22.95	\$21.75	3695	0 \$	- \$	11.21	\$14.24
3696	06/03/13	6	24	24	\$4.61	\$ 21.76	\$20.59	3696	0 \$	- \$	11.20	\$11.61

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3697	06/04/13	6	1	23	\$3.28	\$ 21.48	\$20.33	3697	0 \$	- \$	11.20	\$8.25
3698	06/04/13	6	2	22	\$2.82	\$ 21.32	\$20.33	3698	0 \$	- \$	11.20	\$7.11
3699	06/04/13	6	3	22	\$3.33	\$ 21.32	\$20.33	3699	0 \$	- \$	11.19	\$8.39
3700	06/04/13	6	4	22	\$3.37	\$ 21.32	\$20.19	3700	0 \$	- \$	11.19	\$8.47
3701	06/04/13	6	5	22	\$3.45	\$ 21.32	\$20.19	3701	0 \$	- \$	11.19	\$8.68
3702	06/04/13	6	6	23	\$5.12	\$ 21.48	\$20.33	3702	0 \$	- \$	11.18	\$12.90
3703	06/04/13	6	7	24	\$6.58	\$ 21.76	\$20.59	3703	0 \$	- \$	11.18	\$16.57
3704	06/04/13	6	8	25	\$7.85	\$ 22.23	\$21.03	3704	0 \$	- \$	11.18	\$19.77
3705	06/04/13	6	9	26	\$8.03	\$ 22.95	\$21.75	3705	0 \$	- \$	11.18	\$20.21
3706	06/04/13	6	10	26	\$8.28	\$ 22.95	\$21.75	3706	0 \$	- \$	11.17	\$20.84
3707	06/04/13	6	11	27	\$8.89	\$ 24.09	\$22.90	3707	0 \$	- \$	11.17	\$22.37
3708	06/04/13	6	12	27	\$8.91	\$ 24.09	\$22.90	3708	0 \$	- \$	11.17	\$22.43
3709	06/04/13	6	13	27	\$8.98	\$ 24.09	\$22.90	3709	0 \$	- \$	11.16	\$22.61
3710	06/04/13	6	14	27	\$9.16	\$ 24.09	\$22.90	3710	0 \$	- \$	11.16	\$23.05
3711	06/04/13	6	15	27	\$9.48	\$ 24.09	\$22.90	3711	0 \$	- \$	11.16	\$23.85
3712	06/04/13	6	16	27	\$9.32	\$ 24.09	\$22.90	3712	0 \$	- \$	11.15	\$23.45
3713	06/04/13	6	17	27	\$9.48	\$ 24.09	\$22.90	3713	0 \$	- \$	11.15	\$23.87
3714	06/04/13	6	18	26	\$9.12	\$ 22.95	\$21.75	3714	0 \$	- \$	11.15	\$22.95
3715	06/04/13	6	19	26	\$8.87	\$ 22.95	\$21.75	3715	0 \$	- \$	11.15	\$22.33
3716	06/04/13	6	20	26	\$9.15	\$ 22.95	\$21.75	3716	0 \$	- \$	11.14	\$23.03
3717	06/04/13	6	21	26	\$10.46	\$ 22.95	\$21.75	3717	0 \$	- \$	11.14	\$26.33
3718	06/04/13	6	22	26	\$9.74	\$ 22.95	\$21.75	3718	0 \$	- \$	11.14	\$24.51
3719	06/04/13	6	23	25	\$8.37	\$ 22.23	\$21.03	3719	0 \$	- \$	11.13	\$21.06
3720	06/04/13	6	24	24	\$7.99	\$ 21.76	\$20.59	3720	0 \$	- \$	11.13	\$20.11
3721	06/05/13	6	1	23	\$6.39	\$ 21.48	\$20.33	3721	0 \$	- \$	11.13	\$16.09
3722	06/05/13	6	2	22	\$6.17	\$ 21.32	\$20.33	3722	0 \$	- \$	11.12	\$15.52
3723	06/05/13	6	3	22	\$5.77	\$ 21.32	\$20.33	3723	0 \$	- \$	11.12	\$14.52
3724	06/05/13	6	4	22	\$5.94	\$ 21.32	\$20.19	3724	0 \$	- \$	11.12	\$14.94
3725	06/05/13	6	5	22	\$6.36	\$ 21.32	\$20.19	3725	0 \$	- \$	11.12	\$16.01
3726	06/05/13	6	6	23	\$7.06	\$ 21.48	\$20.33	3726	0 \$	- \$	11.11	\$17.77
3727	06/05/13	6	7	24	\$7.37	\$ 21.76	\$20.59	3727	0 \$	- \$	11.11	\$18.54
3728	06/05/13	6	8	26	\$8.15	\$ 22.95	\$21.03	3728	0 \$	- \$	11.11	\$20.51
3729	06/05/13	6	9	27	\$8.61	\$ 24.09	\$21.75	3729	0 \$	- \$	11.10	\$21.66
3730	06/05/13	6	10	27	\$8.39	\$ 24.09	\$21.75	3730	0 \$	- \$	11.10	\$21.12
3731	06/05/13	6	11	27	\$9.18	\$ 24.09	\$22.90	3731	0 \$	- \$	11.10	\$23.11
3732	06/05/13	6	12	27	\$9.98	\$ 24.09	\$22.90	3732	0 \$	- \$	11.10	\$25.11
3733	06/05/13	6	13	27	\$9.96	\$ 24.09	\$22.90	3733	0 \$	- \$	11.09	\$25.07
3734	06/05/13	6	14	27	\$10.70	\$ 24.09	\$22.90	3734	0 \$	- \$	11.09	\$26.94
3735	06/05/13	6	15	27	\$10.76	\$ 24.09	\$22.90	3735	0 \$	- \$	11.09	\$27.09
3736	06/05/13	6	16	27	\$10.50	\$ 24.09	\$22.90	3736	0 \$	- \$	11.08	\$26.43
3737	06/05/13	6	17	26	\$10.75	\$ 22.95	\$21.75	3737	0 \$	- \$	11.08	\$27.06
3738	06/05/13	6	18	26	\$10.28	\$ 22.95	\$21.03	3738	0 \$	- \$	11.08	\$25.87
3739	06/05/13	6	19	25	\$10.70	\$ 22.23	\$21.03	3739	0 \$	- \$	11.07	\$26.93
3740	06/05/13	6	20	26	\$10.71	\$ 22.95	\$21.75	3740	0 \$	- \$	11.07	\$26.97
3741	06/05/13	6	21	25	\$12.10	\$ 22.23	\$21.03	3741	0 \$	- \$	11.07	\$30.45
3742	06/05/13	6	22	24	\$10.78	\$ 21.76	\$21.03	3742	0 \$	- \$	11.07	\$27.14
3743	06/05/13	6	23	25	\$8.37	\$ 22.23	\$21.03	3743	0 \$	- \$	11.06	\$21.07
3744	06/05/13	6	24	24	\$7.89	\$ 21.76	\$20.59	3744	0 \$	- \$	11.06	\$19.86
3745	06/06/13	6	1	23	\$7.46	\$ 21.48	\$20.33	3745	0 \$	- \$	11.06	\$18.77
3746	06/06/13	6	2	22	\$7.21	\$ 21.32	\$20.19	3746	0 \$	- \$	11.05	\$18.15
3747	06/06/13	6	3	22	\$7.14	\$ 21.32	\$20.19	3747	0 \$	- \$	11.05	\$17.98
3748	06/06/13	6	4	22	\$7.05	\$ 21.32	\$20.19	3748	0 \$	- \$	11.05	\$17.75
3749	06/06/13	6	5	22	\$7.28	\$ 21.32	\$20.19	3749	0 \$	- \$	11.04	\$18.33
3750	06/06/13	6	6	23	\$7.92	\$ 21.48	\$20.33	3750	0 \$	- \$	11.04	\$19.94
3751	06/06/13	6	7	24	\$8.23	\$ 21.76	\$20.59	3751	0 \$	- \$	11.04	\$20.72
3752	06/06/13	6	8	26	\$11.34	\$ 22.95	\$21.03	3752	0 \$	- \$	11.04	\$28.55

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3753	06/06/13	6	9	27	\$11.50	\$ 24.09	\$21.75	3753	0 \$	- \$	11.03	\$28.95
3754	06/06/13	6	10	27	\$11.68	\$ 24.09	\$22.90	3754	0 \$	- \$	11.03	\$29.40
3755	06/06/13	6	11	27	\$12.97	\$ 24.09	\$22.90	3755	0 \$	- \$	11.03	\$32.64
3756	06/06/13	6	12	28	\$13.30	\$ 25.89	\$22.90	3756	0 \$	- \$	11.02	\$33.48
3757	06/06/13	6	13	28	\$13.34	\$ 25.89	\$22.90	3757	0 \$	- \$	11.02	\$33.57
3758	06/06/13	6	14	27	\$13.71	\$ 24.09	\$22.90	3758	0 \$	- \$	11.02	\$34.50
3759	06/06/13	6	15	27	\$13.39	\$ 24.09	\$22.90	3759	0 \$	- \$	11.02	\$33.70
3760	06/06/13	6	16	27	\$11.67	\$ 24.09	\$22.90	3760	0 \$	- \$	11.01	\$29.38
3761	06/06/13	6	17	27	\$11.34	\$ 24.09	\$22.90	3761	0 \$	- \$	11.01	\$28.54
3762	06/06/13	6	18	26	\$11.07	\$ 22.95	\$21.75	3762	0 \$	- \$	11.01	\$27.87
3763	06/06/13	6	19	26	\$10.14	\$ 22.95	\$21.75	3763	0 \$	- \$	11.00	\$25.52
3764	06/06/13	6	20	26	\$10.19	\$ 22.95	\$21.75	3764	0 \$	- \$	11.00	\$25.65
3765	06/06/13	6	21	26	\$11.13	\$ 22.95	\$21.75	3765	0 \$	- \$	11.00	\$28.01
3766	06/06/13	6	22	26	\$9.78	\$ 22.95	\$21.75	3766	0 \$	- \$	10.99	\$24.62
3767	06/06/13	6	23	25	\$8.20	\$ 22.23	\$21.03	3767	0 \$	- \$	10.99	\$20.63
3768	06/06/13	6	24	24	\$7.77	\$ 21.76	\$20.59	3768	0 \$	- \$	10.99	\$19.55
3769	06/07/13	6	1	23	\$7.77	\$ 21.48	\$20.33	3769	0 \$	- \$	10.99	\$19.56
3770	06/07/13	6	2	22	\$7.54	\$ 21.32	\$20.19	3770	0 \$	- \$	10.98	\$18.98
3771	06/07/13	6	3	22	\$7.45	\$ 21.32	\$20.19	3771	0 \$	- \$	10.98	\$18.76
3772	06/07/13	6	4	22	\$7.47	\$ 21.32	\$20.19	3772	0 \$	- \$	10.98	\$18.79
3773	06/07/13	6	5	22	\$7.71	\$ 21.32	\$20.19	3773	0 \$	- \$	10.97	\$19.40
3774	06/07/13	6	6	22	\$8.35	\$ 21.32	\$20.19	3774	0 \$	- \$	10.97	\$21.02
3775	06/07/13	6	7	23	\$10.75	\$ 21.48	\$20.33	3775	0 \$	- \$	10.97	\$27.05
3776	06/07/13	6	8	25	\$11.80	\$ 22.23	\$21.03	3776	0 \$	- \$	10.97	\$29.71
3777	06/07/13	6	9	26	\$12.18	\$ 22.95	\$21.03	3777	0 \$	- \$	10.96	\$30.65
3778	06/07/13	6	10	25	\$13.07	\$ 22.23	\$21.03	3778	0 \$	- \$	10.96	\$32.89
3779	06/07/13	6	11	26	\$14.21	\$ 22.95	\$21.03	3779	0 \$	- \$	10.96	\$35.77
3780	06/07/13	6	12	26	\$14.66	\$ 22.95	\$21.03	3780	0 \$	- \$	10.95	\$36.91
3781	06/07/13	6	13	26	\$14.60	\$ 22.95	\$21.75	3781	0 \$	- \$	10.95	\$36.74
3782	06/07/13	6	14	26	\$14.65	\$ 22.95	\$21.75	3782	0 \$	- \$	10.95	\$36.88
3783	06/07/13	6	15	25	\$14.51	\$ 22.23	\$21.03	3783	0 \$	- \$	10.95	\$36.53
3784	06/07/13	6	16	25	\$13.85	\$ 22.23	\$21.03	3784	0 \$	- \$	10.94	\$34.87
3785	06/07/13	6	17	25	\$13.65	\$ 22.23	\$21.03	3785	0 \$	- \$	10.94	\$34.36
3786	06/07/13	6	18	26	\$12.66	\$ 22.95	\$21.75	3786	0 \$	- \$	10.94	\$31.87
3787	06/07/13	6	19	26	\$11.80	\$ 22.95	\$21.75	3787	0 \$	- \$	10.93	\$29.71
3788	06/07/13	6	20	25	\$11.08	\$ 22.23	\$21.03	3788	0 \$	- \$	10.93	\$27.88
3789	06/07/13	6	21	25	\$12.16	\$ 22.23	\$21.03	3789	0 \$	- \$	10.93	\$30.62
3790	06/07/13	6	22	25	\$10.85	\$ 22.23	\$21.03	3790	0 \$	- \$	10.93	\$27.32
3791	06/07/13	6	23	24	\$9.08	\$ 21.76	\$21.03	3791	0 \$	- \$	10.92	\$22.85
3792	06/07/13	6	24	23	\$8.09	\$ 21.48	\$20.33	3792	0 \$	- \$	10.92	\$20.37
3793	06/08/13	6	1	22	\$7.62	\$ 21.32	\$20.33	3793	0 \$	- \$	10.92	\$19.19
3794	06/08/13	6	2	22	\$6.99	\$ 21.32	\$20.19	3794	0 \$	- \$	10.91	\$17.59
3795	06/08/13	6	3	21	\$6.67	\$ 21.25	\$20.19	3795	0 \$	- \$	10.91	\$16.79
3796	06/08/13	6	4	21	\$6.50	\$ 21.25	\$20.19	3796	0 \$	- \$	10.91	\$16.35
3797	06/08/13	6	5	21	\$6.42	\$ 21.25	\$20.19	3797	0 \$	- \$	10.91	\$16.16
3798	06/08/13	6	6	21	\$6.25	\$ 21.25	\$20.13	3798	0 \$	- \$	10.90	\$15.73
3799	06/08/13	6	7	21	\$5.86	\$ 21.25	\$20.19	3799	0 \$	- \$	10.90	\$14.75
3800	06/08/13	6	8	22	\$7.06	\$ 21.32	\$20.33	3800	0 \$	- \$	10.90	\$17.78
3801	06/08/13	6	9	23	\$7.02	\$ 21.48	\$20.33	3801	0 \$	- \$	10.89	\$17.66
3802	06/08/13	6	10	24	\$6.91	\$ 21.76	\$20.59	3802	0 \$	- \$	10.89	\$17.39
3803	06/08/13	6	11	24	\$6.84	\$ 21.76	\$20.33	3803	0 \$	- \$	10.89	\$17.21
3804	06/08/13	6	12	24	\$6.07	\$ 21.76	\$20.59	3804	0 \$	- \$	10.89	\$15.28
3805	06/08/13	6	13	25	\$5.09	\$ 22.23	\$20.59	3805	0 \$	- \$	10.88	\$12.82
3806	06/08/13	6	14	25	\$4.67	\$ 22.23	\$21.03	3806	0 \$	- \$	10.88	\$11.75
3807	06/08/13	6	15	24	\$4.16	\$ 21.76	\$20.59	3807	0 \$	- \$	10.88	\$10.47
3808	06/08/13	6	16	24	\$3.91	\$ 21.76	\$20.59	3808	0 \$	- \$	10.87	\$9.83

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3809	06/08/13	6	17	24	\$4.39	\$ 21.76	\$20.59	3809	0 \$	- \$	10.87	\$11.06
3810	06/08/13	6	18	24	\$4.21	\$ 21.76	\$20.59	3810	0 \$	- \$	10.87	\$10.60
3811	06/08/13	6	19	24	\$4.31	\$ 21.76	\$20.59	3811	0 \$	- \$	10.87	\$10.85
3812	06/08/13	6	20	24	\$4.04	\$ 21.76	\$20.59	3812	0 \$	- \$	10.86	\$10.17
3813	06/08/13	6	21	24	\$3.18	\$ 21.76	\$20.59	3813	0 \$	- \$	10.86	\$8.01
3814	06/08/13	6	22	24	\$2.81	\$ 21.76	\$20.59	3814	0 \$	- \$	10.86	\$7.07
3815	06/08/13	6	23	23	\$3.30	\$ 21.48	\$20.59	3815	0 \$	- \$	10.85	\$8.30
3816	06/08/13	6	24	22	\$1.95	\$ 21.32	\$20.33	3816	0 \$	- \$	10.85	\$4.91
3817	06/09/13	6	1	22	-\$1.47	\$ 21.32	\$20.19	3817	0 \$	- \$	10.85	-\$3.69
3818	06/09/13	6	2	21	-\$1.61	\$ 21.25	\$20.19	3818	0 \$	- \$	10.85	-\$4.04
3819	06/09/13	6	3	21	-\$1.14	\$ 21.25	\$20.13	3819	0 \$	- \$	10.84	-\$2.86
3820	06/09/13	6	4	21	-\$0.83	\$ 21.25	\$20.13	3820	0 \$	- \$	10.84	-\$2.08
3821	06/09/13	6	5	21	-\$0.55	\$ 21.25	\$20.13	3821	0 \$	- \$	10.84	-\$1.39
3822	06/09/13	6	6	20	\$0.76	\$ 21.22	\$20.13	3822	0 \$	- \$	10.83	\$1.92
3823	06/09/13	6	7	20	\$1.68	\$ 21.22	\$20.10	3823	0 \$	- \$	10.83	\$4.24
3824	06/09/13	6	8	21	\$4.53	\$ 21.25	\$20.13	3824	0 \$	- \$	10.83	\$11.39
3825	06/09/13	6	9	21	\$5.27	\$ 21.25	\$20.19	3825	0 \$	- \$	10.83	\$13.27
3826	06/09/13	6	10	22	\$5.94	\$ 21.32	\$20.19	3826	0 \$	- \$	10.82	\$14.95
3827	06/09/13	6	11	23	\$5.86	\$ 21.48	\$20.33	3827	0 \$	- \$	10.82	\$14.74
3828	06/09/13	6	12	24	\$6.41	\$ 21.76	\$20.59	3828	0 \$	- \$	10.82	\$16.14
3829	06/09/13	6	13	23	\$7.06	\$ 21.48	\$20.33	3829	0 \$	- \$	10.81	\$17.77
3830	06/09/13	6	14	23	\$7.04	\$ 21.48	\$20.33	3830	0 \$	- \$	10.81	\$17.73
3831	06/09/13	6	15	23	\$6.35	\$ 21.48	\$20.33	3831	0 \$	- \$	10.81	\$15.98
3832	06/09/13	6	16	23	\$6.71	\$ 21.48	\$20.33	3832	0 \$	- \$	10.81	\$16.90
3833	06/09/13	6	17	23	\$7.56	\$ 21.48	\$20.33	3833	0 \$	- \$	10.80	\$19.03
3834	06/09/13	6	18	24	\$8.02	\$ 21.76	\$20.59	3834	0 \$	- \$	10.80	\$20.18
3835	06/09/13	6	19	24	\$8.23	\$ 21.76	\$20.59	3835	0 \$	- \$	10.80	\$20.71
3836	06/09/13	6	20	24	\$8.41	\$ 21.76	\$20.59	3836	0 \$	- \$	10.79	\$21.17
3837	06/09/13	6	21	24	\$8.76	\$ 21.76	\$20.59	3837	0 \$	- \$	10.79	\$22.05
3838	06/09/13	6	22	24	\$8.57	\$ 21.76	\$20.59	3838	0 \$	- \$	10.79	\$21.57
3839	06/09/13	6	23	23	\$8.14	\$ 21.48	\$20.33	3839	0 \$	- \$	10.79	\$20.49
3840	06/09/13	6	24	22	\$7.56	\$ 21.32	\$20.19	3840	0 \$	- \$	10.78	\$19.03
3841	06/10/13	6	1	22	\$7.41	\$ 21.32	\$20.19	3841	0 \$	- \$	10.78	\$18.66
3842	06/10/13	6	2	21	\$7.17	\$ 21.25	\$20.13	3842	0 \$	- \$	10.78	\$18.04
3843	06/10/13	6	3	21	\$6.94	\$ 21.25	\$20.13	3843	0 \$	- \$	10.77	\$17.48
3844	06/10/13	6	4	21	\$7.03	\$ 21.25	\$20.13	3844	0 \$	- \$	10.77	\$17.69
3845	06/10/13	6	5	21	\$7.22	\$ 21.25	\$20.13	3845	0 \$	- \$	10.77	\$18.18
3846	06/10/13	6	6	22	\$7.94	\$ 21.32	\$20.19	3846	0 \$	- \$	10.77	\$19.98
3847	06/10/13	6	7	23	\$9.35	\$ 21.48	\$20.33	3847	0 \$	- \$	10.76	\$23.53
3848	06/10/13	6	8	25	\$10.71	\$ 22.23	\$20.59	3848	0 \$	- \$	10.76	\$26.95
3849	06/10/13	6	9	25	\$11.13	\$ 22.23	\$20.59	3849	0 \$	- \$	10.76	\$28.02
3850	06/10/13	6	10	26	\$11.50	\$ 22.95	\$20.33	3850	0 \$	- \$	10.75	\$28.95
3851	06/10/13	6	11	26	\$13.12	\$ 22.95	\$20.33	3851	0 \$	- \$	10.75	\$33.03
3852	06/10/13	6	12	26	\$14.25	\$ 22.95	\$20.33	3852	0 \$	- \$	10.75	\$35.87
3853	06/10/13	6	13	26	\$14.52	\$ 22.95	\$20.59	3853	0 \$	- \$	10.75	\$36.56
3854	06/10/13	6	14	27	\$14.91	\$ 24.09	\$21.75	3854	0 \$	- \$	10.74	\$37.52
3855	06/10/13	6	15	27	\$14.70	\$ 24.09	\$22.90	3855	0 \$	- \$	10.74	\$37.01
3856	06/10/13	6	16	28	\$14.59	\$ 25.89	\$22.90	3856	0 \$	- \$	10.74	\$36.72
3857	06/10/13	6	17	28	\$14.83	\$ 25.89	\$24.69	3857	0 \$	- \$	10.74	\$37.34
3858	06/10/13	6	18	28	\$13.25	\$ 25.89	\$24.69	3858	0 \$	- \$	10.73	\$33.34
3859	06/10/13	6	19	28	\$12.39	\$ 25.89	\$24.69	3859	0 \$	- \$	10.73	\$31.19
3860	06/10/13	6	20	28	\$10.81	\$ 25.89	\$24.69	3860	0 \$	- \$	10.73	\$27.21
3861	06/10/13	6	21	29	\$12.08	\$ 28.65	\$27.35	3861	0 \$	- \$	10.72	\$30.41
3862	06/10/13	6	22	29	\$11.14	\$ 28.65	\$27.35	3862	0 \$	- \$	10.72	\$28.05
3863	06/10/13	6	23	27	\$8.73	\$ 24.09	\$22.90	3863	0 \$	- \$	10.72	\$21.98
3864	06/10/13	6	24	25	\$7.72	\$ 22.23	\$21.75	3864	0 \$	- \$	10.72	\$19.43

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3865	06/11/13	6	1	25	\$7.30	\$ 22.23	\$21.03	3865	0 \$	- \$	10.71	\$18.37
3866	06/11/13	6	2	24	\$7.00	\$ 21.76	\$20.59	3866	0 \$	- \$	10.71	\$17.63
3867	06/11/13	6	3	23	\$6.86	\$ 21.48	\$20.59	3867	0 \$	- \$	10.71	\$17.26
3868	06/11/13	6	4	23	\$6.90	\$ 21.48	\$20.33	3868	0 \$	- \$	10.70	\$17.36
3869	06/11/13	6	5	23	\$7.40	\$ 21.48	\$20.59	3869	0 \$	- \$	10.70	\$18.62
3870	06/11/13	6	6	24	\$7.75	\$ 21.76	\$20.59	3870	0 \$	- \$	10.70	\$19.50
3871	06/11/13	6	7	25	\$8.72	\$ 22.23	\$21.03	3871	0 \$	- \$	10.70	\$21.96
3872	06/11/13	6	8	27	\$11.14	\$ 24.09	\$22.90	3872	0 \$	- \$	10.69	\$28.03
3873	06/11/13	6	9	28	\$11.85	\$ 25.89	\$24.69	3873	0 \$	- \$	10.69	\$29.83
3874	06/11/13	6	10	29	\$12.82	\$ 28.65	\$24.69	3874	0 \$	- \$	10.69	\$32.26
3875	06/11/13	6	11	30	\$14.24	\$ 32.53	\$27.35	3875	0 \$	- \$	10.69	\$35.85
3876	06/11/13	6	12	30	\$14.78	\$ 32.53	\$31.07	3876	0 \$	- \$	10.68	\$37.20
3877	06/11/13	6	13	31	\$15.63	\$ 38.08	\$36.21	3877	0 \$	- \$	10.68	\$39.33
3878	06/11/13	6	14	32	\$17.09	\$ 45.72	\$43.07	3878	0 \$	- \$	10.68	\$43.01
3879	06/11/13	6	15	33	\$16.66	\$ 56.49	\$51.98	3879	0 \$	- \$	10.67	\$41.93
3880	06/11/13	6	16	33	\$16.30	\$ 56.49	\$51.98	3880	0 \$	- \$	10.67	\$41.02
3881	06/11/13	6	17	33	\$16.25	\$ 56.49	\$51.98	3881	0 \$	- \$	10.67	\$40.91
3882	06/11/13	6	18	33	\$13.69	\$ 56.49	\$51.98	3882	0 \$	- \$	10.67	\$34.46
3883	06/11/13	6	19	33	\$13.20	\$ 56.49	\$64.21	3883	0 \$	- \$	10.66	\$33.23
3884	06/11/13	6	20	33	\$13.05	\$ 56.49	\$51.98	3884	0 \$	- \$	10.66	\$32.84
3885	06/11/13	6	21	33	\$13.49	\$ 56.49	\$51.98	3885	0 \$	- \$	10.66	\$33.96
3886	06/11/13	6	22	32	\$11.28	\$ 45.72	\$51.98	3886	0 \$	- \$	10.66	\$28.40
3887	06/11/13	6	23	31	\$8.40	\$ 38.08	\$36.21	3887	0 \$	- \$	10.65	\$21.14
3888	06/11/13	6	24	28	\$7.48	\$ 25.89	\$27.35	3888	0 \$	- \$	10.65	\$18.84
3889	06/12/13	6	1	27	\$5.30	\$ 24.09	\$24.69	3889	0 \$	- \$	10.65	\$13.35
3890	06/12/13	6	2	26	\$5.24	\$ 22.95	\$22.90	3890	0 \$	- \$	10.64	\$13.19
3891	06/12/13	6	3	25	\$5.40	\$ 22.23	\$21.75	3891	0 \$	- \$	10.64	\$13.59
3892	06/12/13	6	4	25	\$5.72	\$ 22.23	\$21.03	3892	0 \$	- \$	10.64	\$14.41
3893	06/12/13	6	5	25	\$5.92	\$ 22.23	\$21.03	3893	0 \$	- \$	10.64	\$14.89
3894	06/12/13	6	6	26	\$5.91	\$ 22.95	\$21.75	3894	0 \$	- \$	10.63	\$14.87
3895	06/12/13	6	7	27	\$6.85	\$ 24.09	\$22.90	3895	0 \$	- \$	10.63	\$17.24
3896	06/12/13	6	8	29	\$8.81	\$ 28.65	\$27.35	3896	0 \$	- \$	10.63	\$22.18
3897	06/12/13	6	9	30	\$9.65	\$ 32.53	\$31.07	3897	0 \$	- \$	10.63	\$24.29
3898	06/12/13	6	10	31	\$10.48	\$ 38.08	\$36.21	3898	0 \$	- \$	10.62	\$26.38
3899	06/12/13	6	11	32	\$11.49	\$ 45.72	\$43.07	3899	0 \$	- \$	10.62	\$28.91
3900	06/12/13	6	12	34	\$11.50	\$ 72.00	\$51.98	3900	0 \$	- \$	10.62	\$28.95
3901	06/12/13	6	13	34	\$11.68	\$ 72.00	\$64.21	3901	0 \$	- \$	10.61	\$29.39
3902	06/12/13	6	14	35	\$13.01	\$ 93.21	\$64.21	3902	0 \$	- \$	10.61	\$32.75
3903	06/12/13	6	15	36	\$12.73	\$ 121.32	\$81.20	3903	0 \$	- \$	10.61	\$32.03
3904	06/12/13	6	16	35	\$13.03	\$ 93.21	\$81.20	3904	0 \$	- \$	10.61	\$32.79
3905	06/12/13	6	17	35	\$12.06	\$ 93.21	\$81.20	3905	0 \$	- \$	10.60	\$30.35
3906	06/12/13	6	18	34	\$11.04	\$ 72.00	\$64.21	3906	0 \$	- \$	10.60	\$27.79
3907	06/12/13	6	19	33	\$10.55	\$ 56.49	\$51.98	3907	0 \$	- \$	10.60	\$26.55
3908	06/12/13	6	20	32	\$10.21	\$ 45.72	\$36.21	3908	0 \$	- \$	10.60	\$25.69
3909	06/12/13	6	21	30	\$10.58	\$ 32.53	\$31.07	3909	0 \$	- \$	10.59	\$26.64
3910	06/12/13	6	22	30	\$9.54	\$ 32.53	\$31.07	3910	0 \$	- \$	10.59	\$24.01
3911	06/12/13	6	23	28	\$7.79	\$ 25.89	\$24.69	3911	0 \$	- \$	10.59	\$19.60
3912	06/12/13	6	24	26	\$6.92	\$ 22.95	\$21.75	3912	0 \$	- \$	10.58	\$17.41
3913	06/13/13	6	1	25	\$6.16	\$ 22.23	\$21.03	3913	0 \$	- \$	10.58	\$15.51
3914	06/13/13	6	2	24	\$6.25	\$ 21.76	\$20.59	3914	0 \$	- \$	10.58	\$15.72
3915	06/13/13	6	3	24	\$6.40	\$ 21.76	\$20.59	3915	0 \$	- \$	10.58	\$16.10
3916	06/13/13	6	4	23	\$6.83	\$ 21.48	\$20.33	3916	0 \$	- \$	10.57	\$17.20
3917	06/13/13	6	5	23	\$7.14	\$ 21.48	\$20.33	3917	0 \$	- \$	10.57	\$17.97
3918	06/13/13	6	6	24	\$7.54	\$ 21.76	\$20.59	3918	0 \$	- \$	10.57	\$18.99
3919	06/13/13	6	7	25	\$8.01	\$ 22.23	\$20.59	3919	0 \$	- \$	10.57	\$20.15
3920	06/13/13	6	8	27	\$10.06	\$ 24.09	\$21.75	3920	0 \$	- \$	10.56	\$25.33

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3921	06/13/13	6	9	28	\$10.82	\$ 25.89	\$22.90	3921	0 \$	- \$	10.56	\$27.23
3922	06/13/13	6	10	29	\$13.07	\$ 28.65	\$27.35	3922	0 \$	- \$	10.56	\$32.89
3923	06/13/13	6	11	30	\$14.58	\$ 32.53	\$27.35	3923	0 \$	- \$	10.55	\$36.71
3924	06/13/13	6	12	31	\$18.84	\$ 38.08	\$31.07	3924	0 \$	- \$	10.55	\$47.43
3925	06/13/13	6	13	31	\$22.30	\$ 38.08	\$36.21	3925	0 \$	- \$	10.55	\$56.13
3926	06/13/13	6	14	30	\$25.61	\$ 32.53	\$31.07	3926	0 \$	- \$	10.55	\$64.45
3927	06/13/13	6	15	31	\$28.84	\$ 38.08	\$36.21	3927	0 \$	- \$	10.54	\$72.59
3928	06/13/13	6	16	31	\$27.48	\$ 38.08	\$36.21	3928	0 \$	- \$	10.54	\$69.16
3929	06/13/13	6	17	32	\$29.08	\$ 45.72	\$43.07	3929	0 \$	- \$	10.54	\$73.19
3930	06/13/13	6	18	32	\$16.81	\$ 45.72	\$43.07	3930	0 \$	- \$	10.54	\$42.32
3931	06/13/13	6	19	31	\$16.21	\$ 38.08	\$36.21	3931	0 \$	- \$	10.53	\$40.79
3932	06/13/13	6	20	31	\$14.60	\$ 38.08	\$31.07	3932	0 \$	- \$	10.53	\$36.74
3933	06/13/13	6	21	30	\$11.62	\$ 32.53	\$31.07	3933	0 \$	- \$	10.53	\$29.24
3934	06/13/13	6	22	30	\$10.20	\$ 32.53	\$31.07	3934	0 \$	- \$	10.53	\$25.67
3935	06/13/13	6	23	28	\$8.92	\$ 25.89	\$24.69	3935	0 \$	- \$	10.52	\$22.45
3936	06/13/13	6	24	27	\$8.13	\$ 24.09	\$22.90	3936	0 \$	- \$	10.52	\$20.47
3937	06/14/13	6	1	25	\$5.51	\$ 22.23	\$21.03	3937	0 \$	- \$	10.52	\$13.87
3938	06/14/13	6	2	24	\$4.91	\$ 21.76	\$20.59	3938	0 \$	- \$	10.51	\$12.35
3939	06/14/13	6	3	24	\$4.88	\$ 21.76	\$20.59	3939	0 \$	- \$	10.51	\$12.28
3940	06/14/13	6	4	23	\$4.68	\$ 21.48	\$20.33	3940	0 \$	- \$	10.51	\$11.78
3941	06/14/13	6	5	23	\$4.45	\$ 21.48	\$20.33	3941	0 \$	- \$	10.51	\$11.19
3942	06/14/13	6	6	24	\$4.80	\$ 21.76	\$20.59	3942	0 \$	- \$	10.50	\$12.08
3943	06/14/13	6	7	25	\$6.48	\$ 22.23	\$21.03	3943	0 \$	- \$	10.50	\$16.31
3944	06/14/13	6	8	26	\$7.28	\$ 22.95	\$21.75	3944	0 \$	- \$	10.50	\$18.33
3945	06/14/13	6	9	28	\$7.65	\$ 25.89	\$22.90	3945	0 \$	- \$	10.50	\$19.26
3946	06/14/13	6	10	28	\$7.70	\$ 25.89	\$24.69	3946	0 \$	- \$	10.49	\$19.38
3947	06/14/13	6	11	29	\$7.68	\$ 28.65	\$27.35	3947	0 \$	- \$	10.49	\$19.32
3948	06/14/13	6	12	29	\$7.70	\$ 28.65	\$27.35	3948	0 \$	- \$	10.49	\$19.37
3949	06/14/13	6	13	28	\$7.62	\$ 25.89	\$24.69	3949	0 \$	- \$	10.49	\$19.19
3950	06/14/13	6	14	28	\$7.66	\$ 25.89	\$22.90	3950	0 \$	- \$	10.48	\$19.29
3951	06/14/13	6	15	28	\$7.74	\$ 25.89	\$24.69	3951	0 \$	- \$	10.48	\$19.48
3952	06/14/13	6	16	29	\$7.95	\$ 28.65	\$31.07	3952	0 \$	- \$	10.48	\$20.00
3953	06/14/13	6	17	30	\$7.67	\$ 32.53	\$31.07	3953	0 \$	- \$	10.47	\$19.31
3954	06/14/13	6	18	29	\$7.33	\$ 28.65	\$27.35	3954	0 \$	- \$	10.47	\$18.45
3955	06/14/13	6	19	29	\$7.13	\$ 28.65	\$27.35	3955	0 \$	- \$	10.47	\$17.95
3956	06/14/13	6	20	28	\$7.14	\$ 25.89	\$27.35	3956	0 \$	- \$	10.47	\$17.96
3957	06/14/13	6	21	27	\$7.39	\$ 24.09	\$22.90	3957	0 \$	- \$	10.46	\$18.59
3958	06/14/13	6	22	27	\$6.84	\$ 24.09	\$22.90	3958	0 \$	- \$	10.46	\$17.22
3959	06/14/13	6	23	26	\$5.80	\$ 22.95	\$22.90	3959	0 \$	- \$	10.46	\$14.61
3960	06/14/13	6	24	25	\$5.21	\$ 22.23	\$21.03	3960	0 \$	- \$	10.46	\$13.12
3961	06/15/13	6	1	24	\$4.89	\$ 21.76	\$20.59	3961	0 \$	- \$	10.45	\$12.30
3962	06/15/13	6	2	23	\$4.56	\$ 21.48	\$20.33	3962	0 \$	- \$	10.45	\$11.48
3963	06/15/13	6	3	23	\$4.73	\$ 21.48	\$20.33	3963	0 \$	- \$	10.45	\$11.91
3964	06/15/13	6	4	23	\$4.75	\$ 21.48	\$20.33	3964	0 \$	- \$	10.45	\$11.95
3965	06/15/13	6	5	23	\$4.97	\$ 21.48	\$20.33	3965	0 \$	- \$	10.44	\$12.50
3966	06/15/13	6	6	23	\$5.29	\$ 21.48	\$20.33	3966	0 \$	- \$	10.44	\$13.32
3967	06/15/13	6	7	23	\$5.68	\$ 21.48	\$20.33	3967	0 \$	- \$	10.44	\$14.30
3968	06/15/13	6	8	23	\$7.00	\$ 21.48	\$20.59	3968	0 \$	- \$	10.44	\$17.63
3969	06/15/13	6	9	25	\$8.13	\$ 22.23	\$21.03	3969	0 \$	- \$	10.43	\$20.46
3970	06/15/13	6	10	26	\$9.35	\$ 22.95	\$21.75	3970	0 \$	- \$	10.43	\$23.54
3971	06/15/13	6	11	26	\$10.68	\$ 22.95	\$21.75	3971	0 \$	- \$	10.43	\$26.87
3972	06/15/13	6	12	27	\$11.35	\$ 24.09	\$22.90	3972	0 \$	- \$	10.42	\$28.58
3973	06/15/13	6	13	27	\$11.93	\$ 24.09	\$24.69	3973	0 \$	- \$	10.42	\$30.03
3974	06/15/13	6	14	28	\$12.47	\$ 25.89	\$24.69	3974	0 \$	- \$	10.42	\$31.39
3975	06/15/13	6	15	28	\$12.67	\$ 25.89	\$24.69	3975	0 \$	- \$	10.42	\$31.89
3976	06/15/13	6	16	28	\$13.31	\$ 25.89	\$24.69	3976	0 \$	- \$	10.41	\$33.50

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
3977	06/15/13	6	17	28	\$14.14	\$ 25.89	\$27.35	3977	0 \$	- \$	10.41	\$35.59
3978	06/15/13	6	18	28	\$14.56	\$ 25.89	\$27.35	3978	0 \$	- \$	10.41	\$36.65
3979	06/15/13	6	19	28	\$13.96	\$ 25.89	\$27.35	3979	0 \$	- \$	10.41	\$35.14
3980	06/15/13	6	20	28	\$11.84	\$ 25.89	\$24.69	3980	0 \$	- \$	10.40	\$29.80
3981	06/15/13	6	21	27	\$12.73	\$ 24.09	\$22.90	3981	0 \$	- \$	10.40	\$32.03
3982	06/15/13	6	22	27	\$11.37	\$ 24.09	\$24.69	3982	0 \$	- \$	10.40	\$28.63
3983	06/15/13	6	23	26	\$9.01	\$ 22.95	\$22.90	3983	0 \$	- \$	10.40	\$22.67
3984	06/15/13	6	24	25	\$8.24	\$ 22.23	\$21.03	3984	0 \$	- \$	10.39	\$20.74
3985	06/16/13	6	1	24	\$7.37	\$ 21.76	\$20.59	3985	0 \$	- \$	10.39	\$18.56
3986	06/16/13	6	2	23	\$6.50	\$ 21.48	\$20.33	3986	0 \$	- \$	10.39	\$16.35
3987	06/16/13	6	3	22	\$5.93	\$ 21.32	\$20.33	3987	0 \$	- \$	10.39	\$14.93
3988	06/16/13	6	4	22	\$5.68	\$ 21.32	\$20.33	3988	0 \$	- \$	10.38	\$14.29
3989	06/16/13	6	5	22	\$5.67	\$ 21.32	\$20.19	3989	0 \$	- \$	10.38	\$14.27
3990	06/16/13	6	6	22	\$5.49	\$ 21.32	\$20.19	3990	0 \$	- \$	10.38	\$13.82
3991	06/16/13	6	7	21	\$6.67	\$ 21.25	\$20.19	3991	0 \$	- \$	10.38	\$16.78
3992	06/16/13	6	8	22	\$8.08	\$ 21.32	\$20.19	3992	0 \$	- \$	10.37	\$20.33
3993	06/16/13	6	9	23	\$9.09	\$ 21.48	\$20.59	3993	0 \$	- \$	10.37	\$22.89
3994	06/16/13	6	10	24	\$10.03	\$ 21.76	\$21.03	3994	0 \$	- \$	10.37	\$25.24
3995	06/16/13	6	11	25	\$11.21	\$ 22.23	\$21.75	3995	0 \$	- \$	10.36	\$28.21
3996	06/16/13	6	12	27	\$11.64	\$ 24.09	\$22.90	3996	0 \$	- \$	10.36	\$29.29
3997	06/16/13	6	13	27	\$11.84	\$ 24.09	\$24.69	3997	0 \$	- \$	10.36	\$29.79
3998	06/16/13	6	14	28	\$12.96	\$ 25.89	\$24.69	3998	0 \$	- \$	10.36	\$32.63
3999	06/16/13	6	15	28	\$13.23	\$ 25.89	\$27.35	3999	0 \$	- \$	10.35	\$33.30
4000	06/16/13	6	16	29	\$14.46	\$ 28.65	\$27.35	4000	0 \$	- \$	10.35	\$36.39
4001	06/16/13	6	17	29	\$15.24	\$ 28.65	\$27.35	4001	0 \$	- \$	10.35	\$38.37
4002	06/16/13	6	18	29	\$15.77	\$ 28.65	\$27.35	4002	0 \$	- \$	10.35	\$39.70
4003	06/16/13	6	19	29	\$14.62	\$ 28.65	\$27.35	4003	0 \$	- \$	10.34	\$36.81
4004	06/16/13	6	20	29	\$12.59	\$ 28.65	\$27.35	4004	0 \$	- \$	10.34	\$31.68
4005	06/16/13	6	21	28	\$13.40	\$ 25.89	\$24.69	4005	0 \$	- \$	10.34	\$33.73
4006	06/16/13	6	22	27	\$11.56	\$ 24.09	\$24.69	4006	0 \$	- \$	10.34	\$29.09
4007	06/16/13	6	23	26	\$9.14	\$ 22.95	\$21.75	4007	0 \$	- \$	10.33	\$23.01
4008	06/16/13	6	24	24	\$8.46	\$ 21.76	\$21.03	4008	0 \$	- \$	10.33	\$21.30
4009	06/17/13	6	1	23	\$7.18	\$ 21.48	\$20.33	4009	0 \$	- \$	10.33	\$18.07
4010	06/17/13	6	2	22	\$6.85	\$ 21.32	\$20.33	4010	0 \$	- \$	10.33	\$17.24
4011	06/17/13	6	3	22	\$6.62	\$ 21.32	\$20.19	4011	0 \$	- \$	10.32	\$16.66
4012	06/17/13	6	4	22	\$6.48	\$ 21.32	\$20.19	4012	0 \$	- \$	10.32	\$16.32
4013	06/17/13	6	5	22	\$7.06	\$ 21.32	\$20.19	4013	0 \$	- \$	10.32	\$17.76
4014	06/17/13	6	6	23	\$7.58	\$ 21.48	\$20.33	4014	0 \$	- \$	10.32	\$19.07
4015	06/17/13	6	7	24	\$8.74	\$ 21.76	\$20.59	4015	0 \$	- \$	10.31	\$22.01
4016	06/17/13	6	8	26	\$10.77	\$ 22.95	\$21.75	4016	0 \$	- \$	10.31	\$27.11
4017	06/17/13	6	9	28	\$11.37	\$ 25.89	\$24.69	4017	0 \$	- \$	10.31	\$28.61
4018	06/17/13	6	10	29	\$13.23	\$ 28.65	\$27.35	4018	0 \$	- \$	10.31	\$33.29
4019	06/17/13	6	11	30	\$14.66	\$ 32.53	\$31.07	4019	0 \$	- \$	10.30	\$36.89
4020	06/17/13	6	12	31	\$16.76	\$ 38.08	\$36.21	4020	0 \$	- \$	10.30	\$42.19
4021	06/17/13	6	13	32	\$17.77	\$ 45.72	\$43.07	4021	0 \$	- \$	10.30	\$44.72
4022	06/17/13	6	14	33	\$18.68	\$ 56.49	\$51.98	4022	0 \$	- \$	10.30	\$47.01
4023	06/17/13	6	15	33	\$18.78	\$ 56.49	\$51.98	4023	0 \$	- \$	10.29	\$47.27
4024	06/17/13	6	16	33	\$18.48	\$ 56.49	\$64.21	4024	0 \$	- \$	10.29	\$46.52
4025	06/17/13	6	17	34	\$17.86	\$ 72.00	\$64.21	4025	0 \$	- \$	10.29	\$44.96
4026	06/17/13	6	18	34	\$16.01	\$ 72.00	\$64.21	4026	0 \$	- \$	10.28	\$40.30
4027	06/17/13	6	19	33	\$14.81	\$ 56.49	\$51.98	4027	0 \$	- \$	10.28	\$37.28
4028	06/17/13	6	20	32	\$13.88	\$ 45.72	\$43.07	4028	0 \$	- \$	10.28	\$34.93
4029	06/17/13	6	21	31	\$14.27	\$ 38.08	\$36.21	4029	0 \$	- \$	10.28	\$35.93
4030	06/17/13	6	22	31	\$12.30	\$ 38.08	\$36.21	4030	0 \$	- \$	10.27	\$30.96
4031	06/17/13	6	23	29	\$9.24	\$ 28.65	\$27.35	4031	0 \$	- \$	10.27	\$23.27
4032	06/17/13	6	24	27	\$8.33	\$ 24.09	\$22.90	4032	0 \$	- \$	10.27	\$20.96

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4033	06/18/13	6	1	25	\$8.13	\$ 22.23	\$21.75	4033	0 \$	- \$	10.27	\$20.46
4034	06/18/13	6	2	24	\$7.71	\$ 21.76	\$20.59	4034	0 \$	- \$	10.26	\$19.41
4035	06/18/13	6	3	23	\$7.65	\$ 21.48	\$20.33	4035	0 \$	- \$	10.26	\$19.26
4036	06/18/13	6	4	22	\$7.63	\$ 21.32	\$20.19	4036	0 \$	- \$	10.26	\$19.21
4037	06/18/13	6	5	22	\$7.85	\$ 21.32	\$20.19	4037	0 \$	- \$	10.26	\$19.76
4038	06/18/13	6	6	22	\$8.22	\$ 21.32	\$20.19	4038	0 \$	- \$	10.25	\$20.69
4039	06/18/13	6	7	23	\$9.84	\$ 21.48	\$20.33	4039	0 \$	- \$	10.25	\$24.76
4040	06/18/13	6	8	23	\$11.44	\$ 21.48	\$20.33	4040	0 \$	- \$	10.25	\$28.79
4041	06/18/13	6	9	24	\$11.97	\$ 21.76	\$20.59	4041	0 \$	- \$	10.25	\$30.12
4042	06/18/13	6	10	25	\$12.62	\$ 22.23	\$20.59	4042	0 \$	- \$	10.24	\$31.77
4043	06/18/13	6	11	26	\$13.52	\$ 22.95	\$21.75	4043	0 \$	- \$	10.24	\$34.03
4044	06/18/13	6	12	26	\$14.36	\$ 22.95	\$21.75	4044	0 \$	- \$	10.24	\$36.15
4045	06/18/13	6	13	27	\$15.00	\$ 24.09	\$22.90	4045	0 \$	- \$	10.24	\$37.76
4046	06/18/13	6	14	27	\$16.02	\$ 24.09	\$22.90	4046	0 \$	- \$	10.23	\$40.33
4047	06/18/13	6	15	28	\$17.32	\$ 25.89	\$24.69	4047	0 \$	- \$	10.23	\$43.59
4048	06/18/13	6	16	28	\$17.46	\$ 25.89	\$24.69	4048	0 \$	- \$	10.23	\$43.95
4049	06/18/13	6	17	29	\$17.64	\$ 28.65	\$27.35	4049	0 \$	- \$	10.23	\$44.39
4050	06/18/13	6	18	29	\$14.86	\$ 28.65	\$27.35	4050	0 \$	- \$	10.22	\$37.40
4051	06/18/13	6	19	29	\$14.37	\$ 28.65	\$31.07	4051	0 \$	- \$	10.22	\$36.17
4052	06/18/13	6	20	29	\$13.05	\$ 28.65	\$31.07	4052	0 \$	- \$	10.22	\$32.84
4053	06/18/13	6	21	30	\$13.51	\$ 32.53	\$31.07	4053	0 \$	- \$	10.22	\$34.01
4054	06/18/13	6	22	30	\$12.02	\$ 32.53	\$31.07	4054	0 \$	- \$	10.21	\$30.26
4055	06/18/13	6	23	28	\$8.65	\$ 25.89	\$27.35	4055	0 \$	- \$	10.21	\$21.78
4056	06/18/13	6	24	27	\$8.11	\$ 24.09	\$22.90	4056	0 \$	- \$	10.21	\$20.41
4057	06/19/13	6	1	25	\$6.89	\$ 22.23	\$21.75	4057	0 \$	- \$	10.21	\$17.35
4058	06/19/13	6	2	24	\$6.27	\$ 21.76	\$21.03	4058	0 \$	- \$	10.20	\$15.77
4059	06/19/13	6	3	24	\$6.30	\$ 21.76	\$20.59	4059	0 \$	- \$	10.20	\$15.86
4060	06/19/13	6	4	24	\$5.76	\$ 21.76	\$20.59	4060	0 \$	- \$	10.20	\$14.50
4061	06/19/13	6	5	23	\$6.04	\$ 21.48	\$20.59	4061	0 \$	- \$	10.20	\$15.20
4062	06/19/13	6	6	24	\$6.80	\$ 21.76	\$21.03	4062	0 \$	- \$	10.19	\$17.12
4063	06/19/13	6	7	25	\$7.45	\$ 22.23	\$21.03	4063	0 \$	- \$	10.19	\$18.76
4064	06/19/13	6	8	27	\$8.73	\$ 24.09	\$22.90	4064	0 \$	- \$	10.19	\$21.98
4065	06/19/13	6	9	28	\$9.23	\$ 25.89	\$24.69	4065	0 \$	- \$	10.19	\$23.23
4066	06/19/13	6	10	29	\$9.95	\$ 28.65	\$27.35	4066	0 \$	- \$	10.18	\$25.05
4067	06/19/13	6	11	31	\$10.73	\$ 38.08	\$36.21	4067	0 \$	- \$	10.18	\$27.02
4068	06/19/13	6	12	32	\$11.22	\$ 45.72	\$43.07	4068	0 \$	- \$	10.18	\$28.24
4069	06/19/13	6	13	33	\$10.98	\$ 56.49	\$51.98	4069	0 \$	- \$	10.18	\$27.64
4070	06/19/13	6	14	33	\$10.98	\$ 56.49	\$51.98	4070	0 \$	- \$	10.17	\$27.64
4071	06/19/13	6	15	34	\$11.14	\$ 72.00	\$64.21	4071	0 \$	- \$	10.17	\$28.05
4072	06/19/13	6	16	34	\$11.33	\$ 72.00	\$64.21	4072	0 \$	- \$	10.17	\$28.51
4073	06/19/13	6	17	34	\$11.17	\$ 72.00	\$81.20	4073	0 \$	- \$	10.17	\$28.12
4074	06/19/13	6	18	34	\$10.41	\$ 72.00	\$64.21	4074	0 \$	- \$	10.16	\$26.20
4075	06/19/13	6	19	33	\$9.53	\$ 56.49	\$64.21	4075	0 \$	- \$	10.16	\$24.00
4076	06/19/13	6	20	33	\$8.77	\$ 56.49	\$51.98	4076	0 \$	- \$	10.16	\$22.07
4077	06/19/13	6	21	32	\$8.59	\$ 45.72	\$43.07	4077	0 \$	- \$	10.16	\$21.61
4078	06/19/13	6	22	32	\$7.67	\$ 45.72	\$43.07	4078	0 \$	- \$	10.15	\$19.31
4079	06/19/13	6	23	30	\$4.84	\$ 32.53	\$36.21	4079	0 \$	- \$	10.15	\$12.18
4080	06/19/13	6	24	28	\$3.33	\$ 25.89	\$24.69	4080	0 \$	- \$	10.15	\$8.37
4081	06/20/13	6	1	26	\$2.81	\$ 22.95	\$22.90	4081	0 \$	- \$	10.15	\$7.07
4082	06/20/13	6	2	25	\$2.04	\$ 22.23	\$21.75	4082	0 \$	- \$	10.14	\$5.14
4083	06/20/13	6	3	24	\$2.10	\$ 21.76	\$21.03	4083	0 \$	- \$	10.14	\$5.28
4084	06/20/13	6	4	24	\$2.09	\$ 21.76	\$20.59	4084	0 \$	- \$	10.14	\$5.25
4085	06/20/13	6	5	23	\$2.56	\$ 21.48	\$20.59	4085	0 \$	- \$	10.14	\$6.44
4086	06/20/13	6	6	24	\$4.36	\$ 21.76	\$20.59	4086	0 \$	- \$	10.13	\$10.97
4087	06/20/13	6	7	25	\$6.26	\$ 22.23	\$21.03	4087	0 \$	- \$	10.13	\$15.75
4088	06/20/13	6	8	27	\$8.36	\$ 24.09	\$22.90	4088	0 \$	- \$	10.13	\$21.04

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4089	06/20/13	6	9	29	\$8.86	\$ 28.65	\$27.35	4089	0 \$	- \$	10.13	\$22.30
4090	06/20/13	6	10	30	\$9.84	\$ 32.53	\$31.07	4090	0 \$	- \$	10.12	\$24.78
4091	06/20/13	6	11	31	\$10.47	\$ 38.08	\$36.21	4091	0 \$	- \$	10.12	\$26.35
4092	06/20/13	6	12	32	\$10.68	\$ 45.72	\$43.07	4092	0 \$	- \$	10.12	\$26.87
4093	06/20/13	6	13	33	\$10.91	\$ 56.49	\$51.98	4093	0 \$	- \$	10.12	\$27.46
4094	06/20/13	6	14	34	\$11.23	\$ 72.00	\$64.21	4094	0 \$	- \$	10.11	\$28.26
4095	06/20/13	6	15	35	\$11.52	\$ 93.21	\$81.20	4095	0 \$	- \$	10.11	\$29.00
4096	06/20/13	6	16	36	\$11.81	\$ 121.32	\$105.08	4096	0 \$	- \$	10.11	\$29.73
4097	06/20/13	6	17	36	\$12.42	\$ 121.32	\$135.96	4097	0 \$	- \$	10.11	\$31.25
4098	06/20/13	6	18	37	\$11.81	\$ 156.65	\$135.96	4098	0 \$	- \$	10.10	\$29.73
4099	06/20/13	6	19	36	\$11.10	\$ 121.32	\$105.08	4099	0 \$	- \$	10.10	\$27.93
4100	06/20/13	6	20	35	\$9.92	\$ 93.21	\$81.20	4100	0 \$	- \$	10.10	\$24.96
4101	06/20/13	6	21	34	\$9.43	\$ 72.00	\$81.20	4101	0 \$	- \$	10.10	\$23.73
4102	06/20/13	6	22	34	\$8.13	\$ 72.00	\$64.21	4102	0 \$	- \$	10.09	\$20.47
4103	06/20/13	6	23	33	\$5.36	\$ 56.49	\$51.98	4103	0 \$	- \$	10.09	\$13.48
4104	06/20/13	6	24	31	\$4.17	\$ 38.08	\$36.21	4104	0 \$	- \$	10.09	\$10.49
4105	06/21/13	6	1	29	\$4.22	\$ 28.65	\$31.07	4105	0 \$	- \$	10.09	\$10.61
4106	06/21/13	6	2	28	\$4.14	\$ 25.89	\$27.35	4106	0 \$	- \$	10.08	\$10.41
4107	06/21/13	6	3	27	\$4.22	\$ 24.09	\$24.69	4107	0 \$	- \$	10.08	\$10.61
4108	06/21/13	6	4	27	\$4.31	\$ 24.09	\$24.69	4108	0 \$	- \$	10.08	\$10.85
4109	06/21/13	6	5	27	\$5.22	\$ 24.09	\$24.69	4109	0 \$	- \$	10.08	\$13.14
4110	06/21/13	6	6	28	\$5.99	\$ 25.89	\$24.69	4110	0 \$	- \$	10.07	\$15.07
4111	06/21/13	6	7	29	\$7.62	\$ 28.65	\$27.35	4111	0 \$	- \$	10.07	\$19.17
4112	06/21/13	6	8	30	\$9.90	\$ 32.53	\$36.21	4112	0 \$	- \$	10.07	\$24.92
4113	06/21/13	6	9	32	\$10.74	\$ 45.72	\$43.07	4113	0 \$	- \$	10.07	\$27.03
4114	06/21/13	6	10	33	\$12.35	\$ 56.49	\$51.98	4114	0 \$	- \$	10.06	\$31.08
4115	06/21/13	6	11	33	\$13.86	\$ 56.49	\$64.21	4115	0 \$	- \$	10.06	\$34.88
4116	06/21/13	6	12	33	\$14.35	\$ 56.49	\$64.21	4116	0 \$	- \$	10.06	\$36.11
4117	06/21/13	6	13	33	\$15.60	\$ 56.49	\$51.98	4117	0 \$	- \$	10.06	\$39.26
4118	06/21/13	6	14	33	\$17.26	\$ 56.49	\$64.21	4118	0 \$	- \$	10.06	\$43.45
4119	06/21/13	6	15	33	\$18.31	\$ 56.49	\$64.21	4119	0 \$	- \$	10.05	\$46.08
4120	06/21/13	6	16	33	\$18.47	\$ 56.49	\$64.21	4120	0 \$	- \$	10.05	\$46.49
4121	06/21/13	6	17	34	\$17.29	\$ 72.00	\$81.20	4121	0 \$	- \$	10.05	\$43.52
4122	06/21/13	6	18	34	\$15.43	\$ 72.00	\$81.20	4122	0 \$	- \$	10.05	\$38.85
4123	06/21/13	6	19	34	\$14.43	\$ 72.00	\$81.20	4123	0 \$	- \$	10.04	\$36.33
4124	06/21/13	6	20	34	\$12.94	\$ 72.00	\$64.21	4124	0 \$	- \$	10.04	\$32.57
4125	06/21/13	6	21	33	\$12.45	\$ 56.49	\$64.21	4125	0 \$	- \$	10.04	\$31.34
4126	06/21/13	6	22	33	\$10.36	\$ 56.49	\$51.98	4126	0 \$	- \$	10.04	\$26.07
4127	06/21/13	6	23	31	\$7.25	\$ 38.08	\$43.07	4127	0 \$	- \$	10.03	\$18.25
4128	06/21/13	6	24	30	\$6.03	\$ 32.53	\$36.21	4128	0 \$	- \$	10.03	\$15.17
4129	06/22/13	6	1	29	\$4.18	\$ 28.65	\$31.07	4129	0 \$	- \$	10.03	\$10.53
4130	06/22/13	6	2	28	\$2.60	\$ 25.89	\$27.35	4130	0 \$	- \$	10.03	\$6.54
4131	06/22/13	6	3	27	\$1.93	\$ 24.09	\$22.90	4131	0 \$	- \$	10.02	\$4.87
4132	06/22/13	6	4	26	\$1.15	\$ 22.95	\$21.75	4132	0 \$	- \$	10.02	\$2.89
4133	06/22/13	6	5	26	\$1.59	\$ 22.95	\$21.75	4133	0 \$	- \$	10.02	\$4.00
4134	06/22/13	6	6	26	\$2.78	\$ 22.95	\$21.75	4134	0 \$	- \$	10.02	\$7.01
4135	06/22/13	6	7	26	\$3.17	\$ 22.95	\$21.75	4135	0 \$	- \$	10.01	\$7.98
4136	06/22/13	6	8	26	\$5.82	\$ 22.95	\$22.90	4136	0 \$	- \$	10.01	\$14.65
4137	06/22/13	6	9	27	\$7.43	\$ 24.09	\$22.90	4137	0 \$	- \$	10.01	\$18.71
4138	06/22/13	6	10	29	\$8.47	\$ 28.65	\$27.35	4138	0 \$	- \$	10.01	\$21.32
4139	06/22/13	6	11	29	\$9.47	\$ 28.65	\$27.35	4139	0 \$	- \$	10.00	\$23.84
4140	06/22/13	6	12	29	\$10.24	\$ 28.65	\$31.07	4140	0 \$	- \$	10.00	\$25.77
4141	06/22/13	6	13	31	\$10.29	\$ 38.08	\$36.21	4141	0 \$	- \$	10.00	\$25.89
4142	06/22/13	6	14	32	\$10.83	\$ 45.72	\$43.07	4142	0 \$	- \$	10.00	\$27.27
4143	06/22/13	6	15	33	\$10.53	\$ 56.49	\$51.98	4143	0 \$	- \$	9.99	\$26.50
4144	06/22/13	6	16	33	\$11.10	\$ 56.49	\$51.98	4144	0 \$	- \$	9.99	\$27.93

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4145	06/22/13	6	17	34	\$11.11	\$ 72.00	\$64.21	4145	0 \$	- \$	9.99	\$27.97
4146	06/22/13	6	18	34	\$11.37	\$ 72.00	\$64.21	4146	0 \$	- \$	9.99	\$28.63
4147	06/22/13	6	19	33	\$10.54	\$ 56.49	\$64.21	4147	0 \$	- \$	9.98	\$26.52
4148	06/22/13	6	20	32	\$9.86	\$ 45.72	\$51.98	4148	0 \$	- \$	9.98	\$24.82
4149	06/22/13	6	21	32	\$8.92	\$ 45.72	\$43.07	4149	0 \$	- \$	9.98	\$22.44
4150	06/22/13	6	22	32	\$8.01	\$ 45.72	\$43.07	4150	0 \$	- \$	9.98	\$20.16
4151	06/22/13	6	23	31	\$5.11	\$ 38.08	\$36.21	4151	0 \$	- \$	9.98	\$12.85
4152	06/22/13	6	24	29	\$4.00	\$ 28.65	\$31.07	4152	0 \$	- \$	9.97	\$10.06
4153	06/23/13	6	1	28	\$2.49	\$ 25.89	\$24.69	4153	0 \$	- \$	9.97	\$6.27
4154	06/23/13	6	2	27	\$0.77	\$ 24.09	\$22.90	4154	0 \$	- \$	9.97	\$1.95
4155	06/23/13	6	3	26	\$0.42	\$ 22.95	\$22.90	4155	0 \$	- \$	9.97	\$1.06
4156	06/23/13	6	4	25	-\$0.37	\$ 22.23	\$21.75	4156	0 \$	- \$	9.96	-\$0.94
4157	06/23/13	6	5	25	-\$1.00	\$ 22.23	\$21.03	4157	0 \$	- \$	9.96	-\$2.52
4158	06/23/13	6	6	25	-\$0.94	\$ 22.23	\$21.03	4158	0 \$	- \$	9.96	-\$2.36
4159	06/23/13	6	7	24	-\$0.11	\$ 21.76	\$20.59	4159	0 \$	- \$	9.96	-\$0.27
4160	06/23/13	6	8	25	\$1.47	\$ 22.23	\$21.03	4160	0 \$	- \$	9.95	\$3.69
4161	06/23/13	6	9	26	\$5.14	\$ 22.95	\$21.75	4161	0 \$	- \$	9.95	\$12.94
4162	06/23/13	6	10	26	\$6.66	\$ 22.95	\$21.75	4162	0 \$	- \$	9.95	\$16.76
4163	06/23/13	6	11	27	\$7.67	\$ 24.09	\$22.90	4163	0 \$	- \$	9.95	\$19.31
4164	06/23/13	6	12	27	\$8.57	\$ 24.09	\$22.90	4164	0 \$	- \$	9.94	\$21.57
4165	06/23/13	6	13	27	\$9.22	\$ 24.09	\$24.69	4165	0 \$	- \$	9.94	\$23.22
4166	06/23/13	6	14	28	\$9.90	\$ 25.89	\$24.69	4166	0 \$	- \$	9.94	\$24.92
4167	06/23/13	6	15	28	\$10.88	\$ 25.89	\$27.35	4167	0 \$	- \$	9.94	\$27.38
4168	06/23/13	6	16	28	\$13.11	\$ 25.89	\$27.35	4168	0 \$	- \$	9.93	\$33.01
4169	06/23/13	6	17	29	\$15.79	\$ 28.65	\$27.35	4169	0 \$	- \$	9.93	\$39.74
4170	06/23/13	6	18	29	\$16.42	\$ 28.65	\$31.07	4170	0 \$	- \$	9.93	\$41.33
4171	06/23/13	6	19	30	\$15.32	\$ 32.53	\$31.07	4171	0 \$	- \$	9.93	\$38.57
4172	06/23/13	6	20	29	\$14.63	\$ 28.65	\$31.07	4172	0 \$	- \$	9.92	\$36.82
4173	06/23/13	6	21	29	\$14.22	\$ 28.65	\$27.35	4173	0 \$	- \$	9.92	\$35.79
4174	06/23/13	6	22	29	\$13.13	\$ 28.65	\$27.35	4174	0 \$	- \$	9.92	\$33.06
4175	06/23/13	6	23	27	\$8.58	\$ 24.09	\$24.69	4175	0 \$	- \$	9.92	\$21.59
4176	06/23/13	6	24	26	\$7.68	\$ 22.95	\$22.90	4176	0 \$	- \$	9.92	\$19.33
4177	06/24/13	6	1	25	\$7.37	\$ 22.23	\$21.75	4177	0 \$	- \$	9.91	\$18.56
4178	06/24/13	6	2	24	\$6.98	\$ 21.76	\$21.03	4178	0 \$	- \$	9.91	\$17.56
4179	06/24/13	6	3	23	\$6.98	\$ 21.48	\$20.33	4179	0 \$	- \$	9.91	\$17.58
4180	06/24/13	6	4	23	\$6.99	\$ 21.48	\$20.33	4180	0 \$	- \$	9.91	\$17.60
4181	06/24/13	6	5	23	\$7.25	\$ 21.48	\$20.33	4181	0 \$	- \$	9.90	\$18.26
4182	06/24/13	6	6	24	\$7.77	\$ 21.76	\$21.03	4182	0 \$	- \$	9.90	\$19.55
4183	06/24/13	6	7	26	\$8.78	\$ 22.95	\$21.75	4183	0 \$	- \$	9.90	\$22.10
4184	06/24/13	6	8	27	\$10.10	\$ 24.09	\$22.90	4184	0 \$	- \$	9.90	\$25.41
4185	06/24/13	6	9	28	\$11.97	\$ 25.89	\$24.69	4185	0 \$	- \$	9.89	\$30.13
4186	06/24/13	6	10	28	\$13.32	\$ 25.89	\$24.69	4186	0 \$	- \$	9.89	\$33.54
4187	06/24/13	6	11	29	\$15.01	\$ 28.65	\$27.35	4187	0 \$	- \$	9.89	\$37.79
4188	06/24/13	6	12	29	\$16.62	\$ 28.65	\$27.35	4188	0 \$	- \$	9.89	\$41.84
4189	06/24/13	6	13	29	\$17.56	\$ 28.65	\$27.35	4189	0 \$	- \$	9.88	\$44.20
4190	06/24/13	6	14	30	\$19.36	\$ 32.53	\$31.07	4190	0 \$	- \$	9.88	\$48.73
4191	06/24/13	6	15	31	\$20.49	\$ 38.08	\$36.21	4191	0 \$	- \$	9.88	\$51.57
4192	06/24/13	6	16	30	\$20.73	\$ 32.53	\$31.07	4192	0 \$	- \$	9.88	\$52.19
4193	06/24/13	6	17	30	\$19.74	\$ 32.53	\$31.07	4193	0 \$	- \$	9.88	\$49.68
4194	06/24/13	6	18	30	\$17.30	\$ 32.53	\$31.07	4194	0 \$	- \$	9.87	\$43.55
4195	06/24/13	6	19	30	\$16.42	\$ 32.53	\$31.07	4195	0 \$	- \$	9.87	\$41.33
4196	06/24/13	6	20	30	\$15.10	\$ 32.53	\$31.07	4196	0 \$	- \$	9.87	\$38.00
4197	06/24/13	6	21	30	\$13.43	\$ 32.53	\$31.07	4197	0 \$	- \$	9.87	\$33.81
4198	06/24/13	6	22	29	\$11.29	\$ 28.65	\$31.07	4198	0 \$	- \$	9.86	\$28.41
4199	06/24/13	6	23	29	\$7.66	\$ 28.65	\$27.35	4199	0 \$	- \$	9.86	\$19.27
4200	06/24/13	6	24	27	\$6.76	\$ 24.09	\$22.90	4200	0 \$	- \$	9.86	\$17.02

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4201	06/25/13	6	1	26	\$6.64	\$ 22.95	\$22.90	4201	0 \$	- \$	9.86	\$16.71
4202	06/25/13	6	2	25	\$4.66	\$ 22.23	\$21.75	4202	0 \$	- \$	9.85	\$11.72
4203	06/25/13	6	3	25	\$2.11	\$ 22.23	\$21.03	4203	0 \$	- \$	9.85	\$5.32
4204	06/25/13	6	4	25	\$2.01	\$ 22.23	\$21.03	4204	0 \$	- \$	9.85	\$5.05
4205	06/25/13	6	5	25	\$3.37	\$ 22.23	\$21.03	4205	0 \$	- \$	9.85	\$8.47
4206	06/25/13	6	6	26	\$5.78	\$ 22.95	\$21.75	4206	0 \$	- \$	9.84	\$14.56
4207	06/25/13	6	7	27	\$7.17	\$ 24.09	\$22.90	4207	0 \$	- \$	9.84	\$18.04
4208	06/25/13	6	8	28	\$7.92	\$ 25.89	\$24.69	4208	0 \$	- \$	9.84	\$19.94
4209	06/25/13	6	9	29	\$9.02	\$ 28.65	\$27.35	4209	0 \$	- \$	9.84	\$22.71
4210	06/25/13	6	10	29	\$9.65	\$ 28.65	\$27.35	4210	0 \$	- \$	9.84	\$24.28
4211	06/25/13	6	11	31	\$11.57	\$ 38.08	\$36.21	4211	0 \$	- \$	9.83	\$29.12
4212	06/25/13	6	12	33	\$14.45	\$ 56.49	\$51.98	4212	0 \$	- \$	9.83	\$36.37
4213	06/25/13	6	13	33	\$14.88	\$ 56.49	\$51.98	4213	0 \$	- \$	9.83	\$37.46
4214	06/25/13	6	14	34	\$17.52	\$ 72.00	\$64.21	4214	0 \$	- \$	9.83	\$44.09
4215	06/25/13	6	15	35	\$19.19	\$ 93.21	\$81.20	4215	0 \$	- \$	9.82	\$48.30
4216	06/25/13	6	16	35	\$21.09	\$ 93.21	\$105.08	4216	0 \$	- \$	9.82	\$53.09
4217	06/25/13	6	17	35	\$20.91	\$ 93.21	\$105.08	4217	0 \$	- \$	9.82	\$52.63
4218	06/25/13	6	18	35	\$20.05	\$ 93.21	\$81.20	4218	0 \$	- \$	9.82	\$50.46
4219	06/25/13	6	19	35	\$18.31	\$ 93.21	\$81.20	4219	0 \$	- \$	9.81	\$46.08
4220	06/25/13	6	20	34	\$16.88	\$ 72.00	\$64.21	4220	0 \$	- \$	9.81	\$42.48
4221	06/25/13	6	21	33	\$16.87	\$ 56.49	\$51.98	4221	0 \$	- \$	9.81	\$42.47
4222	06/25/13	6	22	33	\$13.44	\$ 56.49	\$64.21	4222	0 \$	- \$	9.81	\$33.83
4223	06/25/13	6	23	32	\$9.47	\$ 45.72	\$43.07	4223	0 \$	- \$	9.81	\$23.83
4224	06/25/13	6	24	30	\$8.55	\$ 32.53	\$31.07	4224	0 \$	- \$	9.80	\$21.51
4225	06/26/13	6	1	28	\$7.58	\$ 25.89	\$27.35	4225	0 \$	- \$	9.80	\$19.07
4226	06/26/13	6	2	27	\$7.14	\$ 24.09	\$24.69	4226	0 \$	- \$	9.80	\$17.97
4227	06/26/13	6	3	26	\$7.24	\$ 22.95	\$22.90	4227	0 \$	- \$	9.80	\$18.23
4228	06/26/13	6	4	26	\$7.28	\$ 22.95	\$21.75	4228	0 \$	- \$	9.79	\$18.32
4229	06/26/13	6	5	26	\$7.54	\$ 22.95	\$21.75	4229	0 \$	- \$	9.79	\$18.99
4230	06/26/13	6	6	26	\$8.03	\$ 22.95	\$22.90	4230	0 \$	- \$	9.79	\$20.21
4231	06/26/13	6	7	28	\$9.30	\$ 25.89	\$24.69	4231	0 \$	- \$	9.79	\$23.41
4232	06/26/13	6	8	29	\$12.16	\$ 28.65	\$27.35	4232	0 \$	- \$	9.78	\$30.62
4233	06/26/13	6	9	30	\$12.34	\$ 32.53	\$36.21	4233	0 \$	- \$	9.78	\$31.05
4234	06/26/13	6	10	32	\$12.39	\$ 45.72	\$43.07	4234	0 \$	- \$	9.78	\$31.18
4235	06/26/13	6	11	33	\$13.76	\$ 56.49	\$51.98	4235	0 \$	- \$	9.78	\$34.63
4236	06/26/13	6	12	34	\$16.05	\$ 72.00	\$64.21	4236	0 \$	- \$	9.77	\$40.39
4237	06/26/13	6	13	35	\$15.83	\$ 93.21	\$81.20	4237	0 \$	- \$	9.77	\$39.84
4238	06/26/13	6	14	36	\$16.77	\$ 121.32	\$105.08	4238	0 \$	- \$	9.77	\$42.22
4239	06/26/13	6	15	37	\$17.98	\$ 156.65	\$135.96	4239	0 \$	- \$	9.77	\$45.25
4240	06/26/13	6	16	37	\$18.14	\$ 156.65	\$135.96	4240	0 \$	- \$	9.77	\$45.67
4241	06/26/13	6	17	37	\$18.24	\$ 156.65	\$135.96	4241	0 \$	- \$	9.76	\$45.92
4242	06/26/13	6	18	36	\$17.68	\$ 121.32	\$135.96	4242	0 \$	- \$	9.76	\$44.50
4243	06/26/13	6	19	36	\$16.69	\$ 121.32	\$105.08	4243	0 \$	- \$	9.76	\$42.02
4244	06/26/13	6	20	35	\$15.14	\$ 93.21	\$105.08	4244	0 \$	- \$	9.76	\$38.10
4245	06/26/13	6	21	34	\$14.94	\$ 72.00	\$64.21	4245	0 \$	- \$	9.75	\$37.61
4246	06/26/13	6	22	33	\$12.94	\$ 56.49	\$64.21	4246	0 \$	- \$	9.75	\$32.57
4247	06/26/13	6	23	32	\$10.32	\$ 45.72	\$43.07	4247	0 \$	- \$	9.75	\$25.97
4248	06/26/13	6	24	29	\$9.06	\$ 28.65	\$31.07	4248	0 \$	- \$	9.75	\$22.80
4249	06/27/13	6	1	28	\$9.00	\$ 25.89	\$24.69	4249	0 \$	- \$	9.75	\$22.66
4250	06/27/13	6	2	26	\$8.51	\$ 22.95	\$22.90	4250	0 \$	- \$	9.74	\$21.43
4251	06/27/13	6	3	26	\$8.33	\$ 22.95	\$21.75	4251	0 \$	- \$	9.74	\$20.97
4252	06/27/13	6	4	25	\$8.16	\$ 22.23	\$21.75	4252	0 \$	- \$	9.74	\$20.54
4253	06/27/13	6	5	25	\$8.21	\$ 22.23	\$21.75	4253	0 \$	- \$	9.74	\$20.66
4254	06/27/13	6	6	25	\$8.53	\$ 22.23	\$21.75	4254	0 \$	- \$	9.73	\$21.46
4255	06/27/13	6	7	27	\$9.92	\$ 24.09	\$22.90	4255	0 \$	- \$	9.73	\$24.96
4256	06/27/13	6	8	29	\$12.57	\$ 28.65	\$27.35	4256	0 \$	- \$	9.73	\$31.63

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4257	06/27/13	6	9	30	\$12.71	\$ 32.53	\$31.07	4257	0 \$	- \$	9.73	\$31.99
4258	06/27/13	6	10	31	\$14.33	\$ 38.08	\$36.21	4258	0 \$	- \$	9.72	\$36.08
4259	06/27/13	6	11	32	\$15.82	\$ 45.72	\$43.07	4259	0 \$	- \$	9.72	\$39.81
4260	06/27/13	6	12	33	\$16.96	\$ 56.49	\$43.07	4260	0 \$	- \$	9.72	\$42.70
4261	06/27/13	6	13	33	\$18.58	\$ 56.49	\$51.98	4261	0 \$	- \$	9.72	\$46.77
4262	06/27/13	6	14	33	\$19.92	\$ 56.49	\$51.98	4262	0 \$	- \$	9.72	\$50.14
4263	06/27/13	6	15	33	\$21.02	\$ 56.49	\$51.98	4263	0 \$	- \$	9.71	\$52.92
4264	06/27/13	6	16	34	\$21.00	\$ 72.00	\$81.20	4264	0 \$	- \$	9.71	\$52.86
4265	06/27/13	6	17	35	\$20.37	\$ 93.21	\$81.20	4265	0 \$	- \$	9.71	\$51.27
4266	06/27/13	6	18	35	\$17.95	\$ 93.21	\$81.20	4266	0 \$	- \$	9.71	\$45.18
4267	06/27/13	6	19	34	\$16.25	\$ 72.00	\$64.21	4267	0 \$	- \$	9.70	\$40.90
4268	06/27/13	6	20	34	\$14.88	\$ 72.00	\$64.21	4268	0 \$	- \$	9.70	\$37.45
4269	06/27/13	6	21	32	\$14.54	\$ 45.72	\$51.98	4269	0 \$	- \$	9.70	\$36.60
4270	06/27/13	6	22	32	\$12.78	\$ 45.72	\$51.98	4270	0 \$	- \$	9.70	\$32.16
4271	06/27/13	6	23	31	\$9.92	\$ 38.08	\$36.21	4271	0 \$	- \$	9.69	\$24.98
4272	06/27/13	6	24	28	\$8.88	\$ 25.89	\$27.35	4272	0 \$	- \$	9.69	\$22.35
4273	06/28/13	6	1	26	\$8.10	\$ 22.95	\$22.90	4273	0 \$	- \$	9.69	\$20.40
4274	06/28/13	6	2	24	\$7.56	\$ 21.76	\$21.03	4274	0 \$	- \$	9.69	\$19.04
4275	06/28/13	6	3	23	\$7.27	\$ 21.48	\$20.59	4275	0 \$	- \$	9.69	\$18.31
4276	06/28/13	6	4	23	\$6.92	\$ 21.48	\$20.33	4276	0 \$	- \$	9.68	\$17.41
4277	06/28/13	6	5	23	\$7.02	\$ 21.48	\$20.33	4277	0 \$	- \$	9.68	\$17.67
4278	06/28/13	6	6	23	\$7.46	\$ 21.48	\$20.59	4278	0 \$	- \$	9.68	\$18.78
4279	06/28/13	6	7	24	\$8.01	\$ 21.76	\$20.59	4279	0 \$	- \$	9.68	\$20.17
4280	06/28/13	6	8	26	\$10.13	\$ 22.95	\$21.75	4280	0 \$	- \$	9.67	\$25.49
4281	06/28/13	6	9	28	\$10.66	\$ 25.89	\$24.69	4281	0 \$	- \$	9.67	\$26.83
4282	06/28/13	6	10	29	\$11.43	\$ 28.65	\$27.35	4282	0 \$	- \$	9.67	\$28.76
4283	06/28/13	6	11	30	\$10.02	\$ 32.53	\$31.07	4283	0 \$	- \$	9.67	\$25.23
4284	06/28/13	6	12	32	\$9.29	\$ 45.72	\$43.07	4284	0 \$	- \$	9.67	\$23.39
4285	06/28/13	6	13	33	\$8.39	\$ 56.49	\$51.98	4285	0 \$	- \$	9.66	\$21.11
4286	06/28/13	6	14	33	\$8.05	\$ 56.49	\$51.98	4286	0 \$	- \$	9.66	\$20.26
4287	06/28/13	6	15	33	\$8.39	\$ 56.49	\$51.98	4287	0 \$	- \$	9.66	\$21.11
4288	06/28/13	6	16	33	\$8.72	\$ 56.49	\$51.98	4288	0 \$	- \$	9.66	\$21.94
4289	06/28/13	6	17	32	\$8.20	\$ 45.72	\$51.98	4289	0 \$	- \$	9.65	\$20.65
4290	06/28/13	6	18	32	\$8.32	\$ 45.72	\$43.07	4290	0 \$	- \$	9.65	\$20.93
4291	06/28/13	6	19	31	\$8.32	\$ 38.08	\$43.07	4291	0 \$	- \$	9.65	\$20.94
4292	06/28/13	6	20	31	\$8.96	\$ 38.08	\$36.21	4292	0 \$	- \$	9.65	\$22.56
4293	06/28/13	6	21	30	\$8.32	\$ 32.53	\$31.07	4293	0 \$	- \$	9.65	\$20.94
4294	06/28/13	6	22	30	\$8.08	\$ 32.53	\$31.07	4294	0 \$	- \$	9.64	\$20.35
4295	06/28/13	6	23	28	\$6.95	\$ 25.89	\$27.35	4295	0 \$	- \$	9.64	\$17.49
4296	06/28/13	6	24	27	\$6.24	\$ 24.09	\$22.90	4296	0 \$	- \$	9.64	\$15.70
4297	06/29/13	6	1	25	\$4.37	\$ 22.23	\$21.75	4297	0 \$	- \$	9.64	\$11.01
4298	06/29/13	6	2	24	\$2.26	\$ 21.76	\$21.03	4298	0 \$	- \$	9.63	\$5.69
4299	06/29/13	6	3	23	\$2.39	\$ 21.48	\$20.59	4299	0 \$	- \$	9.63	\$6.01
4300	06/29/13	6	4	23	\$2.20	\$ 21.48	\$20.59	4300	0 \$	- \$	9.63	\$5.53
4301	06/29/13	6	5	23	\$2.17	\$ 21.48	\$20.59	4301	0 \$	- \$	9.63	\$5.47
4302	06/29/13	6	6	23	\$2.32	\$ 21.48	\$20.59	4302	0 \$	- \$	9.62	\$5.85
4303	06/29/13	6	7	23	\$4.87	\$ 21.48	\$20.59	4303	0 \$	- \$	9.62	\$12.27
4304	06/29/13	6	8	24	\$6.59	\$ 21.76	\$20.59	4304	0 \$	- \$	9.62	\$16.58
4305	06/29/13	6	9	25	\$6.77	\$ 22.23	\$21.75	4305	0 \$	- \$	9.62	\$17.03
4306	06/29/13	6	10	26	\$7.00	\$ 22.95	\$22.90	4306	0 \$	- \$	9.62	\$17.63
4307	06/29/13	6	11	27	\$6.79	\$ 24.09	\$22.90	4307	0 \$	- \$	9.61	\$17.08
4308	06/29/13	6	12	26	\$7.32	\$ 22.95	\$22.90	4308	0 \$	- \$	9.61	\$18.43
4309	06/29/13	6	13	27	\$7.81	\$ 24.09	\$22.90	4309	0 \$	- \$	9.61	\$19.66
4310	06/29/13	6	14	26	\$7.69	\$ 22.95	\$22.90	4310	0 \$	- \$	9.61	\$19.35
4311	06/29/13	6	15	27	\$7.87	\$ 24.09	\$24.69	4311	0 \$	- \$	9.60	\$19.80
4312	06/29/13	6	16	27	\$8.03	\$ 24.09	\$22.90	4312	0 \$	- \$	9.60	\$20.21

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4313	06/29/13	6	17	26	\$8.34	\$ 22.95	\$22.90	4313	0 \$	- \$	9.60	\$20.99
4314	06/29/13	6	18	27	\$8.30	\$ 24.09	\$24.69	4314	0 \$	- \$	9.60	\$20.89
4315	06/29/13	6	19	27	\$8.48	\$ 24.09	\$24.69	4315	0 \$	- \$	9.60	\$21.35
4316	06/29/13	6	20	27	\$8.83	\$ 24.09	\$22.90	4316	0 \$	- \$	9.59	\$22.23
4317	06/29/13	6	21	26	\$9.14	\$ 22.95	\$21.75	4317	0 \$	- \$	9.59	\$23.00
4318	06/29/13	6	22	26	\$9.04	\$ 22.95	\$22.90	4318	0 \$	- \$	9.59	\$22.75
4319	06/29/13	6	23	25	\$7.74	\$ 22.23	\$21.75	4319	0 \$	- \$	9.59	\$19.48
4320	06/29/13	6	24	24	\$7.03	\$ 21.76	\$20.59	4320	0 \$	- \$	9.58	\$17.69
4321	06/30/13	6	1	23	\$5.93	\$ 21.48	\$20.33	4321	0 \$	- \$	9.58	\$14.93
4322	06/30/13	6	2	22	\$5.52	\$ 21.32	\$20.33	4322	0 \$	- \$	9.58	\$13.89
4323	06/30/13	6	3	21	\$4.89	\$ 21.25	\$20.19	4323	0 \$	- \$	9.58	\$12.32
4324	06/30/13	6	4	21	\$4.24	\$ 21.25	\$20.19	4324	0 \$	- \$	9.58	\$10.66
4325	06/30/13	6	5	21	\$4.29	\$ 21.25	\$20.19	4325	0 \$	- \$	9.57	\$10.79
4326	06/30/13	6	6	21	\$2.74	\$ 21.25	\$20.19	4326	0 \$	- \$	9.57	\$6.89
4327	06/30/13	6	7	21	\$5.30	\$ 21.25	\$20.13	4327	0 \$	- \$	9.57	\$13.33
4328	06/30/13	6	8	22	\$7.00	\$ 21.32	\$20.19	4328	0 \$	- \$	9.57	\$17.61
4329	06/30/13	6	9	22	\$7.41	\$ 21.32	\$20.33	4329	0 \$	- \$	9.56	\$18.66
4330	06/30/13	6	10	23	\$7.97	\$ 21.48	\$20.59	4330	0 \$	- \$	9.56	\$20.07
4331	06/30/13	6	11	24	\$8.79	\$ 21.76	\$20.59	4331	0 \$	- \$	9.56	\$22.13
4332	06/30/13	6	12	24	\$8.74	\$ 21.76	\$21.03	4332	0 \$	- \$	9.56	\$22.01
4333	06/30/13	6	13	25	\$9.42	\$ 22.23	\$21.75	4333	0 \$	- \$	9.56	\$23.70
4334	06/30/13	6	14	25	\$9.59	\$ 22.23	\$21.75	4334	0 \$	- \$	9.55	\$24.15
4335	06/30/13	6	15	25	\$9.99	\$ 22.23	\$21.75	4335	0 \$	- \$	9.55	\$25.14
4336	06/30/13	6	16	26	\$10.95	\$ 22.95	\$22.90	4336	0 \$	- \$	9.55	\$27.55
4337	06/30/13	6	17	26	\$11.04	\$ 22.95	\$22.90	4337	0 \$	- \$	9.55	\$27.78
4338	06/30/13	6	18	27	\$10.86	\$ 24.09	\$22.90	4338	0 \$	- \$	9.55	\$27.34
4339	06/30/13	6	19	26	\$10.79	\$ 22.95	\$22.90	4339	0 \$	- \$	9.54	\$27.15
4340	06/30/13	6	20	26	\$10.22	\$ 22.95	\$22.90	4340	0 \$	- \$	9.54	\$25.72
4341	06/30/13	6	21	26	\$10.50	\$ 22.95	\$21.75	4341	0 \$	- \$	9.54	\$26.44
4342	06/30/13	6	22	26	\$9.95	\$ 22.95	\$22.90	4342	0 \$	- \$	9.54	\$25.05
4343	06/30/13	6	23	25	\$8.35	\$ 22.23	\$21.03	4343	0 \$	- \$	9.53	\$21.03
4344	06/30/13	6	24	23	\$7.84	\$ 21.48	\$20.59	4344	0 \$	- \$	9.53	\$19.74
4345	07/01/13	7	1	22	\$7.74	\$ 21.32	\$20.33	4345	0 \$	- \$	9.53	\$19.47
4346	07/01/13	7	2	22	\$7.34	\$ 21.32	\$20.19	4346	0 \$	- \$	9.53	\$18.48
4347	07/01/13	7	3	21	\$7.36	\$ 21.25	\$20.19	4347	0 \$	- \$	9.53	\$18.53
4348	07/01/13	7	4	21	\$7.27	\$ 21.25	\$20.13	4348	0 \$	- \$	9.52	\$18.29
4349	07/01/13	7	5	21	\$7.29	\$ 21.25	\$20.19	4349	0 \$	- \$	9.52	\$18.34
4350	07/01/13	7	6	22	\$7.62	\$ 21.32	\$20.19	4350	0 \$	- \$	9.52	\$19.18
4351	07/01/13	7	7	24	\$8.53	\$ 21.76	\$20.59	4351	0 \$	- \$	9.52	\$21.47
4352	07/01/13	7	8	25	\$10.77	\$ 22.23	\$21.03	4352	0 \$	- \$	9.51	\$27.11
4353	07/01/13	7	9	26	\$11.43	\$ 22.95	\$21.75	4353	0 \$	- \$	9.51	\$28.76
4354	07/01/13	7	10	27	\$12.14	\$ 24.09	\$22.90	4354	0 \$	- \$	9.51	\$30.55
4355	07/01/13	7	11	29	\$13.56	\$ 28.65	\$27.35	4355	0 \$	- \$	9.51	\$34.14
4356	07/01/13	7	12	30	\$14.97	\$ 32.53	\$31.07	4356	0 \$	- \$	9.51	\$37.69
4357	07/01/13	7	13	30	\$15.47	\$ 32.53	\$31.07	4357	0 \$	- \$	9.50	\$38.95
4358	07/01/13	7	14	31	\$15.95	\$ 38.08	\$36.21	4358	0 \$	- \$	9.50	\$40.14
4359	07/01/13	7	15	32	\$15.32	\$ 45.72	\$43.07	4359	0 \$	- \$	9.50	\$38.55
4360	07/01/13	7	16	31	\$15.99	\$ 38.08	\$43.07	4360	0 \$	- \$	9.50	\$40.24
4361	07/01/13	7	17	31	\$16.03	\$ 38.08	\$43.07	4361	0 \$	- \$	9.49	\$40.36
4362	07/01/13	7	18	31	\$14.80	\$ 38.08	\$36.21	4362	0 \$	- \$	9.49	\$37.26
4363	07/01/13	7	19	31	\$14.17	\$ 38.08	\$36.21	4363	0 \$	- \$	9.49	\$35.67
4364	07/01/13	7	20	30	\$12.18	\$ 32.53	\$31.07	4364	0 \$	- \$	9.49	\$30.66
4365	07/01/13	7	21	29	\$12.20	\$ 28.65	\$27.35	4365	0 \$	- \$	9.49	\$30.71
4366	07/01/13	7	22	28	\$11.57	\$ 25.89	\$27.35	4366	0 \$	- \$	9.48	\$29.12
4367	07/01/13	7	23	27	\$10.50	\$ 24.09	\$24.69	4367	0 \$	- \$	9.48	\$26.42
4368	07/01/13	7	24	26	\$8.90	\$ 22.95	\$21.75	4368	0 \$	- \$	9.48	\$22.41

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4369	07/02/13	7	1	24	\$8.27	\$ 21.76	\$21.03	4369	0 \$	- \$	9.48	\$20.82
4370	07/02/13	7	2	23	\$7.90	\$ 21.48	\$20.59	4370	0 \$	- \$	9.48	\$19.88
4371	07/02/13	7	3	23	\$7.67	\$ 21.48	\$20.33	4371	0 \$	- \$	9.47	\$19.30
4372	07/02/13	7	4	22	\$7.58	\$ 21.32	\$20.33	4372	0 \$	- \$	9.47	\$19.08
4373	07/02/13	7	5	22	\$7.74	\$ 21.32	\$20.19	4373	0 \$	- \$	9.47	\$19.49
4374	07/02/13	7	6	22	\$8.04	\$ 21.32	\$20.33	4374	0 \$	- \$	9.47	\$20.23
4375	07/02/13	7	7	23	\$9.32	\$ 21.48	\$20.33	4375	0 \$	- \$	9.46	\$23.45
4376	07/02/13	7	8	24	\$10.59	\$ 21.76	\$20.59	4376	0 \$	- \$	9.46	\$26.66
4377	07/02/13	7	9	23	\$10.83	\$ 21.48	\$20.33	4377	0 \$	- \$	9.46	\$27.25
4378	07/02/13	7	10	24	\$11.68	\$ 21.76	\$20.59	4378	0 \$	- \$	9.46	\$29.40
4379	07/02/13	7	11	25	\$12.01	\$ 22.23	\$21.03	4379	0 \$	- \$	9.46	\$30.24
4380	07/02/13	7	12	26	\$12.85	\$ 22.95	\$22.90	4380	0 \$	- \$	9.45	\$32.34
4381	07/02/13	7	13	27	\$13.55	\$ 24.09	\$22.90	4381	0 \$	- \$	9.45	\$34.11
4382	07/02/13	7	14	28	\$14.38	\$ 25.89	\$24.69	4382	0 \$	- \$	9.45	\$36.19
4383	07/02/13	7	15	29	\$14.36	\$ 28.65	\$27.35	4383	0 \$	- \$	9.45	\$36.14
4384	07/02/13	7	16	30	\$14.61	\$ 32.53	\$31.07	4384	0 \$	- \$	9.44	\$36.78
4385	07/02/13	7	17	30	\$14.81	\$ 32.53	\$31.07	4385	0 \$	- \$	9.44	\$37.27
4386	07/02/13	7	18	29	\$13.50	\$ 28.65	\$31.07	4386	0 \$	- \$	9.44	\$33.97
4387	07/02/13	7	19	29	\$12.71	\$ 28.65	\$27.35	4387	0 \$	- \$	9.44	\$31.99
4388	07/02/13	7	20	28	\$11.58	\$ 25.89	\$24.69	4388	0 \$	- \$	9.44	\$29.14
4389	07/02/13	7	21	28	\$11.49	\$ 25.89	\$24.69	4389	0 \$	- \$	9.43	\$28.93
4390	07/02/13	7	22	28	\$10.85	\$ 25.89	\$27.35	4390	0 \$	- \$	9.43	\$27.31
4391	07/02/13	7	23	28	\$9.80	\$ 25.89	\$24.69	4391	0 \$	- \$	9.43	\$24.66
4392	07/02/13	7	24	26	\$8.81	\$ 22.95	\$21.75	4392	0 \$	- \$	9.43	\$22.18
4393	07/03/13	7	1	25	\$8.22	\$ 22.23	\$21.03	4393	0 \$	- \$	9.43	\$20.70
4394	07/03/13	7	2	24	\$7.84	\$ 21.76	\$20.59	4394	0 \$	- \$	9.42	\$19.74
4395	07/03/13	7	3	23	\$7.57	\$ 21.48	\$20.33	4395	0 \$	- \$	9.42	\$19.06
4396	07/03/13	7	4	23	\$7.52	\$ 21.48	\$20.33	4396	0 \$	- \$	9.42	\$18.94
4397	07/03/13	7	5	23	\$7.81	\$ 21.48	\$20.33	4397	0 \$	- \$	9.42	\$19.65
4398	07/03/13	7	6	23	\$8.21	\$ 21.48	\$20.59	4398	0 \$	- \$	9.41	\$20.67
4399	07/03/13	7	7	24	\$8.93	\$ 21.76	\$21.03	4399	0 \$	- \$	9.41	\$22.47
4400	07/03/13	7	8	26	\$10.82	\$ 22.95	\$21.75	4400	0 \$	- \$	9.41	\$27.24
4401	07/03/13	7	9	27	\$11.36	\$ 24.09	\$24.69	4401	0 \$	- \$	9.41	\$28.60
4402	07/03/13	7	10	28	\$11.84	\$ 25.89	\$24.69	4402	0 \$	- \$	9.41	\$29.81
4403	07/03/13	7	11	29	\$12.76	\$ 28.65	\$31.07	4403	0 \$	- \$	9.40	\$32.11
4404	07/03/13	7	12	30	\$14.23	\$ 32.53	\$31.07	4404	0 \$	- \$	9.40	\$35.81
4405	07/03/13	7	13	31	\$14.87	\$ 38.08	\$36.21	4405	0 \$	- \$	9.40	\$37.44
4406	07/03/13	7	14	32	\$15.68	\$ 45.72	\$43.07	4406	0 \$	- \$	9.40	\$39.46
4407	07/03/13	7	15	32	\$15.76	\$ 45.72	\$51.98	4407	0 \$	- \$	9.40	\$39.66
4408	07/03/13	7	16	32	\$16.05	\$ 45.72	\$51.98	4408	0 \$	- \$	9.39	\$40.39
4409	07/03/13	7	17	33	\$16.07	\$ 56.49	\$51.98	4409	0 \$	- \$	9.39	\$40.45
4410	07/03/13	7	18	32	\$14.64	\$ 45.72	\$43.07	4410	0 \$	- \$	9.39	\$36.85
4411	07/03/13	7	19	31	\$13.62	\$ 38.08	\$43.07	4411	0 \$	- \$	9.39	\$34.28
4412	07/03/13	7	20	29	\$12.53	\$ 28.65	\$31.07	4412	0 \$	- \$	9.39	\$31.54
4413	07/03/13	7	21	29	\$12.17	\$ 28.65	\$27.35	4413	0 \$	- \$	9.38	\$30.63
4414	07/03/13	7	22	28	\$11.49	\$ 25.89	\$27.35	4414	0 \$	- \$	9.38	\$28.92
4415	07/03/13	7	23	27	\$9.11	\$ 24.09	\$24.69	4415	0 \$	- \$	9.38	\$22.93
4416	07/03/13	7	24	25	\$8.54	\$ 22.23	\$21.75	4416	0 \$	- \$	9.38	\$21.50
4417	07/04/13	7	1	23	\$7.10	\$ 21.48	\$20.59	4417	0 \$	- \$	9.37	\$17.87
4418	07/04/13	7	2	22	\$6.44	\$ 21.32	\$20.33	4418	0 \$	- \$	9.37	\$16.21
4419	07/04/13	7	3	22	\$5.73	\$ 21.32	\$20.33	4419	0 \$	- \$	9.37	\$14.42
4420	07/04/13	7	4	21	\$4.47	\$ 21.25	\$20.19	4420	0 \$	- \$	9.37	\$11.24
4421	07/04/13	7	5	21	\$4.97	\$ 21.25	\$20.19	4421	0 \$	- \$	9.37	\$12.51
4422	07/04/13	7	6	21	\$5.01	\$ 21.25	\$20.19	4422	0 \$	- \$	9.36	\$12.61
4423	07/04/13	7	7	21	\$5.79	\$ 21.25	\$20.19	4423	0 \$	- \$	9.36	\$14.58
4424	07/04/13	7	8	22	\$7.27	\$ 21.32	\$20.19	4424	0 \$	- \$	9.36	\$18.31

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4425	07/04/13	7	9	22	\$7.78	\$ 21.32	\$20.33	4425	0 \$	- \$	9.36	\$19.58
4426	07/04/13	7	10	24	\$8.72	\$ 21.76	\$20.59	4426	0 \$	- \$	9.36	\$21.95
4427	07/04/13	7	11	25	\$9.52	\$ 22.23	\$21.03	4427	0 \$	- \$	9.35	\$23.97
4428	07/04/13	7	12	26	\$11.36	\$ 22.95	\$22.90	4428	0 \$	- \$	9.35	\$28.60
4429	07/04/13	7	13	27	\$11.17	\$ 24.09	\$24.69	4429	0 \$	- \$	9.35	\$28.12
4430	07/04/13	7	14	28	\$10.97	\$ 25.89	\$27.35	4430	0 \$	- \$	9.35	\$27.61
4431	07/04/13	7	15	28	\$10.98	\$ 25.89	\$27.35	4431	0 \$	- \$	9.34	\$27.63
4432	07/04/13	7	16	29	\$10.97	\$ 28.65	\$31.07	4432	0 \$	- \$	9.34	\$27.62
4433	07/04/13	7	17	29	\$11.25	\$ 28.65	\$31.07	4433	0 \$	- \$	9.34	\$28.31
4434	07/04/13	7	18	30	\$11.19	\$ 32.53	\$36.21	4434	0 \$	- \$	9.34	\$28.16
4435	07/04/13	7	19	30	\$10.51	\$ 32.53	\$31.07	4435	0 \$	- \$	9.34	\$26.46
4436	07/04/13	7	20	28	\$9.74	\$ 25.89	\$27.35	4436	0 \$	- \$	9.33	\$24.52
4437	07/04/13	7	21	27	\$9.36	\$ 24.09	\$24.69	4437	0 \$	- \$	9.33	\$23.56
4438	07/04/13	7	22	27	\$8.30	\$ 24.09	\$22.90	4438	0 \$	- \$	9.33	\$20.88
4439	07/04/13	7	23	26	\$6.83	\$ 22.95	\$21.75	4439	0 \$	- \$	9.33	\$17.19
4440	07/04/13	7	24	25	\$6.07	\$ 22.23	\$21.75	4440	0 \$	- \$	9.33	\$15.27
4441	07/05/13	7	1	23	\$5.49	\$ 21.48	\$20.59	4441	0 \$	- \$	9.32	\$13.81
4442	07/05/13	7	2	22	\$3.27	\$ 21.32	\$20.33	4442	0 \$	- \$	9.32	\$8.22
4443	07/05/13	7	3	22	\$2.34	\$ 21.32	\$20.33	4443	0 \$	- \$	9.32	\$5.88
4444	07/05/13	7	4	21	\$2.32	\$ 21.25	\$20.19	4444	0 \$	- \$	9.32	\$5.85
4445	07/05/13	7	5	21	\$2.72	\$ 21.25	\$20.19	4445	0 \$	- \$	9.32	\$6.85
4446	07/05/13	7	6	22	\$5.20	\$ 21.32	\$20.19	4446	0 \$	- \$	9.31	\$13.09
4447	07/05/13	7	7	22	\$6.15	\$ 21.32	\$20.33	4447	0 \$	- \$	9.31	\$15.47
4448	07/05/13	7	8	24	\$7.47	\$ 21.76	\$20.59	4448	0 \$	- \$	9.31	\$18.81
4449	07/05/13	7	9	26	\$8.31	\$ 22.95	\$21.75	4449	0 \$	- \$	9.31	\$20.91
4450	07/05/13	7	10	27	\$9.50	\$ 24.09	\$24.69	4450	0 \$	- \$	9.30	\$23.91
4451	07/05/13	7	11	28	\$11.27	\$ 25.89	\$27.35	4451	0 \$	- \$	9.30	\$28.37
4452	07/05/13	7	12	29	\$12.38	\$ 28.65	\$31.07	4452	0 \$	- \$	9.30	\$31.16
4453	07/05/13	7	13	29	\$12.21	\$ 28.65	\$31.07	4453	0 \$	- \$	9.30	\$30.73
4454	07/05/13	7	14	30	\$12.29	\$ 32.53	\$31.07	4454	0 \$	- \$	9.30	\$30.93
4455	07/05/13	7	15	31	\$13.12	\$ 38.08	\$36.21	4455	0 \$	- \$	9.29	\$33.02
4456	07/05/13	7	16	32	\$13.82	\$ 45.72	\$51.98	4456	0 \$	- \$	9.29	\$34.78
4457	07/05/13	7	17	33	\$13.98	\$ 56.49	\$51.98	4457	0 \$	- \$	9.29	\$35.19
4458	07/05/13	7	18	32	\$13.33	\$ 45.72	\$51.98	4458	0 \$	- \$	9.29	\$33.56
4459	07/05/13	7	19	32	\$12.14	\$ 45.72	\$51.98	4459	0 \$	- \$	9.29	\$30.56
4460	07/05/13	7	20	31	\$11.44	\$ 38.08	\$43.07	4460	0 \$	- \$	9.28	\$28.80
4461	07/05/13	7	21	30	\$10.97	\$ 32.53	\$36.21	4461	0 \$	- \$	9.28	\$27.60
4462	07/05/13	7	22	30	\$8.70	\$ 32.53	\$36.21	4462	0 \$	- \$	9.28	\$21.89
4463	07/05/13	7	23	28	\$6.91	\$ 25.89	\$27.35	4463	0 \$	- \$	9.28	\$17.39
4464	07/05/13	7	24	26	\$5.59	\$ 22.95	\$22.90	4464	0 \$	- \$	9.28	\$14.06
4465	07/06/13	7	1	25	\$4.57	\$ 22.23	\$21.75	4465	0 \$	- \$	9.27	\$11.50
4466	07/06/13	7	2	24	\$3.60	\$ 21.76	\$21.03	4466	0 \$	- \$	9.27	\$9.05
4467	07/06/13	7	3	23	\$2.80	\$ 21.48	\$20.59	4467	0 \$	- \$	9.27	\$7.05
4468	07/06/13	7	4	23	\$1.76	\$ 21.48	\$20.59	4468	0 \$	- \$	9.27	\$4.44
4469	07/06/13	7	5	23	\$2.29	\$ 21.48	\$20.59	4469	0 \$	- \$	9.27	\$5.76
4470	07/06/13	7	6	23	\$3.06	\$ 21.48	\$20.33	4470	0 \$	- \$	9.26	\$7.70
4471	07/06/13	7	7	22	\$4.53	\$ 21.32	\$20.33	4471	0 \$	- \$	9.26	\$11.41
4472	07/06/13	7	8	23	\$6.23	\$ 21.48	\$20.59	4472	0 \$	- \$	9.26	\$15.69
4473	07/06/13	7	9	25	\$7.58	\$ 22.23	\$21.75	4473	0 \$	- \$	9.26	\$19.07
4474	07/06/13	7	10	27	\$8.30	\$ 24.09	\$22.90	4474	0 \$	- \$	9.25	\$20.90
4475	07/06/13	7	11	28	\$9.75	\$ 25.89	\$27.35	4475	0 \$	- \$	9.25	\$24.54
4476	07/06/13	7	12	30	\$11.03	\$ 32.53	\$31.07	4476	0 \$	- \$	9.25	\$27.76
4477	07/06/13	7	13	31	\$11.24	\$ 38.08	\$43.07	4477	0 \$	- \$	9.25	\$28.28
4478	07/06/13	7	14	32	\$11.46	\$ 45.72	\$43.07	4478	0 \$	- \$	9.25	\$28.84
4479	07/06/13	7	15	32	\$11.72	\$ 45.72	\$51.98	4479	0 \$	- \$	9.24	\$29.51
4480	07/06/13	7	16	33	\$12.61	\$ 56.49	\$64.21	4480	0 \$	- \$	9.24	\$31.73

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4481	07/06/13	7	17	33	\$12.94	\$ 56.49	\$64.21	4481	0 \$	- \$	9.24	\$32.57
4482	07/06/13	7	18	33	\$12.46	\$ 56.49	\$64.21	4482	0 \$	- \$	9.24	\$31.37
4483	07/06/13	7	19	32	\$11.26	\$ 45.72	\$64.21	4483	0 \$	- \$	9.24	\$28.34
4484	07/06/13	7	20	32	\$10.56	\$ 45.72	\$51.98	4484	0 \$	- \$	9.23	\$26.57
4485	07/06/13	7	21	30	\$9.86	\$ 32.53	\$36.21	4485	0 \$	- \$	9.23	\$24.83
4486	07/06/13	7	22	30	\$8.51	\$ 32.53	\$36.21	4486	0 \$	- \$	9.23	\$21.43
4487	07/06/13	7	23	29	\$6.18	\$ 28.65	\$31.07	4487	0 \$	- \$	9.23	\$15.56
4488	07/06/13	7	24	27	\$5.39	\$ 24.09	\$24.69	4488	0 \$	- \$	9.23	\$13.56
4489	07/07/13	7	1	26	\$6.05	\$ 22.95	\$22.90	4489	0 \$	- \$	9.22	\$15.24
4490	07/07/13	7	2	25	\$5.87	\$ 22.23	\$21.75	4490	0 \$	- \$	9.22	\$14.78
4491	07/07/13	7	3	24	\$5.38	\$ 21.76	\$21.03	4491	0 \$	- \$	9.22	\$13.53
4492	07/07/13	7	4	24	\$5.51	\$ 21.76	\$20.59	4492	0 \$	- \$	9.22	\$13.88
4493	07/07/13	7	5	23	\$5.65	\$ 21.48	\$20.59	4493	0 \$	- \$	9.22	\$14.23
4494	07/07/13	7	6	23	\$6.18	\$ 21.48	\$20.59	4494	0 \$	- \$	9.21	\$15.55
4495	07/07/13	7	7	23	\$6.82	\$ 21.48	\$20.59	4495	0 \$	- \$	9.21	\$17.17
4496	07/07/13	7	8	24	\$7.78	\$ 21.76	\$20.59	4496	0 \$	- \$	9.21	\$19.58
4497	07/07/13	7	9	25	\$8.65	\$ 22.23	\$21.75	4497	0 \$	- \$	9.21	\$21.77
4498	07/07/13	7	10	27	\$10.12	\$ 24.09	\$22.90	4498	0 \$	- \$	9.21	\$25.48
4499	07/07/13	7	11	29	\$11.05	\$ 28.65	\$27.35	4499	0 \$	- \$	9.20	\$27.81
4500	07/07/13	7	12	30	\$12.16	\$ 32.53	\$36.21	4500	0 \$	- \$	9.20	\$30.62
4501	07/07/13	7	13	32	\$12.65	\$ 45.72	\$43.07	4501	0 \$	- \$	9.20	\$31.84
4502	07/07/13	7	14	32	\$13.96	\$ 45.72	\$51.98	4502	0 \$	- \$	9.20	\$35.15
4503	07/07/13	7	15	33	\$14.12	\$ 56.49	\$64.21	4503	0 \$	- \$	9.20	\$35.55
4504	07/07/13	7	16	33	\$14.92	\$ 56.49	\$64.21	4504	0 \$	- \$	9.19	\$37.56
4505	07/07/13	7	17	34	\$16.53	\$ 72.00	\$81.20	4505	0 \$	- \$	9.19	\$41.61
4506	07/07/13	7	18	34	\$16.44	\$ 72.00	\$81.20	4506	0 \$	- \$	9.19	\$41.39
4507	07/07/13	7	19	34	\$15.32	\$ 72.00	\$64.21	4507	0 \$	- \$	9.19	\$38.57
4508	07/07/13	7	20	33	\$14.23	\$ 56.49	\$51.98	4508	0 \$	- \$	9.19	\$35.83
4509	07/07/13	7	21	32	\$13.84	\$ 45.72	\$51.98	4509	0 \$	- \$	9.18	\$34.83
4510	07/07/13	7	22	32	\$12.84	\$ 45.72	\$51.98	4510	0 \$	- \$	9.18	\$32.32
4511	07/07/13	7	23	30	\$10.54	\$ 32.53	\$36.21	4511	0 \$	- \$	9.18	\$26.54
4512	07/07/13	7	24	29	\$9.44	\$ 28.65	\$27.35	4512	0 \$	- \$	9.18	\$23.77
4513	07/08/13	7	1	27	\$8.75	\$ 24.09	\$24.69	4513	0 \$	- \$	9.17	\$22.03
4514	07/08/13	7	2	27	\$8.47	\$ 24.09	\$22.90	4514	0 \$	- \$	9.17	\$21.31
4515	07/08/13	7	3	26	\$8.06	\$ 22.95	\$21.75	4515	0 \$	- \$	9.17	\$20.28
4516	07/08/13	7	4	26	\$7.96	\$ 22.95	\$21.75	4516	0 \$	- \$	9.17	\$20.03
4517	07/08/13	7	5	26	\$8.22	\$ 22.95	\$21.75	4517	0 \$	- \$	9.17	\$20.70
4518	07/08/13	7	6	27	\$8.58	\$ 24.09	\$22.90	4518	0 \$	- \$	9.16	\$21.59
4519	07/08/13	7	7	28	\$10.23	\$ 25.89	\$24.69	4519	0 \$	- \$	9.16	\$25.76
4520	07/08/13	7	8	30	\$11.69	\$ 32.53	\$31.07	4520	0 \$	- \$	9.16	\$29.42
4521	07/08/13	7	9	31	\$13.40	\$ 38.08	\$27.35	4521	0 \$	- \$	9.16	\$33.74
4522	07/08/13	7	10	32	\$16.26	\$ 45.72	\$31.07	4522	0 \$	- \$	9.16	\$40.92
4523	07/08/13	7	11	34	\$18.15	\$ 72.00	\$64.21	4523	0 \$	- \$	9.15	\$45.68
4524	07/08/13	7	12	36	\$19.11	\$ 121.32	\$105.08	4524	0 \$	- \$	9.15	\$48.10
4525	07/08/13	7	13	37	\$20.63	\$ 156.65	\$135.96	4525	0 \$	- \$	9.15	\$51.93
4526	07/08/13	7	14	37	\$23.49	\$ 156.65	\$135.96	4526	0 \$	- \$	9.15	\$59.12
4527	07/08/13	7	15	37	\$24.47	\$ 156.65	\$176.47	4527	0 \$	- \$	9.15	\$61.59
4528	07/08/13	7	16	38	\$25.35	\$ 208.06	\$176.47	4528	0 \$	- \$	9.14	\$63.82
4529	07/08/13	7	17	38	\$24.73	\$ 208.06	\$176.47	4529	0 \$	- \$	9.14	\$62.24
4530	07/08/13	7	18	37	\$22.59	\$ 156.65	\$176.47	4530	0 \$	- \$	9.14	\$56.86
4531	07/08/13	7	19	37	\$20.06	\$ 156.65	\$176.47	4531	0 \$	- \$	9.14	\$50.49
4532	07/08/13	7	20	36	\$17.47	\$ 121.32	\$105.08	4532	0 \$	- \$	9.14	\$43.97
4533	07/08/13	7	21	35	\$16.41	\$ 93.21	\$81.20	4533	0 \$	- \$	9.13	\$41.30
4534	07/08/13	7	22	34	\$14.54	\$ 72.00	\$81.20	4534	0 \$	- \$	9.13	\$36.61
4535	07/08/13	7	23	33	\$12.20	\$ 56.49	\$51.98	4535	0 \$	- \$	9.13	\$30.72
4536	07/08/13	7	24	31	\$9.48	\$ 38.08	\$43.07	4536	0 \$	- \$	9.13	\$23.87

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4537	07/09/13	7	1	29	\$8.48	\$ 28.65	\$31.07	4537	0 \$	- \$	9.13	\$21.35
4538	07/09/13	7	2	28	\$7.89	\$ 25.89	\$27.35	4538	0 \$	- \$	9.12	\$19.87
4539	07/09/13	7	3	27	\$7.77	\$ 24.09	\$24.69	4539	0 \$	- \$	9.12	\$19.55
4540	07/09/13	7	4	27	\$7.52	\$ 24.09	\$22.90	4540	0 \$	- \$	9.12	\$18.93
4541	07/09/13	7	5	27	\$7.56	\$ 24.09	\$24.69	4541	0 \$	- \$	9.12	\$19.02
4542	07/09/13	7	6	28	\$7.98	\$ 25.89	\$24.69	4542	0 \$	- \$	9.12	\$20.09
4543	07/09/13	7	7	29	\$8.54	\$ 28.65	\$27.35	4543	0 \$	- \$	9.11	\$21.49
4544	07/09/13	7	8	30	\$10.01	\$ 32.53	\$31.07	4544	0 \$	- \$	9.11	\$25.19
4545	07/09/13	7	9	31	\$11.57	\$ 38.08	\$36.21	4545	0 \$	- \$	9.11	\$29.11
4546	07/09/13	7	10	32	\$13.61	\$ 45.72	\$43.07	4546	0 \$	- \$	9.11	\$34.25
4547	07/09/13	7	11	33	\$14.91	\$ 56.49	\$51.98	4547	0 \$	- \$	9.11	\$37.54
4548	07/09/13	7	12	34	\$16.04	\$ 72.00	\$64.21	4548	0 \$	- \$	9.10	\$40.38
4549	07/09/13	7	13	36	\$17.61	\$ 121.32	\$105.08	4549	0 \$	- \$	9.10	\$44.33
4550	07/09/13	7	14	35	\$20.00	\$ 93.21	\$81.20	4550	0 \$	- \$	9.10	\$50.35
4551	07/09/13	7	15	37	\$21.21	\$ 156.65	\$135.96	4551	0 \$	- \$	9.10	\$53.38
4552	07/09/13	7	16	38	\$22.71	\$ 208.06	\$176.47	4552	0 \$	- \$	9.10	\$57.17
4553	07/09/13	7	17	38	\$23.04	\$ 208.06	\$176.47	4553	0 \$	- \$	9.09	\$58.00
4554	07/09/13	7	18	38	\$20.38	\$ 208.06	\$234.60	4554	0 \$	- \$	9.09	\$51.29
4555	07/09/13	7	19	38	\$16.63	\$ 208.06	\$176.47	4555	0 \$	- \$	9.09	\$41.86
4556	07/09/13	7	20	37	\$15.01	\$ 156.65	\$135.96	4556	0 \$	- \$	9.09	\$37.79
4557	07/09/13	7	21	36	\$14.83	\$ 121.32	\$105.08	4557	0 \$	- \$	9.09	\$37.34
4558	07/09/13	7	22	35	\$14.52	\$ 93.21	\$105.08	4558	0 \$	- \$	9.08	\$36.55
4559	07/09/13	7	23	33	\$10.93	\$ 56.49	\$64.21	4559	0 \$	- \$	9.08	\$27.50
4560	07/09/13	7	24	31	\$8.44	\$ 38.08	\$36.21	4560	0 \$	- \$	9.08	\$21.24
4561	07/10/13	7	1	30	\$8.01	\$ 32.53	\$31.07	4561	0 \$	- \$	9.08	\$20.16
4562	07/10/13	7	2	28	\$7.15	\$ 25.89	\$24.69	4562	0 \$	- \$	9.08	\$18.00
4563	07/10/13	7	3	27	\$6.73	\$ 24.09	\$24.69	4563	0 \$	- \$	9.07	\$16.94
4564	07/10/13	7	4	27	\$6.25	\$ 24.09	\$22.90	4564	0 \$	- \$	9.07	\$15.72
4565	07/10/13	7	5	26	\$6.52	\$ 22.95	\$22.90	4565	0 \$	- \$	9.07	\$16.40
4566	07/10/13	7	6	27	\$6.99	\$ 24.09	\$22.90	4566	0 \$	- \$	9.07	\$17.59
4567	07/10/13	7	7	28	\$7.56	\$ 25.89	\$24.69	4567	0 \$	- \$	9.07	\$19.03
4568	07/10/13	7	8	30	\$9.32	\$ 32.53	\$31.07	4568	0 \$	- \$	9.06	\$23.45
4569	07/10/13	7	9	31	\$10.89	\$ 38.08	\$36.21	4569	0 \$	- \$	9.06	\$27.41
4570	07/10/13	7	10	32	\$11.61	\$ 45.72	\$43.07	4570	0 \$	- \$	9.06	\$29.22
4571	07/10/13	7	11	33	\$12.63	\$ 56.49	\$43.07	4571	0 \$	- \$	9.06	\$31.79
4572	07/10/13	7	12	33	\$14.23	\$ 56.49	\$51.98	4572	0 \$	- \$	9.06	\$35.82
4573	07/10/13	7	13	34	\$16.25	\$ 72.00	\$64.21	4573	0 \$	- \$	9.05	\$40.90
4574	07/10/13	7	14	34	\$17.16	\$ 72.00	\$64.21	4574	0 \$	- \$	9.05	\$43.19
4575	07/10/13	7	15	35	\$18.37	\$ 93.21	\$81.20	4575	0 \$	- \$	9.05	\$46.24
4576	07/10/13	7	16	35	\$19.62	\$ 93.21	\$81.20	4576	0 \$	- \$	9.05	\$49.39
4577	07/10/13	7	17	35	\$18.88	\$ 93.21	\$81.20	4577	0 \$	- \$	9.05	\$47.52
4578	07/10/13	7	18	34	\$17.77	\$ 72.00	\$81.20	4578	0 \$	- \$	9.04	\$44.73
4579	07/10/13	7	19	34	\$16.75	\$ 72.00	\$64.21	4579	0 \$	- \$	9.04	\$42.15
4580	07/10/13	7	20	33	\$15.38	\$ 56.49	\$51.98	4580	0 \$	- \$	9.04	\$38.72
4581	07/10/13	7	21	32	\$15.21	\$ 45.72	\$43.07	4581	0 \$	- \$	9.04	\$38.28
4582	07/10/13	7	22	31	\$13.29	\$ 38.08	\$36.21	4582	0 \$	- \$	9.04	\$33.46
4583	07/10/13	7	23	29	\$12.24	\$ 28.65	\$27.35	4583	0 \$	- \$	9.03	\$30.82
4584	07/10/13	7	24	28	\$10.03	\$ 25.89	\$24.69	4584	0 \$	- \$	9.03	\$25.24
4585	07/11/13	7	1	26	\$8.57	\$ 22.95	\$22.90	4585	0 \$	- \$	9.03	\$21.58
4586	07/11/13	7	2	25	\$7.97	\$ 22.23	\$21.75	4586	0 \$	- \$	9.03	\$20.07
4587	07/11/13	7	3	24	\$7.72	\$ 21.76	\$21.03	4587	0 \$	- \$	9.03	\$19.44
4588	07/11/13	7	4	24	\$7.44	\$ 21.76	\$20.59	4588	0 \$	- \$	9.02	\$18.72
4589	07/11/13	7	5	24	\$7.70	\$ 21.76	\$20.59	4589	0 \$	- \$	9.02	\$19.38
4590	07/11/13	7	6	25	\$8.23	\$ 22.23	\$21.03	4590	0 \$	- \$	9.02	\$20.71
4591	07/11/13	7	7	25	\$8.06	\$ 22.23	\$21.75	4591	0 \$	- \$	9.02	\$20.29
4592	07/11/13	7	8	27	\$10.67	\$ 24.09	\$22.90	4592	0 \$	- \$	9.02	\$26.86

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4593	07/11/13	7	9	29	\$12.21	\$ 28.65	\$27.35	4593	0 \$	- \$	9.02	\$30.74
4594	07/11/13	7	10	30	\$12.04	\$ 32.53	\$31.07	4594	0 \$	- \$	9.01	\$30.31
4595	07/11/13	7	11	31	\$13.10	\$ 38.08	\$36.21	4595	0 \$	- \$	9.01	\$32.98
4596	07/11/13	7	12	32	\$14.11	\$ 45.72	\$43.07	4596	0 \$	- \$	9.01	\$35.51
4597	07/11/13	7	13	33	\$14.93	\$ 56.49	\$51.98	4597	0 \$	- \$	9.01	\$37.59
4598	07/11/13	7	14	34	\$15.55	\$ 72.00	\$64.21	4598	0 \$	- \$	9.01	\$39.14
4599	07/11/13	7	15	34	\$15.99	\$ 72.00	\$64.21	4599	0 \$	- \$	9.00	\$40.25
4600	07/11/13	7	16	35	\$16.78	\$ 93.21	\$81.20	4600	0 \$	- \$	9.00	\$42.24
4601	07/11/13	7	17	35	\$16.49	\$ 93.21	\$81.20	4601	0 \$	- \$	9.00	\$41.51
4602	07/11/13	7	18	35	\$14.75	\$ 93.21	\$81.20	4602	0 \$	- \$	9.00	\$37.13
4603	07/11/13	7	19	34	\$12.80	\$ 72.00	\$64.21	4603	0 \$	- \$	9.00	\$32.23
4604	07/11/13	7	20	33	\$11.60	\$ 56.49	\$51.98	4604	0 \$	- \$	8.99	\$29.21
4605	07/11/13	7	21	32	\$11.31	\$ 45.72	\$43.07	4605	0 \$	- \$	8.99	\$28.48
4606	07/11/13	7	22	31	\$9.57	\$ 38.08	\$43.07	4606	0 \$	- \$	8.99	\$24.09
4607	07/11/13	7	23	29	\$7.87	\$ 28.65	\$31.07	4607	0 \$	- \$	8.99	\$19.82
4608	07/11/13	7	24	27	\$6.54	\$ 24.09	\$24.69	4608	0 \$	- \$	8.99	\$16.45
4609	07/12/13	7	1	26	\$4.25	\$ 22.95	\$22.90	4609	0 \$	- \$	8.98	\$10.69
4610	07/12/13	7	2	25	\$3.48	\$ 22.23	\$21.75	4610	0 \$	- \$	8.98	\$8.75
4611	07/12/13	7	3	24	\$2.59	\$ 21.76	\$21.03	4611	0 \$	- \$	8.98	\$6.52
4612	07/12/13	7	4	24	\$1.54	\$ 21.76	\$20.59	4612	0 \$	- \$	8.98	\$3.87
4613	07/12/13	7	5	23	\$1.87	\$ 21.48	\$20.59	4613	0 \$	- \$	8.98	\$4.70
4614	07/12/13	7	6	23	\$3.11	\$ 21.48	\$20.59	4614	0 \$	- \$	8.97	\$7.82
4615	07/12/13	7	7	24	\$3.87	\$ 21.76	\$20.59	4615	0 \$	- \$	8.97	\$9.73
4616	07/12/13	7	8	25	\$5.11	\$ 22.23	\$21.75	4616	0 \$	- \$	8.97	\$12.87
4617	07/12/13	7	9	27	\$7.01	\$ 24.09	\$22.90	4617	0 \$	- \$	8.97	\$17.64
4618	07/12/13	7	10	29	\$7.37	\$ 28.65	\$27.35	4618	0 \$	- \$	8.97	\$18.55
4619	07/12/13	7	11	30	\$7.89	\$ 32.53	\$31.07	4619	0 \$	- \$	8.96	\$19.86
4620	07/12/13	7	12	31	\$8.34	\$ 38.08	\$36.21	4620	0 \$	- \$	8.96	\$20.98
4621	07/12/13	7	13	31	\$9.76	\$ 38.08	\$43.07	4621	0 \$	- \$	8.96	\$24.56
4622	07/12/13	7	14	32	\$9.36	\$ 45.72	\$43.07	4622	0 \$	- \$	8.96	\$23.55
4623	07/12/13	7	15	33	\$9.73	\$ 56.49	\$64.21	4623	0 \$	- \$	8.96	\$24.49
4624	07/12/13	7	16	35	\$10.67	\$ 93.21	\$81.20	4624	0 \$	- \$	8.95	\$26.85
4625	07/12/13	7	17	35	\$11.29	\$ 93.21	\$105.08	4625	0 \$	- \$	8.95	\$28.41
4626	07/12/13	7	18	34	\$10.68	\$ 72.00	\$81.20	4626	0 \$	- \$	8.95	\$26.89
4627	07/12/13	7	19	34	\$9.70	\$ 72.00	\$64.21	4627	0 \$	- \$	8.95	\$24.42
4628	07/12/13	7	20	33	\$9.36	\$ 56.49	\$51.98	4628	0 \$	- \$	8.95	\$23.55
4629	07/12/13	7	21	32	\$8.33	\$ 45.72	\$51.98	4629	0 \$	- \$	8.95	\$20.96
4630	07/12/13	7	22	31	\$7.81	\$ 38.08	\$43.07	4630	0 \$	- \$	8.94	\$19.66
4631	07/12/13	7	23	30	\$6.69	\$ 32.53	\$36.21	4631	0 \$	- \$	8.94	\$16.83
4632	07/12/13	7	24	27	\$5.18	\$ 24.09	\$24.69	4632	0 \$	- \$	8.94	\$13.03
4633	07/13/13	7	1	26	\$4.16	\$ 22.95	\$22.90	4633	0 \$	- \$	8.94	\$10.48
4634	07/13/13	7	2	25	\$3.23	\$ 22.23	\$21.75	4634	0 \$	- \$	8.94	\$8.14
4635	07/13/13	7	3	24	\$2.99	\$ 21.76	\$21.03	4635	0 \$	- \$	8.93	\$7.53
4636	07/13/13	7	4	24	\$2.46	\$ 21.76	\$21.03	4636	0 \$	- \$	8.93	\$6.18
4637	07/13/13	7	5	24	\$2.65	\$ 21.76	\$21.03	4637	0 \$	- \$	8.93	\$6.66
4638	07/13/13	7	6	24	\$3.81	\$ 21.76	\$21.03	4638	0 \$	- \$	8.93	\$9.60
4639	07/13/13	7	7	24	\$4.50	\$ 21.76	\$20.59	4639	0 \$	- \$	8.93	\$11.32
4640	07/13/13	7	8	24	\$5.72	\$ 21.76	\$20.59	4640	0 \$	- \$	8.92	\$14.39
4641	07/13/13	7	9	25	\$7.36	\$ 22.23	\$21.03	4641	0 \$	- \$	8.92	\$18.53
4642	07/13/13	7	10	26	\$7.95	\$ 22.95	\$22.90	4642	0 \$	- \$	8.92	\$20.00
4643	07/13/13	7	11	26	\$8.91	\$ 22.95	\$22.90	4643	0 \$	- \$	8.92	\$22.42
4644	07/13/13	7	12	27	\$9.98	\$ 24.09	\$24.69	4644	0 \$	- \$	8.92	\$25.13
4645	07/13/13	7	13	28	\$11.30	\$ 25.89	\$27.35	4645	0 \$	- \$	8.91	\$28.44
4646	07/13/13	7	14	29	\$11.97	\$ 28.65	\$31.07	4646	0 \$	- \$	8.91	\$30.12
4647	07/13/13	7	15	29	\$12.27	\$ 28.65	\$36.21	4647	0 \$	- \$	8.91	\$30.89
4648	07/13/13	7	16	30	\$12.80	\$ 32.53	\$36.21	4648	0 \$	- \$	8.91	\$32.21

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4649	07/13/13	7	17	30	\$14.68	\$ 32.53	\$36.21	4649	0 \$	- \$	8.91	\$36.94
4650	07/13/13	7	18	30	\$13.64	\$ 32.53	\$36.21	4650	0 \$	- \$	8.90	\$34.33
4651	07/13/13	7	19	29	\$12.48	\$ 28.65	\$31.07	4651	0 \$	- \$	8.90	\$31.42
4652	07/13/13	7	20	28	\$11.60	\$ 25.89	\$27.35	4652	0 \$	- \$	8.90	\$29.21
4653	07/13/13	7	21	28	\$10.04	\$ 25.89	\$27.35	4653	0 \$	- \$	8.90	\$25.28
4654	07/13/13	7	22	28	\$8.45	\$ 25.89	\$27.35	4654	0 \$	- \$	8.90	\$21.28
4655	07/13/13	7	23	26	\$7.59	\$ 22.95	\$24.69	4655	0 \$	- \$	8.90	\$19.11
4656	07/13/13	7	24	25	\$6.55	\$ 22.23	\$21.75	4656	0 \$	- \$	8.89	\$16.49
4657	07/14/13	7	1	24	\$6.46	\$ 21.76	\$21.03	4657	0 \$	- \$	8.89	\$16.26
4658	07/14/13	7	2	23	\$6.21	\$ 21.48	\$20.59	4658	0 \$	- \$	8.89	\$15.64
4659	07/14/13	7	3	22	\$5.97	\$ 21.32	\$20.59	4659	0 \$	- \$	8.89	\$15.02
4660	07/14/13	7	4	22	\$5.88	\$ 21.32	\$20.33	4660	0 \$	- \$	8.89	\$14.79
4661	07/14/13	7	5	22	\$6.13	\$ 21.32	\$20.33	4661	0 \$	- \$	8.88	\$15.42
4662	07/14/13	7	6	22	\$6.26	\$ 21.32	\$20.33	4662	0 \$	- \$	8.88	\$15.76
4663	07/14/13	7	7	22	\$6.44	\$ 21.32	\$20.33	4663	0 \$	- \$	8.88	\$16.21
4664	07/14/13	7	8	23	\$7.20	\$ 21.48	\$20.59	4664	0 \$	- \$	8.88	\$18.12
4665	07/14/13	7	9	24	\$8.01	\$ 21.76	\$21.03	4665	0 \$	- \$	8.88	\$20.17
4666	07/14/13	7	10	26	\$8.92	\$ 22.95	\$21.75	4666	0 \$	- \$	8.87	\$22.44
4667	07/14/13	7	11	27	\$10.99	\$ 24.09	\$22.90	4667	0 \$	- \$	8.87	\$27.67
4668	07/14/13	7	12	28	\$13.59	\$ 25.89	\$24.69	4668	0 \$	- \$	8.87	\$34.20
4669	07/14/13	7	13	29	\$14.15	\$ 28.65	\$31.07	4669	0 \$	- \$	8.87	\$35.61
4670	07/14/13	7	14	30	\$15.45	\$ 32.53	\$31.07	4670	0 \$	- \$	8.87	\$38.90
4671	07/14/13	7	15	31	\$16.25	\$ 38.08	\$36.21	4671	0 \$	- \$	8.86	\$40.91
4672	07/14/13	7	16	31	\$17.43	\$ 38.08	\$43.07	4672	0 \$	- \$	8.86	\$43.88
4673	07/14/13	7	17	31	\$20.33	\$ 38.08	\$43.07	4673	0 \$	- \$	8.86	\$51.17
4674	07/14/13	7	18	32	\$21.20	\$ 45.72	\$43.07	4674	0 \$	- \$	8.86	\$53.37
4675	07/14/13	7	19	32	\$18.65	\$ 45.72	\$51.98	4675	0 \$	- \$	8.86	\$46.95
4676	07/14/13	7	20	31	\$15.92	\$ 38.08	\$43.07	4676	0 \$	- \$	8.86	\$40.08
4677	07/14/13	7	21	31	\$15.86	\$ 38.08	\$36.21	4677	0 \$	- \$	8.85	\$39.91
4678	07/14/13	7	22	30	\$14.79	\$ 32.53	\$36.21	4678	0 \$	- \$	8.85	\$37.23
4679	07/14/13	7	23	29	\$10.66	\$ 28.65	\$27.35	4679	0 \$	- \$	8.85	\$26.82
4680	07/14/13	7	24	27	\$9.50	\$ 24.09	\$22.90	4680	0 \$	- \$	8.85	\$23.90
4681	07/15/13	7	1	25	\$8.78	\$ 22.23	\$21.75	4681	0 \$	- \$	8.85	\$22.11
4682	07/15/13	7	2	25	\$8.22	\$ 22.23	\$21.03	4682	0 \$	- \$	8.84	\$20.70
4683	07/15/13	7	3	24	\$7.97	\$ 21.76	\$21.03	4683	0 \$	- \$	8.84	\$20.07
4684	07/15/13	7	4	24	\$7.84	\$ 21.76	\$20.59	4684	0 \$	- \$	8.84	\$19.73
4685	07/15/13	7	5	24	\$8.08	\$ 21.76	\$20.59	4685	0 \$	- \$	8.84	\$20.33
4686	07/15/13	7	6	25	\$8.44	\$ 22.23	\$21.03	4686	0 \$	- \$	8.84	\$21.24
4687	07/15/13	7	7	26	\$8.64	\$ 22.95	\$21.75	4687	0 \$	- \$	8.83	\$21.76
4688	07/15/13	7	8	28	\$11.93	\$ 25.89	\$24.69	4688	0 \$	- \$	8.83	\$30.03
4689	07/15/13	7	9	30	\$13.01	\$ 32.53	\$31.07	4689	0 \$	- \$	8.83	\$32.75
4690	07/15/13	7	10	32	\$14.45	\$ 45.72	\$43.07	4690	0 \$	- \$	8.83	\$36.37
4691	07/15/13	7	11	33	\$16.57	\$ 56.49	\$51.98	4691	0 \$	- \$	8.83	\$41.72
4692	07/15/13	7	12	35	\$19.11	\$ 93.21	\$81.20	4692	0 \$	- \$	8.82	\$48.09
4693	07/15/13	7	13	36	\$21.27	\$ 121.32	\$105.08	4693	0 \$	- \$	8.82	\$53.53
4694	07/15/13	7	14	37	\$23.05	\$ 156.65	\$135.96	4694	0 \$	- \$	8.82	\$58.01
4695	07/15/13	7	15	37	\$25.04	\$ 156.65	\$176.47	4695	0 \$	- \$	8.82	\$63.02
4696	07/15/13	7	16	37	\$27.58	\$ 156.65	\$176.47	4696	0 \$	- \$	8.82	\$69.43
4697	07/15/13	7	17	37	\$27.44	\$ 156.65	\$176.47	4697	0 \$	- \$	8.82	\$69.06
4698	07/15/13	7	18	37	\$23.74	\$ 156.65	\$135.96	4698	0 \$	- \$	8.81	\$59.76
4699	07/15/13	7	19	37	\$21.48	\$ 156.65	\$135.96	4699	0 \$	- \$	8.81	\$54.06
4700	07/15/13	7	20	36	\$18.99	\$ 121.32	\$135.96	4700	0 \$	- \$	8.81	\$47.79
4701	07/15/13	7	21	35	\$17.64	\$ 93.21	\$105.08	4701	0 \$	- \$	8.81	\$44.41
4702	07/15/13	7	22	35	\$14.91	\$ 93.21	\$81.20	4702	0 \$	- \$	8.81	\$37.53
4703	07/15/13	7	23	33	\$10.48	\$ 56.49	\$51.98	4703	0 \$	- \$	8.80	\$26.39
4704	07/15/13	7	24	31	\$8.90	\$ 38.08	\$36.21	4704	0 \$	- \$	8.80	\$22.41

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4705	07/16/13	7	1	29	\$7.61	\$ 28.65	\$31.07	4705	0 \$	- \$	8.80	\$19.15
4706	07/16/13	7	2	28	\$7.14	\$ 25.89	\$27.35	4706	0 \$	- \$	8.80	\$17.96
4707	07/16/13	7	3	28	\$6.96	\$ 25.89	\$24.69	4707	0 \$	- \$	8.80	\$17.52
4708	07/16/13	7	4	27	\$6.90	\$ 24.09	\$24.69	4708	0 \$	- \$	8.79	\$17.37
4709	07/16/13	7	5	27	\$7.30	\$ 24.09	\$22.90	4709	0 \$	- \$	8.79	\$18.38
4710	07/16/13	7	6	28	\$7.66	\$ 25.89	\$24.69	4710	0 \$	- \$	8.79	\$19.28
4711	07/16/13	7	7	29	\$7.91	\$ 28.65	\$27.35	4711	0 \$	- \$	8.79	\$19.90
4712	07/16/13	7	8	30	\$10.71	\$ 32.53	\$36.21	4712	0 \$	- \$	8.79	\$26.97
4713	07/16/13	7	9	32	\$13.77	\$ 45.72	\$43.07	4713	0 \$	- \$	8.79	\$34.66
4714	07/16/13	7	10	33	\$16.65	\$ 56.49	\$51.98	4714	0 \$	- \$	8.78	\$41.91
4715	07/16/13	7	11	35	\$19.84	\$ 93.21	\$81.20	4715	0 \$	- \$	8.78	\$49.94
4716	07/16/13	7	12	36	\$22.20	\$ 121.32	\$105.08	4716	0 \$	- \$	8.78	\$55.87
4717	07/16/13	7	13	36	\$24.45	\$ 121.32	\$105.08	4717	0 \$	- \$	8.78	\$61.53
4718	07/16/13	7	14	38	\$27.07	\$ 208.06	\$176.47	4718	0 \$	- \$	8.78	\$68.14
4719	07/16/13	7	15	39	\$30.03	\$ 283.42	\$234.60	4719	0 \$	- \$	8.77	\$75.59
4720	07/16/13	7	16	39	\$32.63	\$ 283.42	\$234.60	4720	0 \$	- \$	8.77	\$82.12
4721	07/16/13	7	17	39	\$31.03	\$ 283.42	\$234.60	4721	0 \$	- \$	8.77	\$78.11
4722	07/16/13	7	18	38	\$26.29	\$ 208.06	\$234.60	4722	0 \$	- \$	8.77	\$66.18
4723	07/16/13	7	19	38	\$23.43	\$ 208.06	\$176.47	4723	0 \$	- \$	8.77	\$58.97
4724	07/16/13	7	20	37	\$21.22	\$ 156.65	\$176.47	4724	0 \$	- \$	8.77	\$53.41
4725	07/16/13	7	21	37	\$21.04	\$ 156.65	\$135.96	4725	0 \$	- \$	8.76	\$52.97
4726	07/16/13	7	22	36	\$17.98	\$ 121.32	\$105.08	4726	0 \$	- \$	8.76	\$45.25
4727	07/16/13	7	23	34	\$13.67	\$ 72.00	\$64.21	4727	0 \$	- \$	8.76	\$34.40
4728	07/16/13	7	24	32	\$10.46	\$ 45.72	\$43.07	4728	0 \$	- \$	8.76	\$26.34
4729	07/17/13	7	1	30	\$8.32	\$ 32.53	\$31.07	4729	0 \$	- \$	8.76	\$20.95
4730	07/17/13	7	2	29	\$8.12	\$ 28.65	\$27.35	4730	0 \$	- \$	8.75	\$20.45
4731	07/17/13	7	3	28	\$7.85	\$ 25.89	\$27.35	4731	0 \$	- \$	8.75	\$19.75
4732	07/17/13	7	4	26	\$7.70	\$ 22.95	\$22.90	4732	0 \$	- \$	8.75	\$19.37
4733	07/17/13	7	5	27	\$7.64	\$ 24.09	\$24.69	4733	0 \$	- \$	8.75	\$19.23
4734	07/17/13	7	6	28	\$8.09	\$ 25.89	\$27.35	4734	0 \$	- \$	8.75	\$20.36
4735	07/17/13	7	7	29	\$8.37	\$ 28.65	\$27.35	4735	0 \$	- \$	8.74	\$21.07
4736	07/17/13	7	8	31	\$14.18	\$ 38.08	\$36.21	4736	0 \$	- \$	8.74	\$35.69
4737	07/17/13	7	9	33	\$16.44	\$ 56.49	\$51.98	4737	0 \$	- \$	8.74	\$41.37
4738	07/17/13	7	10	35	\$19.36	\$ 93.21	\$81.20	4738	0 \$	- \$	8.74	\$48.73
4739	07/17/13	7	11	37	\$21.93	\$ 156.65	\$135.96	4739	0 \$	- \$	8.74	\$55.21
4740	07/17/13	7	12	38	\$24.03	\$ 208.06	\$176.47	4740	0 \$	- \$	8.74	\$60.48
4741	07/17/13	7	13	38	\$26.63	\$ 208.06	\$234.60	4741	0 \$	- \$	8.73	\$67.02
4742	07/17/13	7	14	40	\$29.54	\$ 454.88	\$341.50	4742	0 \$	- \$	8.73	\$74.36
4743	07/17/13	7	15	40	\$31.60	\$ 454.88	\$601.34	4743	0 \$	- \$	8.73	\$79.55
4744	07/17/13	7	16	40	\$37.65	\$ 454.88	\$601.34	4744	0 \$	- \$	8.73	\$94.77
4745	07/17/13	7	17	40	\$32.80	\$ 454.88	\$601.34	4745	0 \$	- \$	8.73	\$82.56
4746	07/17/13	7	18	39	\$28.64	\$ 283.42	\$341.50	4746	0 \$	- \$	8.72	\$72.09
4747	07/17/13	7	19	39	\$25.59	\$ 283.42	\$341.50	4747	0 \$	- \$	8.72	\$64.42
4748	07/17/13	7	20	38	\$22.84	\$ 208.06	\$234.60	4748	0 \$	- \$	8.72	\$57.49
4749	07/17/13	7	21	37	\$22.01	\$ 156.65	\$176.47	4749	0 \$	- \$	8.72	\$55.39
4750	07/17/13	7	22	36	\$19.01	\$ 121.32	\$105.08	4750	0 \$	- \$	8.72	\$47.84
4751	07/17/13	7	23	33	\$13.42	\$ 56.49	\$64.21	4751	0 \$	- \$	8.72	\$33.78
4752	07/17/13	7	24	31	\$9.44	\$ 38.08	\$43.07	4752	0 \$	- \$	8.71	\$23.77
4753	07/18/13	7	1	29	\$8.43	\$ 28.65	\$31.07	4753	0 \$	- \$	8.71	\$21.22
4754	07/18/13	7	2	28	\$7.54	\$ 25.89	\$24.69	4754	0 \$	- \$	8.71	\$18.99
4755	07/18/13	7	3	27	\$7.45	\$ 24.09	\$24.69	4755	0 \$	- \$	8.71	\$18.74
4756	07/18/13	7	4	26	\$7.38	\$ 22.95	\$22.90	4756	0 \$	- \$	8.71	\$18.58
4757	07/18/13	7	5	26	\$7.38	\$ 22.95	\$22.90	4757	0 \$	- \$	8.70	\$18.58
4758	07/18/13	7	6	27	\$7.52	\$ 24.09	\$24.69	4758	0 \$	- \$	8.70	\$18.94
4759	07/18/13	7	7	28	\$7.57	\$ 25.89	\$24.69	4759	0 \$	- \$	8.70	\$19.05
4760	07/18/13	7	8	29	\$10.14	\$ 28.65	\$27.35	4760	0 \$	- \$	8.70	\$25.52

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4761	07/18/13	7	9	30	\$12.43	\$ 32.53	\$31.07	4761	0 \$	- \$	8.70	\$31.28
4762	07/18/13	7	10	31	\$16.28	\$ 38.08	\$36.21	4762	0 \$	- \$	8.70	\$40.99
4763	07/18/13	7	11	33	\$19.94	\$ 56.49	\$51.98	4763	0 \$	- \$	8.69	\$50.20
4764	07/18/13	7	12	34	\$19.32	\$ 72.00	\$64.21	4764	0 \$	- \$	8.69	\$48.62
4765	07/18/13	7	13	35	\$20.54	\$ 93.21	\$81.20	4765	0 \$	- \$	8.69	\$51.69
4766	07/18/13	7	14	35	\$20.83	\$ 93.21	\$105.08	4766	0 \$	- \$	8.69	\$52.43
4767	07/18/13	7	15	36	\$21.29	\$ 121.32	\$105.08	4767	0 \$	- \$	8.69	\$53.58
4768	07/18/13	7	16	36	\$22.45	\$ 121.32	\$135.96	4768	0 \$	- \$	8.68	\$56.51
4769	07/18/13	7	17	37	\$20.42	\$ 156.65	\$176.47	4769	0 \$	- \$	8.68	\$51.41
4770	07/18/13	7	18	38	\$18.48	\$ 208.06	\$234.60	4770	0 \$	- \$	8.68	\$46.51
4771	07/18/13	7	19	37	\$17.23	\$ 156.65	\$176.47	4771	0 \$	- \$	8.68	\$43.37
4772	07/18/13	7	20	38	\$16.11	\$ 208.06	\$234.60	4772	0 \$	- \$	8.68	\$40.55
4773	07/18/13	7	21	37	\$16.44	\$ 156.65	\$176.47	4773	0 \$	- \$	8.68	\$41.38
4774	07/18/13	7	22	37	\$13.75	\$ 156.65	\$135.96	4774	0 \$	- \$	8.67	\$34.60
4775	07/18/13	7	23	35	\$9.82	\$ 93.21	\$105.08	4775	0 \$	- \$	8.67	\$24.72
4776	07/18/13	7	24	33	\$7.77	\$ 56.49	\$64.21	4776	0 \$	- \$	8.67	\$19.55
4777	07/19/13	7	1	31	\$5.90	\$ 38.08	\$43.07	4777	0 \$	- \$	8.67	\$14.85
4778	07/19/13	7	2	30	\$5.69	\$ 32.53	\$36.21	4778	0 \$	- \$	8.67	\$14.31
4779	07/19/13	7	3	29	\$5.07	\$ 28.65	\$27.35	4779	0 \$	- \$	8.66	\$12.77
4780	07/19/13	7	4	28	\$4.14	\$ 25.89	\$27.35	4780	0 \$	- \$	8.66	\$10.42
4781	07/19/13	7	5	28	\$4.99	\$ 25.89	\$27.35	4781	0 \$	- \$	8.66	\$12.55
4782	07/19/13	7	6	29	\$5.33	\$ 28.65	\$31.07	4782	0 \$	- \$	8.66	\$13.42
4783	07/19/13	7	7	30	\$7.33	\$ 32.53	\$31.07	4783	0 \$	- \$	8.66	\$18.46
4784	07/19/13	7	8	31	\$10.19	\$ 38.08	\$43.07	4784	0 \$	- \$	8.66	\$25.64
4785	07/19/13	7	9	33	\$13.63	\$ 56.49	\$51.98	4785	0 \$	- \$	8.65	\$34.31
4786	07/19/13	7	10	34	\$16.47	\$ 72.00	\$81.20	4786	0 \$	- \$	8.65	\$41.46
4787	07/19/13	7	11	35	\$19.13	\$ 93.21	\$105.08	4787	0 \$	- \$	8.65	\$48.14
4788	07/19/13	7	12	37	\$20.85	\$ 156.65	\$135.96	4788	0 \$	- \$	8.65	\$52.48
4789	07/19/13	7	13	37	\$23.16	\$ 156.65	\$176.47	4789	0 \$	- \$	8.65	\$58.30
4790	07/19/13	7	14	38	\$25.54	\$ 208.06	\$234.60	4790	0 \$	- \$	8.64	\$64.29
4791	07/19/13	7	15	39	\$27.39	\$ 283.42	\$234.60	4791	0 \$	- \$	8.64	\$68.95
4792	07/19/13	7	16	39	\$29.02	\$ 283.42	\$234.60	4792	0 \$	- \$	8.64	\$73.04
4793	07/19/13	7	17	39	\$25.31	\$ 283.42	\$341.50	4793	0 \$	- \$	8.64	\$63.71
4794	07/19/13	7	18	39	\$22.20	\$ 283.42	\$341.50	4794	0 \$	- \$	8.64	\$55.88
4795	07/19/13	7	19	37	\$20.09	\$ 156.65	\$176.47	4795	0 \$	- \$	8.64	\$50.56
4796	07/19/13	7	20	36	\$18.12	\$ 121.32	\$135.96	4796	0 \$	- \$	8.63	\$45.60
4797	07/19/13	7	21	35	\$17.63	\$ 93.21	\$81.20	4797	0 \$	- \$	8.63	\$44.37
4798	07/19/13	7	22	34	\$14.73	\$ 72.00	\$81.20	4798	0 \$	- \$	8.63	\$37.08
4799	07/19/13	7	23	32	\$12.73	\$ 45.72	\$51.98	4799	0 \$	- \$	8.63	\$32.03
4800	07/19/13	7	24	30	\$11.60	\$ 32.53	\$36.21	4800	0 \$	- \$	8.63	\$29.21
4801	07/20/13	7	1	28	\$8.76	\$ 25.89	\$27.35	4801	0 \$	- \$	8.62	\$22.06
4802	07/20/13	7	2	27	\$7.79	\$ 24.09	\$24.69	4802	0 \$	- \$	8.62	\$19.61
4803	07/20/13	7	3	26	\$7.47	\$ 22.95	\$22.90	4803	0 \$	- \$	8.62	\$18.79
4804	07/20/13	7	4	25	\$7.35	\$ 22.23	\$21.75	4804	0 \$	- \$	8.62	\$18.49
4805	07/20/13	7	5	25	\$7.34	\$ 22.23	\$21.03	4805	0 \$	- \$	8.62	\$18.48
4806	07/20/13	7	6	25	\$7.43	\$ 22.23	\$21.75	4806	0 \$	- \$	8.62	\$18.70
4807	07/20/13	7	7	24	\$7.69	\$ 21.76	\$21.03	4807	0 \$	- \$	8.61	\$19.36
4808	07/20/13	7	8	26	\$8.36	\$ 22.95	\$21.75	4808	0 \$	- \$	8.61	\$21.04
4809	07/20/13	7	9	27	\$12.77	\$ 24.09	\$24.69	4809	0 \$	- \$	8.61	\$32.15
4810	07/20/13	7	10	29	\$13.00	\$ 28.65	\$31.07	4810	0 \$	- \$	8.61	\$32.71
4811	07/20/13	7	11	30	\$16.23	\$ 32.53	\$36.21	4811	0 \$	- \$	8.61	\$40.85
4812	07/20/13	7	12	31	\$17.04	\$ 38.08	\$36.21	4812	0 \$	- \$	8.60	\$42.88
4813	07/20/13	7	13	32	\$17.72	\$ 45.72	\$51.98	4813	0 \$	- \$	8.60	\$44.61
4814	07/20/13	7	14	32	\$19.04	\$ 45.72	\$51.98	4814	0 \$	- \$	8.60	\$47.92
4815	07/20/13	7	15	32	\$19.40	\$ 45.72	\$51.98	4815	0 \$	- \$	8.60	\$48.84
4816	07/20/13	7	16	33	\$21.28	\$ 56.49	\$64.21	4816	0 \$	- \$	8.60	\$53.57

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4817	07/20/13	7	17	33	\$20.64	\$ 56.49	\$64.21	4817	0 \$	- \$	8.60	\$51.94
4818	07/20/13	7	18	33	\$18.42	\$ 56.49	\$64.21	4818	0 \$	- \$	8.59	\$46.37
4819	07/20/13	7	19	33	\$16.18	\$ 56.49	\$64.21	4819	0 \$	- \$	8.59	\$40.72
4820	07/20/13	7	20	32	\$14.22	\$ 45.72	\$51.98	4820	0 \$	- \$	8.59	\$35.80
4821	07/20/13	7	21	31	\$14.43	\$ 38.08	\$43.07	4821	0 \$	- \$	8.59	\$36.31
4822	07/20/13	7	22	31	\$13.46	\$ 38.08	\$36.21	4822	0 \$	- \$	8.59	\$33.88
4823	07/20/13	7	23	29	\$9.56	\$ 28.65	\$31.07	4823	0 \$	- \$	8.59	\$24.06
4824	07/20/13	7	24	28	\$7.96	\$ 25.89	\$24.69	4824	0 \$	- \$	8.58	\$20.04
4825	07/21/13	7	1	26	\$7.43	\$ 22.95	\$22.90	4825	0 \$	- \$	8.58	\$18.71
4826	07/21/13	7	2	25	\$7.07	\$ 22.23	\$21.75	4826	0 \$	- \$	8.58	\$17.80
4827	07/21/13	7	3	24	\$6.05	\$ 21.76	\$21.03	4827	0 \$	- \$	8.58	\$15.22
4828	07/21/13	7	4	24	\$5.42	\$ 21.76	\$21.03	4828	0 \$	- \$	8.58	\$13.65
4829	07/21/13	7	5	24	\$5.69	\$ 21.76	\$21.03	4829	0 \$	- \$	8.57	\$14.31
4830	07/21/13	7	6	24	\$5.58	\$ 21.76	\$20.59	4830	0 \$	- \$	8.57	\$14.04
4831	07/21/13	7	7	23	\$5.98	\$ 21.48	\$20.59	4831	0 \$	- \$	8.57	\$15.05
4832	07/21/13	7	8	24	\$7.21	\$ 21.76	\$21.03	4832	0 \$	- \$	8.57	\$18.16
4833	07/21/13	7	9	25	\$7.89	\$ 22.23	\$21.75	4833	0 \$	- \$	8.57	\$19.85
4834	07/21/13	7	10	27	\$8.60	\$ 24.09	\$22.90	4834	0 \$	- \$	8.57	\$21.64
4835	07/21/13	7	11	28	\$9.62	\$ 25.89	\$27.35	4835	0 \$	- \$	8.56	\$24.21
4836	07/21/13	7	12	29	\$12.36	\$ 28.65	\$31.07	4836	0 \$	- \$	8.56	\$31.12
4837	07/21/13	7	13	29	\$13.34	\$ 28.65	\$31.07	4837	0 \$	- \$	8.56	\$33.58
4838	07/21/13	7	14	30	\$14.22	\$ 32.53	\$36.21	4838	0 \$	- \$	8.56	\$35.80
4839	07/21/13	7	15	30	\$14.62	\$ 32.53	\$36.21	4839	0 \$	- \$	8.56	\$36.81
4840	07/21/13	7	16	30	\$15.83	\$ 32.53	\$36.21	4840	0 \$	- \$	8.56	\$39.84
4841	07/21/13	7	17	30	\$17.06	\$ 32.53	\$43.07	4841	0 \$	- \$	8.55	\$42.94
4842	07/21/13	7	18	31	\$15.98	\$ 38.08	\$43.07	4842	0 \$	- \$	8.55	\$40.23
4843	07/21/13	7	19	31	\$14.64	\$ 38.08	\$43.07	4843	0 \$	- \$	8.55	\$36.84
4844	07/21/13	7	20	30	\$13.77	\$ 32.53	\$36.21	4844	0 \$	- \$	8.55	\$34.67
4845	07/21/13	7	21	29	\$13.25	\$ 28.65	\$31.07	4845	0 \$	- \$	8.55	\$33.34
4846	07/21/13	7	22	30	\$11.56	\$ 32.53	\$36.21	4846	0 \$	- \$	8.54	\$29.10
4847	07/21/13	7	23	28	\$9.34	\$ 25.89	\$27.35	4847	0 \$	- \$	8.54	\$23.50
4848	07/21/13	7	24	26	\$7.63	\$ 22.95	\$22.90	4848	0 \$	- \$	8.54	\$19.21
4849	07/22/13	7	1	25	\$6.54	\$ 22.23	\$21.75	4849	0 \$	- \$	8.54	\$16.47
4850	07/22/13	7	2	24	\$6.15	\$ 21.76	\$21.03	4850	0 \$	- \$	8.54	\$15.49
4851	07/22/13	7	3	24	\$5.36	\$ 21.76	\$21.03	4851	0 \$	- \$	8.54	\$13.50
4852	07/22/13	7	4	24	\$5.49	\$ 21.76	\$21.03	4852	0 \$	- \$	8.53	\$13.82
4853	07/22/13	7	5	24	\$6.00	\$ 21.76	\$21.03	4853	0 \$	- \$	8.53	\$15.09
4854	07/22/13	7	6	25	\$6.90	\$ 22.23	\$21.75	4854	0 \$	- \$	8.53	\$17.36
4855	07/22/13	7	7	26	\$7.44	\$ 22.95	\$22.90	4855	0 \$	- \$	8.53	\$18.73
4856	07/22/13	7	8	28	\$8.64	\$ 25.89	\$27.35	4856	0 \$	- \$	8.53	\$21.75
4857	07/22/13	7	9	30	\$10.69	\$ 32.53	\$31.07	4857	0 \$	- \$	8.53	\$26.92
4858	07/22/13	7	10	32	\$12.79	\$ 45.72	\$43.07	4858	0 \$	- \$	8.52	\$32.20
4859	07/22/13	7	11	34	\$13.79	\$ 72.00	\$64.21	4859	0 \$	- \$	8.52	\$34.72
4860	07/22/13	7	12	35	\$15.21	\$ 93.21	\$81.20	4860	0 \$	- \$	8.52	\$38.28
4861	07/22/13	7	13	36	\$17.68	\$ 121.32	\$105.08	4861	0 \$	- \$	8.52	\$44.50
4862	07/22/13	7	14	37	\$19.98	\$ 156.65	\$176.47	4862	0 \$	- \$	8.52	\$50.29
4863	07/22/13	7	15	38	\$21.24	\$ 208.06	\$176.47	4863	0 \$	- \$	8.51	\$53.46
4864	07/22/13	7	16	38	\$23.06	\$ 208.06	\$234.60	4864	0 \$	- \$	8.51	\$58.04
4865	07/22/13	7	17	39	\$22.59	\$ 283.42	\$234.60	4865	0 \$	- \$	8.51	\$56.87
4866	07/22/13	7	18	39	\$21.06	\$ 283.42	\$234.60	4866	0 \$	- \$	8.51	\$53.01
4867	07/22/13	7	19	38	\$19.40	\$ 208.06	\$176.47	4867	0 \$	- \$	8.51	\$48.82
4868	07/22/13	7	20	36	\$16.86	\$ 121.32	\$135.96	4868	0 \$	- \$	8.51	\$42.45
4869	07/22/13	7	21	35	\$15.98	\$ 93.21	\$105.08	4869	0 \$	- \$	8.50	\$40.22
4870	07/22/13	7	22	34	\$13.44	\$ 72.00	\$64.21	4870	0 \$	- \$	8.50	\$33.82
4871	07/22/13	7	23	31	\$10.35	\$ 38.08	\$43.07	4871	0 \$	- \$	8.50	\$26.04
4872	07/22/13	7	24	29	\$9.03	\$ 28.65	\$27.35	4872	0 \$	- \$	8.50	\$22.73

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
4873	07/23/13	7	1	28	\$7.53	\$ 25.89	\$24.69	4873	0 \$	- \$	8.50	\$18.95
4874	07/23/13	7	2	26	\$7.15	\$ 22.95	\$22.90	4874	0 \$	- \$	8.50	\$17.99
4875	07/23/13	7	3	25	\$6.75	\$ 22.23	\$21.75	4875	0 \$	- \$	8.49	\$17.00
4876	07/23/13	7	4	25	\$6.50	\$ 22.23	\$21.03	4876	0 \$	- \$	8.49	\$16.35
4877	07/23/13	7	5	25	\$6.49	\$ 22.23	\$21.03	4877	0 \$	- \$	8.49	\$16.33
4878	07/23/13	7	6	26	\$7.18	\$ 22.95	\$21.75	4878	0 \$	- \$	8.49	\$18.08
4879	07/23/13	7	7	26	\$7.90	\$ 22.95	\$21.75	4879	0 \$	- \$	8.49	\$19.89
4880	07/23/13	7	8	28	\$9.58	\$ 25.89	\$24.69	4880	0 \$	- \$	8.48	\$24.11
4881	07/23/13	7	9	29	\$11.91	\$ 28.65	\$24.69	4881	0 \$	- \$	8.48	\$29.97
4882	07/23/13	7	10	29	\$13.54	\$ 28.65	\$27.35	4882	0 \$	- \$	8.48	\$34.07
4883	07/23/13	7	11	30	\$15.67	\$ 32.53	\$31.07	4883	0 \$	- \$	8.48	\$39.44
4884	07/23/13	7	12	31	\$15.61	\$ 38.08	\$36.21	4884	0 \$	- \$	8.48	\$39.29
4885	07/23/13	7	13	31	\$17.72	\$ 38.08	\$36.21	4885	0 \$	- \$	8.48	\$44.61
4886	07/23/13	7	14	32	\$19.47	\$ 45.72	\$43.07	4886	0 \$	- \$	8.47	\$49.00
4887	07/23/13	7	15	32	\$19.42	\$ 45.72	\$43.07	4887	0 \$	- \$	8.47	\$48.87
4888	07/23/13	7	16	31	\$20.66	\$ 38.08	\$43.07	4888	0 \$	- \$	8.47	\$52.00
4889	07/23/13	7	17	32	\$19.94	\$ 45.72	\$43.07	4889	0 \$	- \$	8.47	\$50.18
4890	07/23/13	7	18	31	\$17.82	\$ 38.08	\$43.07	4890	0 \$	- \$	8.47	\$44.85
4891	07/23/13	7	19	31	\$16.19	\$ 38.08	\$43.07	4891	0 \$	- \$	8.47	\$40.76
4892	07/23/13	7	20	31	\$14.78	\$ 38.08	\$36.21	4892	0 \$	- \$	8.46	\$37.20
4893	07/23/13	7	21	30	\$14.20	\$ 32.53	\$36.21	4893	0 \$	- \$	8.46	\$35.74
4894	07/23/13	7	22	30	\$12.64	\$ 32.53	\$31.07	4894	0 \$	- \$	8.46	\$31.82
4895	07/23/13	7	23	28	\$11.10	\$ 25.89	\$27.35	4895	0 \$	- \$	8.46	\$27.94
4896	07/23/13	7	24	26	\$8.84	\$ 22.95	\$22.90	4896	0 \$	- \$	8.46	\$22.25
4897	07/24/13	7	1	25	\$8.02	\$ 22.23	\$21.03	4897	0 \$	- \$	8.46	\$20.18
4898	07/24/13	7	2	24	\$7.61	\$ 21.76	\$21.03	4898	0 \$	- \$	8.45	\$19.15
4899	07/24/13	7	3	24	\$7.31	\$ 21.76	\$20.59	4899	0 \$	- \$	8.45	\$18.41
4900	07/24/13	7	4	23	\$7.20	\$ 21.48	\$20.59	4900	0 \$	- \$	8.45	\$18.12
4901	07/24/13	7	5	23	\$7.33	\$ 21.48	\$20.59	4901	0 \$	- \$	8.45	\$18.44
4902	07/24/13	7	6	24	\$7.89	\$ 21.76	\$21.03	4902	0 \$	- \$	8.45	\$19.85
4903	07/24/13	7	7	25	\$8.21	\$ 22.23	\$21.03	4903	0 \$	- \$	8.45	\$20.66
4904	07/24/13	7	8	26	\$10.34	\$ 22.95	\$22.90	4904	0 \$	- \$	8.44	\$26.02
4905	07/24/13	7	9	28	\$11.43	\$ 25.89	\$24.69	4905	0 \$	- \$	8.44	\$28.78
4906	07/24/13	7	10	29	\$12.71	\$ 28.65	\$27.35	4906	0 \$	- \$	8.44	\$31.99
4907	07/24/13	7	11	30	\$13.91	\$ 32.53	\$31.07	4907	0 \$	- \$	8.44	\$35.00
4908	07/24/13	7	12	31	\$13.98	\$ 38.08	\$36.21	4908	0 \$	- \$	8.44	\$35.18
4909	07/24/13	7	13	31	\$14.61	\$ 38.08	\$36.21	4909	0 \$	- \$	8.43	\$36.77
4910	07/24/13	7	14	32	\$15.22	\$ 45.72	\$43.07	4910	0 \$	- \$	8.43	\$38.30
4911	07/24/13	7	15	32	\$15.87	\$ 45.72	\$51.98	4911	0 \$	- \$	8.43	\$39.94
4912	07/24/13	7	16	32	\$15.39	\$ 45.72	\$51.98	4912	0 \$	- \$	8.43	\$38.75
4913	07/24/13	7	17	33	\$15.63	\$ 56.49	\$51.98	4913	0 \$	- \$	8.43	\$39.35
4914	07/24/13	7	18	32	\$14.87	\$ 45.72	\$51.98	4914	0 \$	- \$	8.43	\$37.42
4915	07/24/13	7	19	32	\$14.20	\$ 45.72	\$51.98	4915	0 \$	- \$	8.42	\$35.73
4916	07/24/13	7	20	31	\$13.18	\$ 38.08	\$43.07	4916	0 \$	- \$	8.42	\$33.17
4917	07/24/13	7	21	31	\$13.25	\$ 38.08	\$36.21	4917	0 \$	- \$	8.42	\$33.36
4918	07/24/13	7	22	30	\$11.87	\$ 32.53	\$31.07	4918	0 \$	- \$	8.42	\$29.89
4919	07/24/13	7	23	28	\$9.57	\$ 25.89	\$27.35	4919	0 \$	- \$	8.42	\$24.09
4920	07/24/13	7	24	27	\$8.05	\$ 24.09	\$22.90	4920	0 \$	- \$	8.42	\$20.25
4921	07/25/13	7	1	25	\$7.63	\$ 22.23	\$21.75	4921	0 \$	- \$	8.41	\$19.21
4922	07/25/13	7	2	24	\$7.20	\$ 21.76	\$21.03	4922	0 \$	- \$	8.41	\$18.13
4923	07/25/13	7	3	24	\$6.65	\$ 21.76	\$21.03	4923	0 \$	- \$	8.41	\$16.74
4924	07/25/13	7	4	24	\$6.13	\$ 21.76	\$20.59	4924	0 \$	- \$	8.41	\$15.43
4925	07/25/13	7	5	24	\$6.50	\$ 21.76	\$21.03	4925	0 \$	- \$	8.41	\$16.36
4926	07/25/13	7	6	25	\$7.20	\$ 22.23	\$21.03	4926	0 \$	- \$	8.41	\$18.12
4927	07/25/13	7	7	25	\$7.54	\$ 22.23	\$21.75	4927	0 \$	- \$	8.40	\$18.97
4928	07/25/13	7	8	27	\$8.45	\$ 24.09	\$24.69	4928	0 \$	- \$	8.40	\$21.26

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4929	07/25/13	7	9	28	\$9.55	\$ 25.89	\$27.35	4929	0 \$	- \$	8.40	\$24.03
4930	07/25/13	7	10	29	\$11.69	\$ 28.65	\$27.35	4930	0 \$	- \$	8.40	\$29.42
4931	07/25/13	7	11	30	\$12.98	\$ 32.53	\$31.07	4931	0 \$	- \$	8.40	\$32.66
4932	07/25/13	7	12	31	\$13.93	\$ 38.08	\$36.21	4932	0 \$	- \$	8.40	\$35.06
4933	07/25/13	7	13	32	\$14.07	\$ 45.72	\$43.07	4933	0 \$	- \$	8.39	\$35.42
4934	07/25/13	7	14	33	\$14.94	\$ 56.49	\$51.98	4934	0 \$	- \$	8.39	\$37.61
4935	07/25/13	7	15	33	\$15.49	\$ 56.49	\$51.98	4935	0 \$	- \$	8.39	\$38.99
4936	07/25/13	7	16	33	\$16.39	\$ 56.49	\$64.21	4936	0 \$	- \$	8.39	\$41.25
4937	07/25/13	7	17	33	\$16.57	\$ 56.49	\$64.21	4937	0 \$	- \$	8.39	\$41.71
4938	07/25/13	7	18	33	\$15.07	\$ 56.49	\$64.21	4938	0 \$	- \$	8.39	\$37.92
4939	07/25/13	7	19	32	\$14.01	\$ 45.72	\$43.07	4939	0 \$	- \$	8.38	\$35.26
4940	07/25/13	7	20	31	\$12.61	\$ 38.08	\$36.21	4940	0 \$	- \$	8.38	\$31.74
4941	07/25/13	7	21	31	\$12.47	\$ 38.08	\$36.21	4941	0 \$	- \$	8.38	\$31.39
4942	07/25/13	7	22	31	\$10.35	\$ 38.08	\$36.21	4942	0 \$	- \$	8.38	\$26.04
4943	07/25/13	7	23	30	\$9.32	\$ 32.53	\$31.07	4943	0 \$	- \$	8.38	\$23.45
4944	07/25/13	7	24	28	\$7.72	\$ 25.89	\$24.69	4944	0 \$	- \$	8.38	\$19.44
4945	07/26/13	7	1	27	\$7.43	\$ 24.09	\$22.90	4945	0 \$	- \$	8.37	\$18.69
4946	07/26/13	7	2	26	\$6.75	\$ 22.95	\$21.75	4946	0 \$	- \$	8.37	\$17.00
4947	07/26/13	7	3	25	\$5.91	\$ 22.23	\$21.03	4947	0 \$	- \$	8.37	\$14.88
4948	07/26/13	7	4	25	\$5.54	\$ 22.23	\$21.03	4948	0 \$	- \$	8.37	\$13.94
4949	07/26/13	7	5	25	\$5.86	\$ 22.23	\$21.03	4949	0 \$	- \$	8.37	\$14.76
4950	07/26/13	7	6	25	\$6.67	\$ 22.23	\$21.75	4950	0 \$	- \$	8.36	\$16.79
4951	07/26/13	7	7	26	\$6.98	\$ 22.95	\$21.75	4951	0 \$	- \$	8.36	\$17.56
4952	07/26/13	7	8	26	\$7.79	\$ 22.95	\$21.75	4952	0 \$	- \$	8.36	\$19.61
4953	07/26/13	7	9	27	\$8.03	\$ 24.09	\$22.90	4953	0 \$	- \$	8.36	\$20.21
4954	07/26/13	7	10	28	\$8.40	\$ 25.89	\$24.69	4954	0 \$	- \$	8.36	\$21.15
4955	07/26/13	7	11	30	\$8.38	\$ 32.53	\$31.07	4955	0 \$	- \$	8.36	\$21.09
4956	07/26/13	7	12	31	\$8.61	\$ 38.08	\$36.21	4956	0 \$	- \$	8.35	\$21.66
4957	07/26/13	7	13	31	\$8.52	\$ 38.08	\$36.21	4957	0 \$	- \$	8.35	\$21.44
4958	07/26/13	7	14	31	\$8.39	\$ 38.08	\$36.21	4958	0 \$	- \$	8.35	\$21.13
4959	07/26/13	7	15	31	\$8.24	\$ 38.08	\$36.21	4959	0 \$	- \$	8.35	\$20.74
4960	07/26/13	7	16	30	\$8.24	\$ 32.53	\$31.07	4960	0 \$	- \$	8.35	\$20.75
4961	07/26/13	7	17	30	\$8.19	\$ 32.53	\$31.07	4961	0 \$	- \$	8.35	\$20.62
4962	07/26/13	7	18	30	\$7.99	\$ 32.53	\$31.07	4962	0 \$	- \$	8.34	\$20.11
4963	07/26/13	7	19	29	\$7.93	\$ 28.65	\$27.35	4963	0 \$	- \$	8.34	\$19.95
4964	07/26/13	7	20	28	\$7.97	\$ 25.89	\$24.69	4964	0 \$	- \$	8.34	\$20.05
4965	07/26/13	7	21	27	\$8.09	\$ 24.09	\$24.69	4965	0 \$	- \$	8.34	\$20.36
4966	07/26/13	7	22	27	\$7.98	\$ 24.09	\$24.69	4966	0 \$	- \$	8.34	\$20.08
4967	07/26/13	7	23	26	\$7.85	\$ 22.95	\$22.90	4967	0 \$	- \$	8.34	\$19.76
4968	07/26/13	7	24	25	\$7.53	\$ 22.23	\$21.03	4968	0 \$	- \$	8.33	\$18.95
4969	07/27/13	7	1	24	\$7.35	\$ 21.76	\$20.59	4969	0 \$	- \$	8.33	\$18.51
4970	07/27/13	7	2	23	\$6.79	\$ 21.48	\$20.33	4970	0 \$	- \$	8.33	\$17.10
4971	07/27/13	7	3	22	\$6.40	\$ 21.32	\$20.33	4971	0 \$	- \$	8.33	\$16.12
4972	07/27/13	7	4	22	\$6.22	\$ 21.32	\$20.19	4972	0 \$	- \$	8.33	\$15.66
4973	07/27/13	7	5	22	\$6.68	\$ 21.32	\$20.19	4973	0 \$	- \$	8.33	\$16.81
4974	07/27/13	7	6	22	\$7.15	\$ 21.32	\$20.19	4974	0 \$	- \$	8.32	\$18.00
4975	07/27/13	7	7	22	\$7.48	\$ 21.32	\$20.19	4975	0 \$	- \$	8.32	\$18.84
4976	07/27/13	7	8	22	\$8.07	\$ 21.32	\$20.19	4976	0 \$	- \$	8.32	\$20.32
4977	07/27/13	7	9	24	\$8.46	\$ 21.76	\$20.59	4977	0 \$	- \$	8.32	\$21.29
4978	07/27/13	7	10	24	\$8.70	\$ 21.76	\$21.03	4978	0 \$	- \$	8.32	\$21.90
4979	07/27/13	7	11	25	\$9.04	\$ 22.23	\$21.03	4979	0 \$	- \$	8.32	\$22.75
4980	07/27/13	7	12	25	\$9.26	\$ 22.23	\$21.03	4980	0 \$	- \$	8.31	\$23.30
4981	07/27/13	7	13	25	\$9.23	\$ 22.23	\$21.03	4981	0 \$	- \$	8.31	\$23.24
4982	07/27/13	7	14	25	\$9.04	\$ 22.23	\$21.03	4982	0 \$	- \$	8.31	\$22.75
4983	07/27/13	7	15	25	\$9.31	\$ 22.23	\$21.03	4983	0 \$	- \$	8.31	\$23.44
4984	07/27/13	7	16	24	\$9.91	\$ 21.76	\$21.03	4984	0 \$	- \$	8.31	\$24.95

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
4985	07/27/13	7	17	25	\$10.08	\$ 22.23	\$21.03	4985	0 \$	- \$	8.31	\$25.38
4986	07/27/13	7	18	25	\$10.15	\$ 22.23	\$21.75	4986	0 \$	- \$	8.30	\$25.56
4987	07/27/13	7	19	25	\$9.87	\$ 22.23	\$21.75	4987	0 \$	- \$	8.30	\$24.84
4988	07/27/13	7	20	24	\$9.55	\$ 21.76	\$21.03	4988	0 \$	- \$	8.30	\$24.05
4989	07/27/13	7	21	24	\$9.66	\$ 21.76	\$21.03	4989	0 \$	- \$	8.30	\$24.31
4990	07/27/13	7	22	24	\$9.36	\$ 21.76	\$21.03	4990	0 \$	- \$	8.30	\$23.56
4991	07/27/13	7	23	23	\$8.43	\$ 21.48	\$20.59	4991	0 \$	- \$	8.30	\$21.23
4992	07/27/13	7	24	22	\$7.86	\$ 21.32	\$20.19	4992	0 \$	- \$	8.29	\$19.78
4993	07/28/13	7	1	21	\$7.09	\$ 21.25	\$20.19	4993	0 \$	- \$	8.29	\$17.84
4994	07/28/13	7	2	21	\$6.48	\$ 21.25	\$20.13	4994	0 \$	- \$	8.29	\$16.31
4995	07/28/13	7	3	20	\$5.68	\$ 21.22	\$20.13	4995	0 \$	- \$	8.29	\$14.29
4996	07/28/13	7	4	20	\$5.58	\$ 21.22	\$20.10	4996	0 \$	- \$	8.29	\$14.05
4997	07/28/13	7	5	20	\$5.47	\$ 21.22	\$20.10	4997	0 \$	- \$	8.29	\$13.78
4998	07/28/13	7	6	20	\$6.07	\$ 21.22	\$20.10	4998	0 \$	- \$	8.28	\$15.28
4999	07/28/13	7	7	19	\$7.09	\$ 21.20	\$20.10	4999	0 \$	- \$	8.28	\$17.85
5000	07/28/13	7	8	20	\$7.93	\$ 21.22	\$20.10	5000	0 \$	- \$	8.28	\$19.96
5001	07/28/13	7	9	21	\$8.49	\$ 21.25	\$20.13					\$21.38
5002	07/28/13	7	10	21	\$8.81	\$ 21.25	\$20.19					\$22.18
5003	07/28/13	7	11	22	\$8.97	\$ 21.32	\$20.33					\$22.59
5004	07/28/13	7	12	22	\$9.20	\$ 21.32	\$20.33					\$23.16
5005	07/28/13	7	13	23	\$9.62	\$ 21.48	\$20.59					\$24.21
5006	07/28/13	7	14	23	\$9.61	\$ 21.48	\$20.59					\$24.18
5007	07/28/13	7	15	24	\$9.71	\$ 21.76	\$21.03					\$24.45
5008	07/28/13	7	16	24	\$10.09	\$ 21.76	\$21.03					\$25.39
5009	07/28/13	7	17	24	\$10.48	\$ 21.76	\$21.03					\$26.38
5010	07/28/13	7	18	24	\$10.64	\$ 21.76	\$21.03					\$26.79
5011	07/28/13	7	19	24	\$10.63	\$ 21.76	\$21.03					\$26.75
5012	07/28/13	7	20	25	\$10.40	\$ 22.23	\$21.03					\$26.19
5013	07/28/13	7	21	24	\$10.83	\$ 21.76	\$21.03					\$27.26
5014	07/28/13	7	22	24	\$9.79	\$ 21.76	\$21.03					\$24.64
5015	07/28/13	7	23	24	\$8.59	\$ 21.76	\$20.59					\$21.62
5016	07/28/13	7	24	22	\$8.21	\$ 21.32	\$20.33					\$20.67
5017	07/29/13	7	1	22	\$7.23	\$ 21.32	\$20.19					\$18.20
5018	07/29/13	7	2	21	\$6.77	\$ 21.25	\$20.19					\$17.05
5019	07/29/13	7	3	21	\$6.16	\$ 21.25	\$20.13					\$15.50
5020	07/29/13	7	4	21	\$6.00	\$ 21.25	\$20.13					\$15.10
5021	07/29/13	7	5	21	\$6.76	\$ 21.25	\$20.13					\$17.01
5022	07/29/13	7	6	22	\$7.53	\$ 21.32	\$20.19					\$18.95
5023	07/29/13	7	7	23	\$7.85	\$ 21.48	\$20.33					\$19.76
5024	07/29/13	7	8	25	\$8.45	\$ 22.23	\$21.03					\$21.26
5025	07/29/13	7	9	26	\$9.85	\$ 22.95	\$22.90					\$24.79
5026	07/29/13	7	10	27	\$11.48	\$ 24.09	\$22.90					\$28.90
5027	07/29/13	7	11	27	\$12.26	\$ 24.09	\$22.90					\$30.86
5028	07/29/13	7	12	28	\$13.29	\$ 25.89	\$24.69					\$33.46
5029	07/29/13	7	13	28	\$13.44	\$ 25.89	\$24.69					\$33.84
5030	07/29/13	7	14	28	\$13.62	\$ 25.89	\$24.69					\$34.28
5031	07/29/13	7	15	28	\$13.75	\$ 25.89	\$24.69					\$34.62
5032	07/29/13	7	16	29	\$14.19	\$ 28.65	\$24.69					\$35.72
5033	07/29/13	7	17	28	\$14.43	\$ 25.89	\$24.69					\$36.32
5034	07/29/13	7	18	28	\$13.79	\$ 25.89	\$24.69					\$34.72
5035	07/29/13	7	19	27	\$13.15	\$ 24.09	\$22.90					\$33.10
5036	07/29/13	7	20	27	\$12.45	\$ 24.09	\$22.90					\$31.35
5037	07/29/13	7	21	27	\$12.86	\$ 24.09	\$22.90					\$32.38
5038	07/29/13	7	22	27	\$9.32	\$ 24.09	\$22.90					\$23.46
5039	07/29/13	7	23	26	\$8.41	\$ 22.95	\$22.90					\$21.18
5040	07/29/13	7	24	25	\$7.73	\$ 22.23	\$21.03					\$19.45

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5041	07/30/13	7	1	24	\$7.48	\$ 21.76	\$21.03					\$18.82
5042	07/30/13	7	2	23	\$7.23	\$ 21.48	\$20.59					\$18.21
5043	07/30/13	7	3	23	\$7.05	\$ 21.48	\$20.59					\$17.74
5044	07/30/13	7	4	23	\$7.02	\$ 21.48	\$20.33					\$17.68
5045	07/30/13	7	5	23	\$7.45	\$ 21.48	\$20.59					\$18.74
5046	07/30/13	7	6	24	\$8.03	\$ 21.76	\$20.59					\$20.20
5047	07/30/13	7	7	24	\$8.67	\$ 21.76	\$21.03					\$21.83
5048	07/30/13	7	8	26	\$9.47	\$ 22.95	\$21.75					\$23.84
5049	07/30/13	7	9	26	\$10.66	\$ 22.95	\$21.75					\$26.82
5050	07/30/13	7	10	26	\$11.85	\$ 22.95	\$21.75					\$29.83
5051	07/30/13	7	11	27	\$12.90	\$ 24.09	\$22.90					\$32.48
5052	07/30/13	7	12	27	\$14.08	\$ 24.09	\$22.90					\$35.43
5053	07/30/13	7	13	27	\$14.25	\$ 24.09	\$24.69					\$35.88
5054	07/30/13	7	14	27	\$13.85	\$ 24.09	\$22.90					\$34.87
5055	07/30/13	7	15	28	\$13.87	\$ 25.89	\$24.69					\$34.91
5056	07/30/13	7	16	27	\$14.12	\$ 24.09	\$22.90					\$35.54
5057	07/30/13	7	17	27	\$13.92	\$ 24.09	\$24.69					\$35.05
5058	07/30/13	7	18	28	\$13.39	\$ 25.89	\$24.69					\$33.70
5059	07/30/13	7	19	28	\$14.01	\$ 25.89	\$24.69					\$35.26
5060	07/30/13	7	20	28	\$13.27	\$ 25.89	\$24.69					\$33.40
5061	07/30/13	7	21	28	\$13.23	\$ 25.89	\$24.69					\$33.31
5062	07/30/13	7	22	27	\$11.18	\$ 24.09	\$24.69					\$28.14
5063	07/30/13	7	23	27	\$9.89	\$ 24.09	\$22.90					\$24.90
5064	07/30/13	7	24	25	\$8.49	\$ 22.23	\$21.75					\$21.37
5065	07/31/13	7	1	25	\$7.70	\$ 22.23	\$21.03					\$19.39
5066	07/31/13	7	2	24	\$7.35	\$ 21.76	\$20.59					\$18.51
5067	07/31/13	7	3	23	\$6.80	\$ 21.48	\$20.59					\$17.11
5068	07/31/13	7	4	23	\$6.79	\$ 21.48	\$20.59					\$17.09
5069	07/31/13	7	5	23	\$7.25	\$ 21.48	\$20.59					\$18.26
5070	07/31/13	7	6	24	\$7.81	\$ 21.76	\$21.03					\$19.66
5071	07/31/13	7	7	25	\$9.05	\$ 22.23	\$21.03					\$22.78
5072	07/31/13	7	8	26	\$10.85	\$ 22.95	\$21.75					\$27.31
5073	07/31/13	7	9	28	\$12.19	\$ 25.89	\$24.69					\$30.69
5074	07/31/13	7	10	28	\$12.26	\$ 25.89	\$24.69					\$30.86
5075	07/31/13	7	11	29	\$13.60	\$ 28.65	\$27.35					\$34.24
5076	07/31/13	7	12	30	\$14.88	\$ 32.53	\$31.07					\$37.46
5077	07/31/13	7	13	30	\$16.03	\$ 32.53	\$36.21					\$40.34
5078	07/31/13	7	14	31	\$15.59	\$ 38.08	\$36.21					\$39.23
5079	07/31/13	7	15	32	\$15.94	\$ 45.72	\$43.07					\$40.12
5080	07/31/13	7	16	32	\$16.47	\$ 45.72	\$43.07					\$41.45
5081	07/31/13	7	17	32	\$15.72	\$ 45.72	\$51.98					\$39.57
5082	07/31/13	7	18	32	\$14.33	\$ 45.72	\$51.98					\$36.07
5083	07/31/13	7	19	31	\$13.49	\$ 38.08	\$43.07					\$33.95
5084	07/31/13	7	20	31	\$12.24	\$ 38.08	\$43.07					\$30.82
5085	07/31/13	7	21	31	\$13.08	\$ 38.08	\$36.21					\$32.92
5086	07/31/13	7	22	30	\$11.04	\$ 32.53	\$31.07					\$27.79
5087	07/31/13	7	23	28	\$8.12	\$ 25.89	\$27.35					\$20.44
5088	07/31/13	7	24	27	\$7.72	\$ 24.09	\$24.69					\$19.44
5089	08/01/13	8	1	24	\$8.16	\$ 21.76	\$21.03					\$20.55
5090	08/01/13	8	2	22	\$7.80	\$ 21.32	\$20.33					\$19.64
5091	08/01/13	8	3	22	\$7.59	\$ 21.32	\$20.19					\$19.11
5092	08/01/13	8	4	23	\$7.49	\$ 21.48	\$20.33					\$18.85
5093	08/01/13	8	5	24	\$7.72	\$ 21.76	\$20.59					\$19.42
5094	08/01/13	8	6	25	\$8.28	\$ 22.23	\$21.03					\$20.85
5095	08/01/13	8	7	25	\$8.90	\$ 22.23	\$21.75					\$22.39
5096	08/01/13	8	8	26	\$10.75	\$ 22.95	\$22.90					\$27.07

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5097	08/01/13	8	9	28	\$11.53	\$ 25.89	\$24.69					\$29.03
5098	08/01/13	8	10	29	\$13.03	\$ 28.65	\$27.35					\$32.80
5099	08/01/13	8	11	30	\$13.55	\$ 32.53	\$31.07					\$34.10
5100	08/01/13	8	12	31	\$14.36	\$ 38.08	\$43.07					\$36.15
5101	08/01/13	8	13	31	\$15.43	\$ 38.08	\$36.21					\$38.85
5102	08/01/13	8	14	32	\$15.98	\$ 45.72	\$43.07					\$40.22
5103	08/01/13	8	15	32	\$16.77	\$ 45.72	\$51.98					\$42.22
5104	08/01/13	8	16	32	\$17.21	\$ 45.72	\$51.98					\$43.33
5105	08/01/13	8	17	33	\$16.52	\$ 56.49	\$51.98					\$41.59
5106	08/01/13	8	18	32	\$15.53	\$ 45.72	\$43.07					\$39.08
5107	08/01/13	8	19	32	\$14.97	\$ 45.72	\$43.07					\$37.69
5108	08/01/13	8	20	31	\$14.10	\$ 38.08	\$36.21					\$35.50
5109	08/01/13	8	21	31	\$14.08	\$ 38.08	\$36.21					\$35.43
5110	08/01/13	8	22	30	\$12.40	\$ 32.53	\$36.21					\$31.21
5111	08/01/13	8	23	29	\$10.32	\$ 28.65	\$27.35					\$25.98
5112	08/01/13	8	24	27	\$9.01	\$ 24.09	\$22.90					\$22.68
5113	08/02/13	8	1	26	\$7.77	\$ 22.95	\$21.75					\$19.57
5114	08/02/13	8	2	25	\$7.61	\$ 22.23	\$21.75					\$19.15
5115	08/02/13	8	3	24	\$7.24	\$ 21.76	\$21.03					\$18.22
5116	08/02/13	8	4	24	\$6.97	\$ 21.76	\$20.59					\$17.55
5117	08/02/13	8	5	24	\$7.36	\$ 21.76	\$21.03					\$18.52
5118	08/02/13	8	6	25	\$7.83	\$ 22.23	\$21.03					\$19.72
5119	08/02/13	8	7	25	\$7.91	\$ 22.23	\$21.75					\$19.90
5120	08/02/13	8	8	26	\$9.36	\$ 22.95	\$21.75					\$23.57
5121	08/02/13	8	9	27	\$10.46	\$ 24.09	\$22.90					\$26.34
5122	08/02/13	8	10	28	\$11.53	\$ 25.89	\$24.69					\$29.01
5123	08/02/13	8	11	30	\$12.45	\$ 32.53	\$31.07					\$31.35
5124	08/02/13	8	12	31	\$13.25	\$ 38.08	\$36.21					\$33.35
5125	08/02/13	8	13	31	\$13.14	\$ 38.08	\$36.21					\$33.08
5126	08/02/13	8	14	32	\$13.94	\$ 45.72	\$43.07					\$35.09
5127	08/02/13	8	15	32	\$14.69	\$ 45.72	\$43.07					\$36.97
5128	08/02/13	8	16	32	\$14.92	\$ 45.72	\$43.07					\$37.56
5129	08/02/13	8	17	32	\$14.45	\$ 45.72	\$43.07					\$36.38
5130	08/02/13	8	18	31	\$13.60	\$ 38.08	\$36.21					\$34.24
5131	08/02/13	8	19	30	\$12.65	\$ 32.53	\$31.07					\$31.83
5132	08/02/13	8	20	29	\$12.12	\$ 28.65	\$27.35					\$30.50
5133	08/02/13	8	21	28	\$11.65	\$ 25.89	\$27.35					\$29.33
5134	08/02/13	8	22	28	\$10.00	\$ 25.89	\$24.69					\$25.16
5135	08/02/13	8	23	27	\$8.23	\$ 24.09	\$22.90					\$20.71
5136	08/02/13	8	24	25	\$7.68	\$ 22.23	\$21.75					\$19.34
5137	08/03/13	8	1	24	\$7.58	\$ 21.76	\$21.03					\$19.08
5138	08/03/13	8	2	23	\$7.31	\$ 21.48	\$20.59					\$18.39
5139	08/03/13	8	3	23	\$6.90	\$ 21.48	\$20.59					\$17.37
5140	08/03/13	8	4	23	\$6.22	\$ 21.48	\$20.33					\$15.65
5141	08/03/13	8	5	22	\$6.20	\$ 21.32	\$20.33					\$15.60
5142	08/03/13	8	6	22	\$6.77	\$ 21.32	\$20.33					\$17.04
5143	08/03/13	8	7	22	\$7.25	\$ 21.32	\$20.33					\$18.24
5144	08/03/13	8	8	23	\$7.94	\$ 21.48	\$20.33					\$19.98
5145	08/03/13	8	9	24	\$8.22	\$ 21.76	\$21.03					\$20.68
5146	08/03/13	8	10	25	\$9.13	\$ 22.23	\$21.75					\$22.97
5147	08/03/13	8	11	26	\$9.82	\$ 22.95	\$21.75					\$24.71
5148	08/03/13	8	12	27	\$11.04	\$ 24.09	\$22.90					\$27.78
5149	08/03/13	8	13	27	\$11.71	\$ 24.09	\$22.90					\$29.48
5150	08/03/13	8	14	27	\$12.47	\$ 24.09	\$24.69					\$31.39
5151	08/03/13	8	15	27	\$12.48	\$ 24.09	\$24.69					\$31.41
5152	08/03/13	8	16	28	\$12.61	\$ 25.89	\$24.69					\$31.73

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5153	08/03/13	8	17	28	\$13.19	\$ 25.89	\$27.35					\$33.20
5154	08/03/13	8	18	28	\$12.94	\$ 25.89	\$27.35					\$32.58
5155	08/03/13	8	19	27	\$12.19	\$ 24.09	\$24.69					\$30.69
5156	08/03/13	8	20	27	\$11.12	\$ 24.09	\$24.69					\$27.98
5157	08/03/13	8	21	26	\$10.56	\$ 22.95	\$22.90					\$26.57
5158	08/03/13	8	22	26	\$9.27	\$ 22.95	\$22.90					\$23.34
5159	08/03/13	8	23	25	\$8.45	\$ 22.23	\$21.75					\$21.26
5160	08/03/13	8	24	24	\$7.81	\$ 21.76	\$21.03					\$19.67
5161	08/04/13	8	1	23	\$7.16	\$ 21.48	\$20.59					\$18.01
5162	08/04/13	8	2	22	\$6.66	\$ 21.32	\$20.33					\$16.76
5163	08/04/13	8	3	21	\$6.01	\$ 21.25	\$20.19					\$15.14
5164	08/04/13	8	4	21	\$5.98	\$ 21.25	\$20.19					\$15.06
5165	08/04/13	8	5	21	\$5.76	\$ 21.25	\$20.13					\$14.49
5166	08/04/13	8	6	21	\$5.90	\$ 21.25	\$20.19					\$14.85
5167	08/04/13	8	7	20	\$6.50	\$ 21.22	\$20.13					\$16.37
5168	08/04/13	8	8	21	\$7.21	\$ 21.25	\$20.19					\$18.14
5169	08/04/13	8	9	22	\$7.73	\$ 21.32	\$20.19					\$19.46
5170	08/04/13	8	10	23	\$8.35	\$ 21.48	\$20.33					\$21.01
5171	08/04/13	8	11	24	\$8.63	\$ 21.76	\$20.59					\$21.71
5172	08/04/13	8	12	24	\$8.87	\$ 21.76	\$21.03					\$22.32
5173	08/04/13	8	13	25	\$9.15	\$ 22.23	\$21.03					\$23.04
5174	08/04/13	8	14	26	\$9.40	\$ 22.95	\$21.75					\$23.65
5175	08/04/13	8	15	26	\$9.52	\$ 22.95	\$22.90					\$23.95
5176	08/04/13	8	16	27	\$9.91	\$ 24.09	\$24.69					\$24.94
5177	08/04/13	8	17	27	\$10.32	\$ 24.09	\$24.69					\$25.97
5178	08/04/13	8	18	28	\$10.56	\$ 25.89	\$24.69					\$26.59
5179	08/04/13	8	19	28	\$10.30	\$ 25.89	\$27.35					\$25.93
5180	08/04/13	8	20	27	\$9.49	\$ 24.09	\$24.69					\$23.88
5181	08/04/13	8	21	27	\$9.02	\$ 24.09	\$24.69					\$22.71
5182	08/04/13	8	22	27	\$8.36	\$ 24.09	\$24.69					\$21.05
5183	08/04/13	8	23	26	\$7.94	\$ 22.95	\$22.90					\$19.99
5184	08/04/13	8	24	25	\$7.27	\$ 22.23	\$21.03					\$18.31
5185	08/05/13	8	1	24	\$4.51	\$ 21.76	\$20.59					\$11.34
5186	08/05/13	8	2	23	\$3.77	\$ 21.48	\$20.33					\$9.49
5187	08/05/13	8	3	23	\$3.23	\$ 21.48	\$20.33					\$8.14
5188	08/05/13	8	4	22	\$2.92	\$ 21.32	\$20.33					\$7.36
5189	08/05/13	8	5	22	\$4.16	\$ 21.32	\$20.33					\$10.48
5190	08/05/13	8	6	24	\$6.08	\$ 21.76	\$20.59					\$15.30
5191	08/05/13	8	7	25	\$7.48	\$ 22.23	\$21.03					\$18.83
5192	08/05/13	8	8	27	\$8.01	\$ 24.09	\$22.90					\$20.17
5193	08/05/13	8	9	28	\$8.99	\$ 25.89	\$24.69					\$22.63
5194	08/05/13	8	10	29	\$10.43	\$ 28.65	\$27.35					\$26.26
5195	08/05/13	8	11	30	\$11.56	\$ 32.53	\$31.07					\$29.09
5196	08/05/13	8	12	30	\$12.61	\$ 32.53	\$27.35					\$31.74
5197	08/05/13	8	13	30	\$12.81	\$ 32.53	\$31.07					\$32.25
5198	08/05/13	8	14	31	\$12.47	\$ 38.08	\$36.21					\$31.38
5199	08/05/13	8	15	31	\$13.21	\$ 38.08	\$36.21					\$33.26
5200	08/05/13	8	16	32	\$14.01	\$ 45.72	\$43.07					\$35.26
5201	08/05/13	8	17	32	\$14.04	\$ 45.72	\$51.98					\$35.35
5202	08/05/13	8	18	32	\$13.32	\$ 45.72	\$51.98					\$33.53
5203	08/05/13	8	19	32	\$13.68	\$ 45.72	\$51.98					\$34.43
5204	08/05/13	8	20	32	\$13.71	\$ 45.72	\$43.07					\$34.50
5205	08/05/13	8	21	31	\$13.78	\$ 38.08	\$43.07					\$34.68
5206	08/05/13	8	22	31	\$11.48	\$ 38.08	\$36.21					\$28.90
5207	08/05/13	8	23	29	\$9.19	\$ 28.65	\$27.35					\$23.13
5208	08/05/13	8	24	27	\$8.37	\$ 24.09	\$24.69					\$21.06

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5209	08/06/13	8	1	26	\$6.78	\$ 22.95	\$21.75					\$17.07
5210	08/06/13	8	2	25	\$6.18	\$ 22.23	\$21.03					\$15.55
5211	08/06/13	8	3	24	\$5.90	\$ 21.76	\$21.03					\$14.86
5212	08/06/13	8	4	24	\$5.47	\$ 21.76	\$20.59					\$13.77
5213	08/06/13	8	5	24	\$5.55	\$ 21.76	\$21.03					\$13.98
5214	08/06/13	8	6	25	\$7.00	\$ 22.23	\$21.03					\$17.63
5215	08/06/13	8	7	26	\$7.85	\$ 22.95	\$21.75					\$19.76
5216	08/06/13	8	8	25	\$8.31	\$ 22.23	\$21.03					\$20.92
5217	08/06/13	8	9	25	\$8.80	\$ 22.23	\$21.03					\$22.14
5218	08/06/13	8	10	26	\$10.39	\$ 22.95	\$21.75					\$26.14
5219	08/06/13	8	11	28	\$10.80	\$ 25.89	\$24.69					\$27.19
5220	08/06/13	8	12	28	\$12.20	\$ 25.89	\$24.69					\$30.72
5221	08/06/13	8	13	29	\$12.42	\$ 28.65	\$27.35					\$31.27
5222	08/06/13	8	14	30	\$12.62	\$ 32.53	\$31.07					\$31.76
5223	08/06/13	8	15	31	\$13.82	\$ 38.08	\$36.21					\$34.78
5224	08/06/13	8	16	32	\$14.60	\$ 45.72	\$43.07					\$36.75
5225	08/06/13	8	17	32	\$14.76	\$ 45.72	\$51.98					\$37.15
5226	08/06/13	8	18	33	\$13.23	\$ 56.49	\$64.21					\$33.29
5227	08/06/13	8	19	33	\$12.40	\$ 56.49	\$64.21					\$31.20
5228	08/06/13	8	20	33	\$13.03	\$ 56.49	\$51.98					\$32.81
5229	08/06/13	8	21	33	\$11.89	\$ 56.49	\$64.21					\$29.92
5230	08/06/13	8	22	32	\$10.03	\$ 45.72	\$51.98					\$25.24
5231	08/06/13	8	23	31	\$7.73	\$ 38.08	\$43.07					\$19.46
5232	08/06/13	8	24	29	\$6.39	\$ 28.65	\$31.07					\$16.09
5233	08/07/13	8	1	28	\$7.03	\$ 25.89	\$24.69					\$17.70
5234	08/07/13	8	2	27	\$6.48	\$ 24.09	\$22.90					\$16.32
5235	08/07/13	8	3	26	\$6.31	\$ 22.95	\$21.75					\$15.89
5236	08/07/13	8	4	25	\$5.64	\$ 22.23	\$21.75					\$14.19
5237	08/07/13	8	5	25	\$4.68	\$ 22.23	\$21.75					\$11.77
5238	08/07/13	8	6	26	\$5.35	\$ 22.95	\$21.75					\$13.47
5239	08/07/13	8	7	27	\$7.72	\$ 24.09	\$22.90					\$19.44
5240	08/07/13	8	8	28	\$8.01	\$ 25.89	\$24.69					\$20.15
5241	08/07/13	8	9	29	\$9.76	\$ 28.65	\$27.35					\$24.57
5242	08/07/13	8	10	31	\$11.20	\$ 38.08	\$36.21					\$28.19
5243	08/07/13	8	11	31	\$12.11	\$ 38.08	\$36.21					\$30.49
5244	08/07/13	8	12	32	\$13.07	\$ 45.72	\$51.98					\$32.89
5245	08/07/13	8	13	32	\$13.56	\$ 45.72	\$51.98					\$34.12
5246	08/07/13	8	14	32	\$14.50	\$ 45.72	\$51.98					\$36.49
5247	08/07/13	8	15	33	\$15.74	\$ 56.49	\$51.98					\$39.62
5248	08/07/13	8	16	33	\$16.76	\$ 56.49	\$51.98					\$42.18
5249	08/07/13	8	17	33	\$17.11	\$ 56.49	\$51.98					\$43.06
5250	08/07/13	8	18	32	\$15.08	\$ 45.72	\$43.07					\$37.96
5251	08/07/13	8	19	31	\$14.11	\$ 38.08	\$43.07					\$35.52
5252	08/07/13	8	20	30	\$13.78	\$ 32.53	\$36.21					\$34.68
5253	08/07/13	8	21	30	\$12.99	\$ 32.53	\$31.07					\$32.69
5254	08/07/13	8	22	30	\$11.06	\$ 32.53	\$31.07					\$27.85
5255	08/07/13	8	23	28	\$8.73	\$ 25.89	\$27.35					\$21.98
5256	08/07/13	8	24	27	\$7.91	\$ 24.09	\$22.90					\$19.92
5257	08/08/13	8	1	26	\$7.63	\$ 22.95	\$21.75					\$19.21
5258	08/08/13	8	2	25	\$7.14	\$ 22.23	\$21.03					\$17.98
5259	08/08/13	8	3	24	\$6.78	\$ 21.76	\$21.03					\$17.06
5260	08/08/13	8	4	24	\$6.05	\$ 21.76	\$20.59					\$15.22
5261	08/08/13	8	5	24	\$6.09	\$ 21.76	\$20.59					\$15.33
5262	08/08/13	8	6	24	\$6.58	\$ 21.76	\$21.03					\$16.57
5263	08/08/13	8	7	25	\$8.47	\$ 22.23	\$21.75					\$21.31
5264	08/08/13	8	8	26	\$8.84	\$ 22.95	\$22.90					\$22.26

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5265	08/08/13	8	9	28	\$9.44	\$ 25.89	\$24.69					\$23.77
5266	08/08/13	8	10	28	\$10.79	\$ 25.89	\$24.69					\$27.15
5267	08/08/13	8	11	30	\$11.56	\$ 32.53	\$31.07					\$29.09
5268	08/08/13	8	12	31	\$12.45	\$ 38.08	\$36.21					\$31.34
5269	08/08/13	8	13	31	\$13.36	\$ 38.08	\$36.21					\$33.63
5270	08/08/13	8	14	32	\$14.04	\$ 45.72	\$43.07					\$35.35
5271	08/08/13	8	15	32	\$14.76	\$ 45.72	\$43.07					\$37.16
5272	08/08/13	8	16	32	\$15.36	\$ 45.72	\$43.07					\$38.65
5273	08/08/13	8	17	32	\$16.07	\$ 45.72	\$43.07					\$40.45
5274	08/08/13	8	18	32	\$14.60	\$ 45.72	\$43.07					\$36.75
5275	08/08/13	8	19	32	\$13.63	\$ 45.72	\$43.07					\$34.31
5276	08/08/13	8	20	31	\$12.97	\$ 38.08	\$36.21					\$32.64
5277	08/08/13	8	21	31	\$12.23	\$ 38.08	\$36.21					\$30.79
5278	08/08/13	8	22	30	\$11.09	\$ 32.53	\$36.21					\$27.91
5279	08/08/13	8	23	29	\$9.18	\$ 28.65	\$27.35					\$23.10
5280	08/08/13	8	24	27	\$8.54	\$ 24.09	\$24.69					\$21.50
5281	08/09/13	8	1	26	\$7.25	\$ 22.95	\$21.75					\$18.24
5282	08/09/13	8	2	25	\$6.78	\$ 22.23	\$21.03					\$17.06
5283	08/09/13	8	3	24	\$6.35	\$ 21.76	\$21.03					\$15.99
5284	08/09/13	8	4	24	\$6.00	\$ 21.76	\$20.59					\$15.10
5285	08/09/13	8	5	24	\$6.50	\$ 21.76	\$20.59					\$16.35
5286	08/09/13	8	6	23	\$7.46	\$ 21.48	\$20.59					\$18.77
5287	08/09/13	8	7	24	\$9.01	\$ 21.76	\$20.59					\$22.67
5288	08/09/13	8	8	25	\$9.46	\$ 22.23	\$21.75					\$23.82
5289	08/09/13	8	9	26	\$10.51	\$ 22.95	\$21.75					\$26.45
5290	08/09/13	8	10	27	\$12.19	\$ 24.09	\$24.69					\$30.68
5291	08/09/13	8	11	29	\$12.99	\$ 28.65	\$31.07					\$32.70
5292	08/09/13	8	12	31	\$13.62	\$ 38.08	\$36.21					\$34.29
5293	08/09/13	8	13	32	\$14.04	\$ 45.72	\$43.07					\$35.35
5294	08/09/13	8	14	32	\$13.59	\$ 45.72	\$51.98					\$34.21
5295	08/09/13	8	15	33	\$14.30	\$ 56.49	\$51.98					\$36.00
5296	08/09/13	8	16	32	\$15.01	\$ 45.72	\$51.98					\$37.79
5297	08/09/13	8	17	32	\$14.64	\$ 45.72	\$43.07					\$36.86
5298	08/09/13	8	18	32	\$14.24	\$ 45.72	\$43.07					\$35.85
5299	08/09/13	8	19	30	\$13.47	\$ 32.53	\$36.21					\$33.91
5300	08/09/13	8	20	29	\$12.79	\$ 28.65	\$31.07					\$32.19
5301	08/09/13	8	21	29	\$12.08	\$ 28.65	\$31.07					\$30.41
5302	08/09/13	8	22	28	\$10.87	\$ 25.89	\$27.35					\$27.35
5303	08/09/13	8	23	27	\$8.18	\$ 24.09	\$24.69					\$20.58
5304	08/09/13	8	24	26	\$7.87	\$ 22.95	\$21.75					\$19.80
5305	08/10/13	8	1	24	\$7.81	\$ 21.76	\$21.03					\$19.67
5306	08/10/13	8	2	24	\$7.35	\$ 21.76	\$20.59					\$18.51
5307	08/10/13	8	3	23	\$7.23	\$ 21.48	\$20.59					\$18.19
5308	08/10/13	8	4	23	\$6.94	\$ 21.48	\$20.33					\$17.47
5309	08/10/13	8	5	23	\$7.10	\$ 21.48	\$20.33					\$17.88
5310	08/10/13	8	6	23	\$7.26	\$ 21.48	\$20.33					\$18.28
5311	08/10/13	8	7	23	\$7.74	\$ 21.48	\$20.33					\$19.49
5312	08/10/13	8	8	23	\$8.29	\$ 21.48	\$20.59					\$20.87
5313	08/10/13	8	9	24	\$9.28	\$ 21.76	\$21.03					\$23.37
5314	08/10/13	8	10	25	\$10.31	\$ 22.23	\$21.75					\$25.94
5315	08/10/13	8	11	26	\$11.00	\$ 22.95	\$21.75					\$27.69
5316	08/10/13	8	12	27	\$12.18	\$ 24.09	\$22.90					\$30.67
5317	08/10/13	8	13	28	\$11.86	\$ 25.89	\$24.69					\$29.85
5318	08/10/13	8	14	28	\$12.57	\$ 25.89	\$27.35					\$31.63
5319	08/10/13	8	15	28	\$12.94	\$ 25.89	\$27.35					\$32.56
5320	08/10/13	8	16	29	\$13.31	\$ 28.65	\$31.07					\$33.49

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5321	08/10/13	8	17	29	\$13.27	\$ 28.65	\$31.07					\$33.39
5322	08/10/13	8	18	29	\$13.10	\$ 28.65	\$31.07					\$32.98
5323	08/10/13	8	19	28	\$12.31	\$ 25.89	\$27.35					\$30.98
5324	08/10/13	8	20	27	\$11.13	\$ 24.09	\$24.69					\$28.01
5325	08/10/13	8	21	28	\$10.44	\$ 25.89	\$24.69					\$26.28
5326	08/10/13	8	22	27	\$9.30	\$ 24.09	\$24.69					\$23.41
5327	08/10/13	8	23	26	\$7.87	\$ 22.95	\$22.90					\$19.82
5328	08/10/13	8	24	25	\$7.54	\$ 22.23	\$21.75					\$18.99
5329	08/11/13	8	1	24	\$6.91	\$ 21.76	\$21.03					\$17.39
5330	08/11/13	8	2	23	\$5.86	\$ 21.48	\$20.59					\$14.74
5331	08/11/13	8	3	23	\$5.34	\$ 21.48	\$20.59					\$13.43
5332	08/11/13	8	4	23	\$4.59	\$ 21.48	\$20.59					\$11.55
5333	08/11/13	8	5	22	\$4.77	\$ 21.32	\$20.33					\$12.00
5334	08/11/13	8	6	23	\$5.05	\$ 21.48	\$20.33					\$12.70
5335	08/11/13	8	7	22	\$6.82	\$ 21.32	\$20.33					\$17.17
5336	08/11/13	8	8	22	\$7.72	\$ 21.32	\$20.33					\$19.42
5337	08/11/13	8	9	24	\$8.33	\$ 21.76	\$21.03					\$20.96
5338	08/11/13	8	10	25	\$9.14	\$ 22.23	\$21.03					\$23.01
5339	08/11/13	8	11	25	\$9.55	\$ 22.23	\$21.75					\$24.05
5340	08/11/13	8	12	26	\$10.51	\$ 22.95	\$22.90					\$26.46
5341	08/11/13	8	13	28	\$10.50	\$ 25.89	\$27.35					\$26.44
5342	08/11/13	8	14	28	\$10.96	\$ 25.89	\$27.35					\$27.58
5343	08/11/13	8	15	29	\$12.25	\$ 28.65	\$31.07					\$30.83
5344	08/11/13	8	16	29	\$12.70	\$ 28.65	\$31.07					\$31.97
5345	08/11/13	8	17	30	\$13.11	\$ 32.53	\$31.07					\$33.00
5346	08/11/13	8	18	30	\$13.31	\$ 32.53	\$36.21					\$33.49
5347	08/11/13	8	19	30	\$13.34	\$ 32.53	\$31.07					\$33.59
5348	08/11/13	8	20	29	\$13.12	\$ 28.65	\$31.07					\$33.02
5349	08/11/13	8	21	29	\$13.29	\$ 28.65	\$31.07					\$33.44
5350	08/11/13	8	22	28	\$10.85	\$ 25.89	\$27.35					\$27.31
5351	08/11/13	8	23	27	\$8.93	\$ 24.09	\$24.69					\$22.49
5352	08/11/13	8	24	26	\$8.22	\$ 22.95	\$22.90					\$20.68
5353	08/12/13	8	1	25	\$7.42	\$ 22.23	\$21.75					\$18.67
5354	08/12/13	8	2	24	\$7.22	\$ 21.76	\$21.03					\$18.17
5355	08/12/13	8	3	24	\$6.92	\$ 21.76	\$20.59					\$17.42
5356	08/12/13	8	4	23	\$6.78	\$ 21.48	\$20.59					\$17.06
5357	08/12/13	8	5	23	\$7.38	\$ 21.48	\$20.59					\$18.58
5358	08/12/13	8	6	25	\$8.24	\$ 22.23	\$21.03					\$20.75
5359	08/12/13	8	7	26	\$9.21	\$ 22.95	\$21.75					\$23.17
5360	08/12/13	8	8	27	\$10.12	\$ 24.09	\$24.69					\$25.48
5361	08/12/13	8	9	29	\$11.51	\$ 28.65	\$24.69					\$28.97
5362	08/12/13	8	10	29	\$12.45	\$ 28.65	\$27.35					\$31.35
5363	08/12/13	8	11	31	\$13.55	\$ 38.08	\$36.21					\$34.11
5364	08/12/13	8	12	32	\$14.39	\$ 45.72	\$43.07					\$36.23
5365	08/12/13	8	13	33	\$14.93	\$ 56.49	\$51.98					\$37.58
5366	08/12/13	8	14	33	\$15.63	\$ 56.49	\$64.21					\$39.33
5367	08/12/13	8	15	34	\$16.36	\$ 72.00	\$64.21					\$41.18
5368	08/12/13	8	16	33	\$16.39	\$ 56.49	\$64.21					\$41.25
5369	08/12/13	8	17	34	\$16.08	\$ 72.00	\$64.21					\$40.47
5370	08/12/13	8	18	34	\$15.44	\$ 72.00	\$64.21					\$38.86
5371	08/12/13	8	19	33	\$14.80	\$ 56.49	\$51.98					\$37.25
5372	08/12/13	8	20	32	\$13.16	\$ 45.72	\$43.07					\$33.12
5373	08/12/13	8	21	31	\$12.86	\$ 38.08	\$43.07					\$32.36
5374	08/12/13	8	22	30	\$11.18	\$ 32.53	\$36.21					\$28.15
5375	08/12/13	8	23	29	\$8.88	\$ 28.65	\$27.35					\$22.36
5376	08/12/13	8	24	27	\$8.22	\$ 24.09	\$22.90					\$20.68

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5377	08/13/13	8	1	25	\$6.73	\$ 22.23	\$21.75					\$16.95
5378	08/13/13	8	2	24	\$6.66	\$ 21.76	\$21.03					\$16.77
5379	08/13/13	8	3	24	\$6.28	\$ 21.76	\$20.59					\$15.80
5380	08/13/13	8	4	23	\$5.98	\$ 21.48	\$20.59					\$15.06
5381	08/13/13	8	5	24	\$6.35	\$ 21.76	\$20.59					\$15.99
5382	08/13/13	8	6	24	\$7.45	\$ 21.76	\$20.59					\$18.75
5383	08/13/13	8	7	25	\$8.81	\$ 22.23	\$21.03					\$22.18
5384	08/13/13	8	8	26	\$9.67	\$ 22.95	\$21.75					\$24.34
5385	08/13/13	8	9	27	\$10.29	\$ 24.09	\$22.90					\$25.89
5386	08/13/13	8	10	28	\$11.47	\$ 25.89	\$24.69					\$28.87
5387	08/13/13	8	11	29	\$12.13	\$ 28.65	\$27.35					\$30.53
5388	08/13/13	8	12	30	\$12.56	\$ 32.53	\$31.07					\$31.62
5389	08/13/13	8	13	31	\$13.55	\$ 38.08	\$36.21					\$34.10
5390	08/13/13	8	14	29	\$13.87	\$ 28.65	\$31.07					\$34.90
5391	08/13/13	8	15	31	\$13.97	\$ 38.08	\$36.21					\$35.17
5392	08/13/13	8	16	31	\$14.20	\$ 38.08	\$36.21					\$35.74
5393	08/13/13	8	17	31	\$14.27	\$ 38.08	\$43.07					\$35.92
5394	08/13/13	8	18	31	\$14.35	\$ 38.08	\$36.21					\$36.13
5395	08/13/13	8	19	30	\$13.21	\$ 32.53	\$36.21					\$33.25
5396	08/13/13	8	20	30	\$12.13	\$ 32.53	\$31.07					\$30.54
5397	08/13/13	8	21	29	\$11.68	\$ 28.65	\$31.07					\$29.41
5398	08/13/13	8	22	29	\$9.98	\$ 28.65	\$27.35					\$25.11
5399	08/13/13	8	23	27	\$8.31	\$ 24.09	\$24.69					\$20.92
5400	08/13/13	8	24	25	\$7.68	\$ 22.23	\$21.75					\$19.33
5401	08/14/13	8	1	24	\$7.29	\$ 21.76	\$21.03					\$18.34
5402	08/14/13	8	2	23	\$6.65	\$ 21.48	\$20.59					\$16.75
5403	08/14/13	8	3	23	\$6.23	\$ 21.48	\$20.33					\$15.67
5404	08/14/13	8	4	23	\$6.05	\$ 21.48	\$20.33					\$15.23
5405	08/14/13	8	5	22	\$6.55	\$ 21.32	\$20.33					\$16.49
5406	08/14/13	8	6	22	\$7.65	\$ 21.32	\$20.33					\$19.25
5407	08/14/13	8	7	23	\$8.41	\$ 21.48	\$20.59					\$21.17
5408	08/14/13	8	8	24	\$9.40	\$ 21.76	\$21.03					\$23.67
5409	08/14/13	8	9	25	\$10.24	\$ 22.23	\$21.03					\$25.77
5410	08/14/13	8	10	26	\$10.71	\$ 22.95	\$21.75					\$26.95
5411	08/14/13	8	11	27	\$11.12	\$ 24.09	\$22.90					\$28.00
5412	08/14/13	8	12	27	\$11.95	\$ 24.09	\$22.90					\$30.08
5413	08/14/13	8	13	27	\$12.71	\$ 24.09	\$22.90					\$31.99
5414	08/14/13	8	14	28	\$13.34	\$ 25.89	\$24.69					\$33.58
5415	08/14/13	8	15	27	\$13.48	\$ 24.09	\$22.90					\$33.92
5416	08/14/13	8	16	28	\$13.67	\$ 25.89	\$27.35					\$34.41
5417	08/14/13	8	17	29	\$13.56	\$ 28.65	\$27.35					\$34.14
5418	08/14/13	8	18	28	\$13.81	\$ 25.89	\$24.69					\$34.76
5419	08/14/13	8	19	29	\$13.17	\$ 28.65	\$27.35					\$33.14
5420	08/14/13	8	20	28	\$11.79	\$ 25.89	\$27.35					\$29.68
5421	08/14/13	8	21	28	\$11.48	\$ 25.89	\$24.69					\$28.89
5422	08/14/13	8	22	27	\$10.11	\$ 24.09	\$24.69					\$25.45
5423	08/14/13	8	23	26	\$8.45	\$ 22.95	\$21.75					\$21.28
5424	08/14/13	8	24	25	\$7.96	\$ 22.23	\$21.03					\$20.04
5425	08/15/13	8	1	23	\$6.69	\$ 21.48	\$20.59					\$16.83
5426	08/15/13	8	2	23	\$6.12	\$ 21.48	\$20.59					\$15.41
5427	08/15/13	8	3	23	\$5.62	\$ 21.48	\$20.33					\$14.15
5428	08/15/13	8	4	22	\$5.55	\$ 21.32	\$20.33					\$13.98
5429	08/15/13	8	5	22	\$5.80	\$ 21.32	\$20.33					\$14.61
5430	08/15/13	8	6	23	\$7.41	\$ 21.48	\$20.59					\$18.66
5431	08/15/13	8	7	25	\$7.91	\$ 22.23	\$21.03					\$19.92
5432	08/15/13	8	8	26	\$8.34	\$ 22.95	\$21.75					\$20.98

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5433	08/15/13	8	9	27	\$9.11	\$ 24.09	\$22.90					\$22.94
5434	08/15/13	8	10	27	\$9.86	\$ 24.09	\$22.90					\$24.82
5435	08/15/13	8	11	28	\$9.91	\$ 25.89	\$24.69					\$24.95
5436	08/15/13	8	12	28	\$10.69	\$ 25.89	\$24.69					\$26.91
5437	08/15/13	8	13	29	\$10.71	\$ 28.65	\$24.69					\$26.97
5438	08/15/13	8	14	29	\$11.12	\$ 28.65	\$24.69					\$27.98
5439	08/15/13	8	15	29	\$11.57	\$ 28.65	\$27.35					\$29.13
5440	08/15/13	8	16	29	\$11.96	\$ 28.65	\$24.69					\$30.10
5441	08/15/13	8	17	28	\$12.44	\$ 25.89	\$24.69					\$31.31
5442	08/15/13	8	18	28	\$12.34	\$ 25.89	\$24.69					\$31.05
5443	08/15/13	8	19	28	\$11.90	\$ 25.89	\$24.69					\$29.96
5444	08/15/13	8	20	27	\$10.91	\$ 24.09	\$22.90					\$27.45
5445	08/15/13	8	21	27	\$10.79	\$ 24.09	\$22.90					\$27.16
5446	08/15/13	8	22	27	\$9.14	\$ 24.09	\$22.90					\$23.01
5447	08/15/13	8	23	26	\$8.41	\$ 22.95	\$21.75					\$21.17
5448	08/15/13	8	24	24	\$8.04	\$ 21.76	\$21.03					\$20.23
5449	08/16/13	8	1	23	\$7.02	\$ 21.48	\$20.59					\$17.67
5450	08/16/13	8	2	23	\$6.11	\$ 21.48	\$20.33					\$15.37
5451	08/16/13	8	3	23	\$5.44	\$ 21.48	\$20.33					\$13.70
5452	08/16/13	8	4	22	\$5.77	\$ 21.32	\$20.33					\$14.52
5453	08/16/13	8	5	22	\$6.48	\$ 21.32	\$20.19					\$16.32
5454	08/16/13	8	6	22	\$7.56	\$ 21.32	\$20.19					\$19.02
5455	08/16/13	8	7	23	\$8.54	\$ 21.48	\$20.33					\$21.50
5456	08/16/13	8	8	24	\$9.09	\$ 21.76	\$21.03					\$22.89
5457	08/16/13	8	9	25	\$9.96	\$ 22.23	\$21.03					\$25.06
5458	08/16/13	8	10	26	\$10.73	\$ 22.95	\$21.75					\$27.00
5459	08/16/13	8	11	27	\$11.58	\$ 24.09	\$22.90					\$29.14
5460	08/16/13	8	12	27	\$13.21	\$ 24.09	\$22.90					\$33.26
5461	08/16/13	8	13	27	\$13.31	\$ 24.09	\$22.90					\$33.51
5462	08/16/13	8	14	28	\$14.18	\$ 25.89	\$24.69					\$35.68
5463	08/16/13	8	15	29	\$14.35	\$ 28.65	\$27.35					\$36.13
5464	08/16/13	8	16	29	\$14.87	\$ 28.65	\$27.35					\$37.43
5465	08/16/13	8	17	29	\$14.56	\$ 28.65	\$27.35					\$36.66
5466	08/16/13	8	18	29	\$13.24	\$ 28.65	\$31.07					\$33.32
5467	08/16/13	8	19	29	\$11.86	\$ 28.65	\$27.35					\$29.84
5468	08/16/13	8	20	28	\$11.18	\$ 25.89	\$24.69					\$28.13
5469	08/16/13	8	21	29	\$10.83	\$ 28.65	\$27.35					\$27.26
5470	08/16/13	8	22	28	\$9.08	\$ 25.89	\$24.69					\$22.86
5471	08/16/13	8	23	26	\$7.77	\$ 22.95	\$22.90					\$19.56
5472	08/16/13	8	24	25	\$7.33	\$ 22.23	\$21.75					\$18.46
5473	08/17/13	8	1	24	\$6.97	\$ 21.76	\$21.03					\$17.54
5474	08/17/13	8	2	23	\$5.90	\$ 21.48	\$20.59					\$14.85
5475	08/17/13	8	3	23	\$5.42	\$ 21.48	\$20.33					\$13.63
5476	08/17/13	8	4	22	\$5.44	\$ 21.32	\$20.33					\$13.70
5477	08/17/13	8	5	22	\$5.36	\$ 21.32	\$20.33					\$13.50
5478	08/17/13	8	6	22	\$5.69	\$ 21.32	\$20.33					\$14.31
5479	08/17/13	8	7	23	\$7.12	\$ 21.48	\$20.33					\$17.93
5480	08/17/13	8	8	23	\$7.43	\$ 21.48	\$20.59					\$18.71
5481	08/17/13	8	9	24	\$7.88	\$ 21.76	\$21.03					\$19.84
5482	08/17/13	8	10	25	\$8.54	\$ 22.23	\$21.03					\$21.49
5483	08/17/13	8	11	26	\$8.69	\$ 22.95	\$22.90					\$21.88
5484	08/17/13	8	12	26	\$9.70	\$ 22.95	\$22.90					\$24.41
5485	08/17/13	8	13	27	\$9.79	\$ 24.09	\$24.69					\$24.65
5486	08/17/13	8	14	28	\$10.00	\$ 25.89	\$24.69					\$25.18
5487	08/17/13	8	15	28	\$10.55	\$ 25.89	\$27.35					\$26.55
5488	08/17/13	8	16	28	\$11.06	\$ 25.89	\$27.35					\$27.84

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5489	08/17/13	8	17	29	\$11.76	\$ 28.65	\$31.07					\$29.59
5490	08/17/13	8	18	28	\$11.72	\$ 25.89	\$27.35					\$29.51
5491	08/17/13	8	19	28	\$11.06	\$ 25.89	\$27.35					\$27.84
5492	08/17/13	8	20	28	\$9.58	\$ 25.89	\$24.69					\$24.11
5493	08/17/13	8	21	28	\$8.89	\$ 25.89	\$24.69					\$22.37
5494	08/17/13	8	22	27	\$7.85	\$ 24.09	\$24.69					\$19.75
5495	08/17/13	8	23	26	\$7.26	\$ 22.95	\$22.90					\$18.28
5496	08/17/13	8	24	25	\$6.55	\$ 22.23	\$21.03					\$16.49
5497	08/18/13	8	1	23	\$5.02	\$ 21.48	\$20.59					\$12.63
5498	08/18/13	8	2	23	\$4.08	\$ 21.48	\$20.33					\$10.27
5499	08/18/13	8	3	22	\$3.02	\$ 21.32	\$20.33					\$7.59
5500	08/18/13	8	4	22	\$2.71	\$ 21.32	\$20.33					\$6.82
5501	08/18/13	8	5	22	\$2.85	\$ 21.32	\$20.19					\$7.18
5502	08/18/13	8	6	22	\$3.11	\$ 21.32	\$20.19					\$7.83
5503	08/18/13	8	7	21	\$4.67	\$ 21.25	\$20.19					\$11.75
5504	08/18/13	8	8	21	\$5.34	\$ 21.25	\$20.19					\$13.44
5505	08/18/13	8	9	22	\$6.63	\$ 21.32	\$20.33					\$16.69
5506	08/18/13	8	10	23	\$7.60	\$ 21.48	\$20.59					\$19.12
5507	08/18/13	8	11	24	\$7.72	\$ 21.76	\$21.03					\$19.42
5508	08/18/13	8	12	25	\$8.15	\$ 22.23	\$21.75					\$20.52
5509	08/18/13	8	13	26	\$8.60	\$ 22.95	\$21.75					\$21.65
5510	08/18/13	8	14	26	\$8.98	\$ 22.95	\$22.90					\$22.61
5511	08/18/13	8	15	27	\$9.86	\$ 24.09	\$24.69					\$24.83
5512	08/18/13	8	16	27	\$11.64	\$ 24.09	\$24.69					\$29.31
5513	08/18/13	8	17	29	\$12.81	\$ 28.65	\$27.35					\$32.24
5514	08/18/13	8	18	29	\$12.87	\$ 28.65	\$31.07					\$32.40
5515	08/18/13	8	19	29	\$12.15	\$ 28.65	\$27.35					\$30.58
5516	08/18/13	8	20	27	\$12.26	\$ 24.09	\$24.69					\$30.87
5517	08/18/13	8	21	27	\$11.41	\$ 24.09	\$24.69					\$28.72
5518	08/18/13	8	22	26	\$8.39	\$ 22.95	\$22.90					\$21.13
5519	08/18/13	8	23	25	\$7.89	\$ 22.23	\$21.03					\$19.85
5520	08/18/13	8	24	23	\$7.37	\$ 21.48	\$20.59					\$18.55
5521	08/19/13	8	1	22	\$5.02	\$ 21.32	\$20.33					\$12.64
5522	08/19/13	8	2	21	\$5.05	\$ 21.25	\$20.19					\$12.70
5523	08/19/13	8	3	21	\$4.19	\$ 21.25	\$20.19					\$10.54
5524	08/19/13	8	4	21	\$4.21	\$ 21.25	\$20.13					\$10.60
5525	08/19/13	8	5	21	\$5.09	\$ 21.25	\$20.13					\$12.81
5526	08/19/13	8	6	22	\$6.50	\$ 21.32	\$20.33					\$16.35
5527	08/19/13	8	7	24	\$7.33	\$ 21.76	\$20.59					\$18.45
5528	08/19/13	8	8	25	\$8.20	\$ 22.23	\$21.03					\$20.63
5529	08/19/13	8	9	26	\$8.86	\$ 22.95	\$21.75					\$22.30
5530	08/19/13	8	10	27	\$10.57	\$ 24.09	\$22.90					\$26.61
5531	08/19/13	8	11	28	\$12.24	\$ 25.89	\$24.69					\$30.82
5532	08/19/13	8	12	29	\$14.23	\$ 28.65	\$27.35					\$35.82
5533	08/19/13	8	13	30	\$15.03	\$ 32.53	\$31.07					\$37.84
5534	08/19/13	8	14	31	\$15.46	\$ 38.08	\$43.07					\$38.91
5535	08/19/13	8	15	32	\$16.38	\$ 45.72	\$43.07					\$41.23
5536	08/19/13	8	16	32	\$17.31	\$ 45.72	\$51.98					\$43.57
5537	08/19/13	8	17	32	\$18.21	\$ 45.72	\$43.07					\$45.83
5538	08/19/13	8	18	32	\$16.47	\$ 45.72	\$51.98					\$41.45
5539	08/19/13	8	19	32	\$15.06	\$ 45.72	\$43.07					\$37.90
5540	08/19/13	8	20	31	\$15.05	\$ 38.08	\$36.21					\$37.87
5541	08/19/13	8	21	29	\$13.80	\$ 28.65	\$27.35					\$34.73
5542	08/19/13	8	22	28	\$11.18	\$ 25.89	\$24.69					\$28.15
5543	08/19/13	8	23	26	\$8.28	\$ 22.95	\$21.75					\$20.83
5544	08/19/13	8	24	24	\$7.78	\$ 21.76	\$20.59					\$19.59

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5545	08/20/13	8	1	22	\$4.77	\$ 21.32	\$20.33					\$12.00
5546	08/20/13	8	2	21	\$4.31	\$ 21.25	\$20.19					\$10.85
5547	08/20/13	8	3	21	\$3.71	\$ 21.25	\$20.13					\$9.33
5548	08/20/13	8	4	20	\$3.58	\$ 21.22	\$20.13					\$9.02
5549	08/20/13	8	5	20	\$4.11	\$ 21.22	\$20.13					\$10.34
5550	08/20/13	8	6	21	\$5.34	\$ 21.25	\$20.19					\$13.43
5551	08/20/13	8	7	23	\$7.00	\$ 21.48	\$20.33					\$17.61
5552	08/20/13	8	8	24	\$8.27	\$ 21.76	\$20.59					\$20.81
5553	08/20/13	8	9	23	\$9.58	\$ 21.48	\$20.59					\$24.11
5554	08/20/13	8	10	25	\$11.05	\$ 22.23	\$21.03					\$27.82
5555	08/20/13	8	11	26	\$12.88	\$ 22.95	\$22.90					\$32.42
5556	08/20/13	8	12	28	\$14.20	\$ 25.89	\$24.69					\$35.73
5557	08/20/13	8	13	30	\$14.93	\$ 32.53	\$31.07					\$37.57
5558	08/20/13	8	14	31	\$17.39	\$ 38.08	\$43.07					\$43.76
5559	08/20/13	8	15	32	\$19.23	\$ 45.72	\$43.07					\$48.40
5560	08/20/13	8	16	32	\$21.17	\$ 45.72	\$51.98					\$53.28
5561	08/20/13	8	17	33	\$20.79	\$ 56.49	\$51.98					\$52.32
5562	08/20/13	8	18	33	\$19.89	\$ 56.49	\$51.98					\$50.06
5563	08/20/13	8	19	32	\$17.02	\$ 45.72	\$43.07					\$42.85
5564	08/20/13	8	20	31	\$15.14	\$ 38.08	\$43.07					\$38.10
5565	08/20/13	8	21	31	\$13.50	\$ 38.08	\$43.07					\$33.99
5566	08/20/13	8	22	29	\$11.35	\$ 28.65	\$31.07					\$28.58
5567	08/20/13	8	23	27	\$7.26	\$ 24.09	\$24.69					\$18.28
5568	08/20/13	8	24	25	\$6.50	\$ 22.23	\$21.75					\$16.35
5569	08/21/13	8	1	24	\$4.46	\$ 21.76	\$21.03					\$11.22
5570	08/21/13	8	2	23	\$3.79	\$ 21.48	\$20.59					\$9.53
5571	08/21/13	8	3	22	\$3.25	\$ 21.32	\$20.33					\$8.19
5572	08/21/13	8	4	22	\$3.42	\$ 21.32	\$20.33					\$8.61
5573	08/21/13	8	5	22	\$3.66	\$ 21.32	\$20.33					\$9.20
5574	08/21/13	8	6	24	\$5.38	\$ 21.76	\$21.03					\$13.53
5575	08/21/13	8	7	26	\$7.72	\$ 22.95	\$21.75					\$19.44
5576	08/21/13	8	8	27	\$8.96	\$ 24.09	\$22.90					\$22.55
5577	08/21/13	8	9	28	\$9.44	\$ 25.89	\$27.35					\$23.77
5578	08/21/13	8	10	30	\$13.13	\$ 32.53	\$31.07					\$33.06
5579	08/21/13	8	11	31	\$14.25	\$ 38.08	\$36.21					\$35.87
5580	08/21/13	8	12	32	\$15.91	\$ 45.72	\$51.98					\$40.04
5581	08/21/13	8	13	33	\$17.71	\$ 56.49	\$51.98					\$44.57
5582	08/21/13	8	14	34	\$19.66	\$ 72.00	\$64.21					\$49.48
5583	08/21/13	8	15	35	\$20.62	\$ 93.21	\$81.20					\$51.91
5584	08/21/13	8	16	35	\$23.37	\$ 93.21	\$105.08					\$58.82
5585	08/21/13	8	17	35	\$22.64	\$ 93.21	\$81.20					\$56.99
5586	08/21/13	8	18	34	\$21.05	\$ 72.00	\$81.20					\$52.99
5587	08/21/13	8	19	34	\$18.70	\$ 72.00	\$81.20					\$47.08
5588	08/21/13	8	20	33	\$17.70	\$ 56.49	\$64.21					\$44.56
5589	08/21/13	8	21	34	\$17.25	\$ 72.00	\$64.21					\$43.43
5590	08/21/13	8	22	33	\$13.69	\$ 56.49	\$51.98					\$34.45
5591	08/21/13	8	23	30	\$9.61	\$ 32.53	\$36.21					\$24.20
5592	08/21/13	8	24	28	\$8.08	\$ 25.89	\$27.35					\$20.33
5593	08/22/13	8	1	26	\$7.59	\$ 22.95	\$22.90					\$19.11
5594	08/22/13	8	2	25	\$6.99	\$ 22.23	\$21.75					\$17.59
5595	08/22/13	8	3	25	\$6.67	\$ 22.23	\$21.03					\$16.80
5596	08/22/13	8	4	24	\$6.37	\$ 21.76	\$21.03					\$16.03
5597	08/22/13	8	5	25	\$6.25	\$ 22.23	\$21.75					\$15.73
5598	08/22/13	8	6	27	\$7.37	\$ 24.09	\$22.90					\$18.56
5599	08/22/13	8	7	28	\$8.29	\$ 25.89	\$27.35					\$20.86
5600	08/22/13	8	8	30	\$9.54	\$ 32.53	\$31.07					\$24.02

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5601	08/22/13	8	9	30	\$11.29	\$ 32.53	\$31.07					\$28.41
5602	08/22/13	8	10	30	\$12.35	\$ 32.53	\$31.07					\$31.09
5603	08/22/13	8	11	30	\$13.54	\$ 32.53	\$31.07					\$34.08
5604	08/22/13	8	12	31	\$15.13	\$ 38.08	\$36.21					\$38.08
5605	08/22/13	8	13	31	\$17.29	\$ 38.08	\$36.21					\$43.51
5606	08/22/13	8	14	32	\$19.21	\$ 45.72	\$51.98					\$48.35
5607	08/22/13	8	15	33	\$20.37	\$ 56.49	\$51.98					\$51.27
5608	08/22/13	8	16	33	\$22.36	\$ 56.49	\$51.98					\$56.28
5609	08/22/13	8	17	33	\$21.79	\$ 56.49	\$51.98					\$54.84
5610	08/22/13	8	18	33	\$18.90	\$ 56.49	\$51.98					\$47.57
5611	08/22/13	8	19	33	\$16.27	\$ 56.49	\$51.98					\$40.95
5612	08/22/13	8	20	32	\$16.56	\$ 45.72	\$43.07					\$41.68
5613	08/22/13	8	21	32	\$15.69	\$ 45.72	\$51.98					\$39.50
5614	08/22/13	8	22	32	\$12.42	\$ 45.72	\$43.07					\$31.25
5615	08/22/13	8	23	30	\$7.89	\$ 32.53	\$31.07					\$19.86
5616	08/22/13	8	24	28	\$7.77	\$ 25.89	\$24.69					\$19.56
5617	08/23/13	8	1	26	\$7.29	\$ 22.95	\$22.90					\$18.34
5618	08/23/13	8	2	25	\$7.05	\$ 22.23	\$21.75					\$17.75
5619	08/23/13	8	3	25	\$6.71	\$ 22.23	\$21.03					\$16.90
5620	08/23/13	8	4	25	\$6.61	\$ 22.23	\$21.03					\$16.63
5621	08/23/13	8	5	25	\$6.62	\$ 22.23	\$21.03					\$16.66
5622	08/23/13	8	6	26	\$6.96	\$ 22.95	\$21.75					\$17.51
5623	08/23/13	8	7	27	\$7.97	\$ 24.09	\$22.90					\$20.06
5624	08/23/13	8	8	28	\$8.95	\$ 25.89	\$24.69					\$22.52
5625	08/23/13	8	9	29	\$10.31	\$ 28.65	\$27.35					\$25.95
5626	08/23/13	8	10	30	\$11.61	\$ 32.53	\$31.07					\$29.22
5627	08/23/13	8	11	31	\$12.41	\$ 38.08	\$36.21					\$31.23
5628	08/23/13	8	12	32	\$13.95	\$ 45.72	\$43.07					\$35.11
5629	08/23/13	8	13	33	\$14.46	\$ 56.49	\$51.98					\$36.39
5630	08/23/13	8	14	33	\$14.49	\$ 56.49	\$64.21					\$36.46
5631	08/23/13	8	15	34	\$14.71	\$ 72.00	\$81.20					\$37.03
5632	08/23/13	8	16	34	\$15.31	\$ 72.00	\$81.20					\$38.53
5633	08/23/13	8	17	35	\$14.21	\$ 93.21	\$81.20					\$35.77
5634	08/23/13	8	18	35	\$12.56	\$ 93.21	\$81.20					\$31.61
5635	08/23/13	8	19	34	\$11.03	\$ 72.00	\$81.20					\$27.77
5636	08/23/13	8	20	33	\$10.57	\$ 56.49	\$64.21					\$26.60
5637	08/23/13	8	21	32	\$9.42	\$ 45.72	\$51.98					\$23.72
5638	08/23/13	8	22	31	\$7.89	\$ 38.08	\$43.07					\$19.87
5639	08/23/13	8	23	30	\$5.74	\$ 32.53	\$36.21					\$14.44
5640	08/23/13	8	24	28	\$5.09	\$ 25.89	\$27.35					\$12.80
5641	08/24/13	8	1	27	\$3.79	\$ 24.09	\$24.69					\$9.54
5642	08/24/13	8	2	26	\$2.73	\$ 22.95	\$22.90					\$6.86
5643	08/24/13	8	3	25	\$1.48	\$ 22.23	\$21.75					\$3.73
5644	08/24/13	8	4	25	\$1.22	\$ 22.23	\$21.75					\$3.07
5645	08/24/13	8	5	25	\$1.26	\$ 22.23	\$21.03					\$3.17
5646	08/24/13	8	6	25	\$2.40	\$ 22.23	\$21.75					\$6.04
5647	08/24/13	8	7	25	\$4.49	\$ 22.23	\$21.75					\$11.29
5648	08/24/13	8	8	25	\$5.60	\$ 22.23	\$21.75					\$14.10
5649	08/24/13	8	9	26	\$6.60	\$ 22.95	\$22.90					\$16.61
5650	08/24/13	8	10	28	\$7.03	\$ 25.89	\$27.35					\$17.69
5651	08/24/13	8	11	30	\$7.10	\$ 32.53	\$31.07					\$17.88
5652	08/24/13	8	12	31	\$7.37	\$ 38.08	\$43.07					\$18.54
5653	08/24/13	8	13	32	\$7.73	\$ 45.72	\$51.98					\$19.45
5654	08/24/13	8	14	33	\$8.24	\$ 56.49	\$51.98					\$20.75
5655	08/24/13	8	15	33	\$8.64	\$ 56.49	\$64.21					\$21.75
5656	08/24/13	8	16	34	\$8.79	\$ 72.00	\$81.20					\$22.12

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5657	08/24/13	8	17	34	\$8.63	\$ 72.00	\$81.20					\$21.73
5658	08/24/13	8	18	34	\$8.74	\$ 72.00	\$81.20					\$22.00
5659	08/24/13	8	19	33	\$8.36	\$ 56.49	\$81.20					\$21.04
5660	08/24/13	8	20	33	\$7.84	\$ 56.49	\$64.21					\$19.73
5661	08/24/13	8	21	33	\$7.62	\$ 56.49	\$64.21					\$19.19
5662	08/24/13	8	22	32	\$7.26	\$ 45.72	\$51.98					\$18.27
5663	08/24/13	8	23	30	\$5.25	\$ 32.53	\$36.21					\$13.21
5664	08/24/13	8	24	29	\$4.17	\$ 28.65	\$31.07					\$10.50
5665	08/25/13	8	1	27	\$2.63	\$ 24.09	\$24.69					\$6.62
5666	08/25/13	8	2	26	\$1.95	\$ 22.95	\$22.90					\$4.91
5667	08/25/13	8	3	26	\$1.11	\$ 22.95	\$22.90					\$2.80
5668	08/25/13	8	4	25	\$0.63	\$ 22.23	\$21.75					\$1.59
5669	08/25/13	8	5	25	\$0.85	\$ 22.23	\$21.75					\$2.13
5670	08/25/13	8	6	24	\$1.32	\$ 21.76	\$21.03					\$3.32
5671	08/25/13	8	7	24	\$3.53	\$ 21.76	\$21.03					\$8.88
5672	08/25/13	8	8	25	\$5.20	\$ 22.23	\$21.75					\$13.09
5673	08/25/13	8	9	26	\$6.30	\$ 22.95	\$22.90					\$15.87
5674	08/25/13	8	10	28	\$7.41	\$ 25.89	\$27.35					\$18.65
5675	08/25/13	8	11	29	\$7.35	\$ 28.65	\$31.07					\$18.49
5676	08/25/13	8	12	31	\$8.15	\$ 38.08	\$43.07					\$20.52
5677	08/25/13	8	13	32	\$9.20	\$ 45.72	\$51.98					\$23.16
5678	08/25/13	8	14	33	\$10.15	\$ 56.49	\$64.21					\$25.54
5679	08/25/13	8	15	33	\$10.90	\$ 56.49	\$64.21					\$27.43
5680	08/25/13	8	16	34	\$11.64	\$ 72.00	\$81.20					\$29.30
5681	08/25/13	8	17	35	\$12.63	\$ 93.21	\$105.08					\$31.80
5682	08/25/13	8	18	35	\$12.69	\$ 93.21	\$105.08					\$31.95
5683	08/25/13	8	19	35	\$12.24	\$ 93.21	\$105.08					\$30.82
5684	08/25/13	8	20	34	\$11.81	\$ 72.00	\$81.20					\$29.73
5685	08/25/13	8	21	33	\$11.67	\$ 56.49	\$64.21					\$29.38
5686	08/25/13	8	22	32	\$9.84	\$ 45.72	\$51.98					\$24.78
5687	08/25/13	8	23	30	\$7.37	\$ 32.53	\$36.21					\$18.55
5688	08/25/13	8	24	29	\$6.85	\$ 28.65	\$31.07					\$17.24
5689	08/26/13	8	1	27	\$6.53	\$ 24.09	\$24.69					\$16.44
5690	08/26/13	8	2	26	\$6.32	\$ 22.95	\$22.90					\$15.90
5691	08/26/13	8	3	25	\$6.01	\$ 22.23	\$21.75					\$15.13
5692	08/26/13	8	4	25	\$5.84	\$ 22.23	\$21.75					\$14.71
5693	08/26/13	8	5	25	\$6.21	\$ 22.23	\$21.03					\$15.63
5694	08/26/13	8	6	26	\$6.62	\$ 22.95	\$21.75					\$16.67
5695	08/26/13	8	7	27	\$7.64	\$ 24.09	\$24.69					\$19.24
5696	08/26/13	8	8	29	\$9.66	\$ 28.65	\$31.07					\$24.31
5697	08/26/13	8	9	30	\$10.36	\$ 32.53	\$36.21					\$26.08
5698	08/26/13	8	10	32	\$13.29	\$ 45.72	\$43.07					\$33.44
5699	08/26/13	8	11	33	\$14.90	\$ 56.49	\$64.21					\$37.50
5700	08/26/13	8	12	35	\$16.16	\$ 93.21	\$81.20					\$40.67
5701	08/26/13	8	13	36	\$17.93	\$ 121.32	\$105.08					\$45.13
5702	08/26/13	8	14	37	\$19.73	\$ 156.65	\$135.96					\$49.67
5703	08/26/13	8	15	38	\$21.52	\$ 208.06	\$176.47					\$54.16
5704	08/26/13	8	16	38	\$23.52	\$ 208.06	\$234.60					\$59.20
5705	08/26/13	8	17	39	\$21.63	\$ 283.42	\$234.60					\$54.45
5706	08/26/13	8	18	39	\$19.44	\$ 283.42	\$341.50					\$48.94
5707	08/26/13	8	19	39	\$17.59	\$ 283.42	\$341.50					\$44.27
5708	08/26/13	8	20	38	\$16.90	\$ 208.06	\$234.60					\$42.53
5709	08/26/13	8	21	38	\$16.28	\$ 208.06	\$234.60					\$40.97
5710	08/26/13	8	22	36	\$11.62	\$ 121.32	\$135.96					\$29.26
5711	08/26/13	8	23	34	\$8.59	\$ 72.00	\$81.20					\$21.61
5712	08/26/13	8	24	32	\$7.28	\$ 45.72	\$51.98					\$18.33

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5713	08/27/13	8	1	30	\$5.56	\$ 32.53	\$36.21					\$13.99
5714	08/27/13	8	2	29	\$5.80	\$ 28.65	\$31.07					\$14.59
5715	08/27/13	8	3	28	\$5.65	\$ 25.89	\$27.35					\$14.23
5716	08/27/13	8	4	28	\$4.98	\$ 25.89	\$24.69					\$12.54
5717	08/27/13	8	5	28	\$5.15	\$ 25.89	\$24.69					\$12.96
5718	08/27/13	8	6	29	\$5.03	\$ 28.65	\$27.35					\$12.67
5719	08/27/13	8	7	30	\$6.26	\$ 32.53	\$31.07					\$15.76
5720	08/27/13	8	8	31	\$9.15	\$ 38.08	\$36.21					\$23.02
5721	08/27/13	8	9	32	\$10.22	\$ 45.72	\$43.07					\$25.73
5722	08/27/13	8	10	34	\$13.09	\$ 72.00	\$64.21					\$32.96
5723	08/27/13	8	11	36	\$16.33	\$ 121.32	\$105.08					\$41.10
5724	08/27/13	8	12	37	\$18.64	\$ 156.65	\$176.47					\$46.91
5725	08/27/13	8	13	38	\$19.95	\$ 208.06	\$234.60					\$50.21
5726	08/27/13	8	14	39	\$23.30	\$ 283.42	\$234.60					\$58.66
5727	08/27/13	8	15	39	\$27.04	\$ 283.42	\$341.50					\$68.05
5728	08/27/13	8	16	39	\$28.47	\$ 283.42	\$341.50					\$71.66
5729	08/27/13	8	17	40	\$27.11	\$ 454.88	\$601.34					\$68.23
5730	08/27/13	8	18	39	\$21.78	\$ 283.42	\$341.50					\$54.83
5731	08/27/13	8	19	39	\$20.00	\$ 283.42	\$341.50					\$50.33
5732	08/27/13	8	20	39	\$20.55	\$ 283.42	\$341.50					\$51.73
5733	08/27/13	8	21	39	\$19.03	\$ 283.42	\$234.60					\$47.91
5734	08/27/13	8	22	37	\$14.15	\$ 156.65	\$135.96					\$35.61
5735	08/27/13	8	23	33	\$12.43	\$ 56.49	\$64.21					\$31.28
5736	08/27/13	8	24	31	\$10.74	\$ 38.08	\$43.07					\$27.03
5737	08/28/13	8	1	31	\$8.48	\$ 38.08	\$36.21					\$21.34
5738	08/28/13	8	2	30	\$8.13	\$ 32.53	\$31.07					\$20.47
5739	08/28/13	8	3	28	\$8.25	\$ 25.89	\$27.35					\$20.77
5740	08/28/13	8	4	28	\$7.91	\$ 25.89	\$27.35					\$19.90
5741	08/28/13	8	5	28	\$7.99	\$ 25.89	\$27.35					\$20.10
5742	08/28/13	8	6	29	\$8.16	\$ 28.65	\$27.35					\$20.55
5743	08/28/13	8	7	30	\$9.68	\$ 32.53	\$31.07					\$24.37
5744	08/28/13	8	8	31	\$10.75	\$ 38.08	\$36.21					\$27.07
5745	08/28/13	8	9	32	\$11.17	\$ 45.72	\$51.98					\$28.11
5746	08/28/13	8	10	34	\$12.36	\$ 72.00	\$64.21					\$31.11
5747	08/28/13	8	11	36	\$14.97	\$ 121.32	\$105.08					\$37.68
5748	08/28/13	8	12	37	\$16.21	\$ 156.65	\$135.96					\$40.81
5749	08/28/13	8	13	38	\$17.17	\$ 208.06	\$176.47					\$43.23
5750	08/28/13	8	14	39	\$19.87	\$ 283.42	\$234.60					\$50.02
5751	08/28/13	8	15	40	\$23.21	\$ 454.88	\$341.50					\$58.43
5752	08/28/13	8	16	40	\$26.82	\$ 454.88	\$601.34					\$67.51
5753	08/28/13	8	17	41	\$26.19	\$ 1,009.92	\$601.34					\$65.92
5754	08/28/13	8	18	40	\$21.12	\$ 454.88	\$601.34					\$53.16
5755	08/28/13	8	19	40	\$18.64	\$ 454.88	\$341.50					\$46.91
5756	08/28/13	8	20	39	\$16.68	\$ 283.42	\$234.60					\$41.99
5757	08/28/13	8	21	38	\$15.40	\$ 208.06	\$234.60					\$38.76
5758	08/28/13	8	22	36	\$11.35	\$ 121.32	\$135.96					\$28.57
5759	08/28/13	8	23	34	\$11.17	\$ 72.00	\$81.20					\$28.12
5760	08/28/13	8	24	32	\$9.16	\$ 45.72	\$51.98					\$23.06
5761	08/29/13	8	1	30	\$8.56	\$ 32.53	\$36.21					\$21.55
5762	08/29/13	8	2	29	\$8.15	\$ 28.65	\$27.35					\$20.52
5763	08/29/13	8	3	28	\$7.91	\$ 25.89	\$27.35					\$19.90
5764	08/29/13	8	4	28	\$7.81	\$ 25.89	\$24.69					\$19.66
5765	08/29/13	8	5	27	\$8.01	\$ 24.09	\$24.69					\$20.17
5766	08/29/13	8	6	28	\$8.44	\$ 25.89	\$27.35					\$21.24
5767	08/29/13	8	7	30	\$8.24	\$ 32.53	\$31.07					\$20.74
5768	08/29/13	8	8	31	\$9.58	\$ 38.08	\$36.21					\$24.11

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5769	08/29/13	8	9	32	\$11.55	\$ 45.72	\$43.07					\$29.06
5770	08/29/13	8	10	34	\$13.70	\$ 72.00	\$64.21					\$34.48
5771	08/29/13	8	11	36	\$16.15	\$ 121.32	\$105.08					\$40.65
5772	08/29/13	8	12	37	\$17.70	\$ 156.65	\$135.96					\$44.56
5773	08/29/13	8	13	39	\$18.12	\$ 283.42	\$234.60					\$45.62
5774	08/29/13	8	14	40	\$21.22	\$ 454.88	\$341.50					\$53.40
5775	08/29/13	8	15	40	\$22.55	\$ 454.88	\$601.34					\$56.75
5776	08/29/13	8	16	41	\$25.23	\$ 1,009.92	\$601.34					\$63.50
5777	08/29/13	8	17	41	\$22.87	\$ 1,009.92	\$1,634.17					\$57.57
5778	08/29/13	8	18	41	\$18.84	\$ 1,009.92	\$1,634.17					\$47.43
5779	08/29/13	8	19	40	\$16.48	\$ 454.88	\$341.50					\$41.49
5780	08/29/13	8	20	39	\$16.90	\$ 283.42	\$341.50					\$42.54
5781	08/29/13	8	21	39	\$16.58	\$ 283.42	\$234.60					\$41.73
5782	08/29/13	8	22	37	\$12.86	\$ 156.65	\$176.47					\$32.38
5783	08/29/13	8	23	35	\$10.49	\$ 93.21	\$105.08					\$26.40
5784	08/29/13	8	24	33	\$8.96	\$ 56.49	\$64.21					\$22.55
5785	08/30/13	8	1	31	\$7.79	\$ 38.08	\$43.07					\$19.60
5786	08/30/13	8	2	30	\$7.77	\$ 32.53	\$36.21					\$19.56
5787	08/30/13	8	3	29	\$7.47	\$ 28.65	\$31.07					\$18.81
5788	08/30/13	8	4	28	\$7.48	\$ 25.89	\$27.35					\$18.83
5789	08/30/13	8	5	28	\$7.33	\$ 25.89	\$27.35					\$18.45
5790	08/30/13	8	6	29	\$7.91	\$ 28.65	\$27.35					\$19.91
5791	08/30/13	8	7	30	\$8.48	\$ 32.53	\$36.21					\$21.34
5792	08/30/13	8	8	32	\$9.70	\$ 45.72	\$43.07					\$24.41
5793	08/30/13	8	9	33	\$12.88	\$ 56.49	\$51.98					\$32.42
5794	08/30/13	8	10	34	\$16.62	\$ 72.00	\$81.20					\$41.83
5795	08/30/13	8	11	36	\$18.78	\$ 121.32	\$135.96					\$47.28
5796	08/30/13	8	12	39	\$20.42	\$ 283.42	\$234.60					\$51.40
5797	08/30/13	8	13	40	\$21.87	\$ 454.88	\$341.50					\$55.05
5798	08/30/13	8	14	41	\$25.58	\$ 1,009.92	\$601.34					\$64.38
5799	08/30/13	8	15	41	\$28.00	\$ 1,009.92	\$1,634.17					\$70.47
5800	08/30/13	8	16	41	\$29.87	\$ 1,009.92	\$1,634.17					\$75.19
5801	08/30/13	8	17	41	\$28.39	\$ 1,009.92	\$601.34					\$71.45
5802	08/30/13	8	18	40	\$24.06	\$ 454.88	\$601.34					\$60.56
5803	08/30/13	8	19	39	\$20.42	\$ 283.42	\$234.60					\$51.41
5804	08/30/13	8	20	38	\$20.08	\$ 208.06	\$176.47					\$50.55
5805	08/30/13	8	21	37	\$18.88	\$ 156.65	\$176.47					\$47.53
5806	08/30/13	8	22	35	\$14.54	\$ 93.21	\$105.08					\$36.60
5807	08/30/13	8	23	34	\$11.89	\$ 72.00	\$64.21					\$29.93
5808	08/30/13	8	24	32	\$10.44	\$ 45.72	\$51.98					\$26.28
5809	08/31/13	8	1	30	\$9.33	\$ 32.53	\$36.21					\$23.48
5810	08/31/13	8	2	29	\$8.13	\$ 28.65	\$31.07					\$20.47
5811	08/31/13	8	3	28	\$7.82	\$ 25.89	\$27.35					\$19.68
5812	08/31/13	8	4	27	\$7.49	\$ 24.09	\$24.69					\$18.85
5813	08/31/13	8	5	26	\$7.50	\$ 22.95	\$22.90					\$18.89
5814	08/31/13	8	6	26	\$7.73	\$ 22.95	\$22.90					\$19.46
5815	08/31/13	8	7	26	\$7.98	\$ 22.95	\$22.90					\$20.09
5816	08/31/13	8	8	26	\$9.52	\$ 22.95	\$22.90					\$23.96
5817	08/31/13	8	9	27	\$12.16	\$ 24.09	\$24.69					\$30.60
5818	08/31/13	8	10	29	\$13.77	\$ 28.65	\$31.07					\$34.66
5819	08/31/13	8	11	30	\$16.08	\$ 32.53	\$36.21					\$40.48
5820	08/31/13	8	12	31	\$17.82	\$ 38.08	\$43.07					\$44.85
5821	08/31/13	8	13	32	\$17.20	\$ 45.72	\$51.98					\$43.29
5822	08/31/13	8	14	33	\$20.16	\$ 56.49	\$64.21					\$50.75
5823	08/31/13	8	15	33	\$20.85	\$ 56.49	\$81.20					\$52.49
5824	08/31/13	8	16	34	\$23.04	\$ 72.00	\$81.20					\$57.99

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5825	08/31/13	8	17	34	\$21.64	\$ 72.00	\$105.08					\$54.48
5826	08/31/13	8	18	35	\$19.32	\$ 93.21	\$105.08					\$48.63
5827	08/31/13	8	19	33	\$17.19	\$ 56.49	\$81.20					\$43.26
5828	08/31/13	8	20	33	\$17.00	\$ 56.49	\$64.21					\$42.79
5829	08/31/13	8	21	32	\$15.30	\$ 45.72	\$64.21					\$38.51
5830	08/31/13	8	22	31	\$11.59	\$ 38.08	\$43.07					\$29.18
5831	08/31/13	8	23	30	\$9.59	\$ 32.53	\$36.21					\$24.15
5832	08/31/13	8	24	28	\$8.37	\$ 25.89	\$27.35					\$21.08
5833	09/01/13	9	1	27	\$7.60	\$ 24.09	\$24.69					\$19.13
5834	09/01/13	9	2	26	\$6.89	\$ 22.95	\$24.69					\$17.34
5835	09/01/13	9	3	25	\$6.18	\$ 22.23	\$21.75					\$15.55
5836	09/01/13	9	4	25	\$5.69	\$ 22.23	\$21.75					\$14.31
5837	09/01/13	9	5	24	\$5.65	\$ 21.76	\$21.03					\$14.22
5838	09/01/13	9	6	24	\$5.84	\$ 21.76	\$21.03					\$14.69
5839	09/01/13	9	7	24	\$5.67	\$ 21.76	\$20.59					\$14.28
5840	09/01/13	9	8	23	\$5.98	\$ 21.48	\$20.59					\$15.05
5841	09/01/13	9	9	24	\$6.97	\$ 21.76	\$21.03					\$17.55
5842	09/01/13	9	10	26	\$7.06	\$ 22.95	\$22.90					\$17.76
5843	09/01/13	9	11	27	\$7.20	\$ 24.09	\$24.69					\$18.12
5844	09/01/13	9	12	28	\$7.82	\$ 25.89	\$27.35					\$19.68
5845	09/01/13	9	13	30	\$7.95	\$ 32.53	\$31.07					\$20.01
5846	09/01/13	9	14	30	\$8.20	\$ 32.53	\$36.21					\$20.65
5847	09/01/13	9	15	30	\$8.45	\$ 32.53	\$36.21					\$21.28
5848	09/01/13	9	16	30	\$8.92	\$ 32.53	\$36.21					\$22.45
5849	09/01/13	9	17	30	\$9.59	\$ 32.53	\$36.21					\$24.14
5850	09/01/13	9	18	30	\$9.57	\$ 32.53	\$36.21					\$24.08
5851	09/01/13	9	19	29	\$9.44	\$ 28.65	\$31.07					\$23.76
5852	09/01/13	9	20	28	\$8.86	\$ 25.89	\$27.35					\$22.31
5853	09/01/13	9	21	28	\$8.51	\$ 25.89	\$24.69					\$21.41
5854	09/01/13	9	22	26	\$8.41	\$ 22.95	\$22.90					\$21.17
5855	09/01/13	9	23	25	\$7.76	\$ 22.23	\$21.75					\$19.54
5856	09/01/13	9	24	24	\$7.65	\$ 21.76	\$21.03					\$19.25
5857	09/02/13	9	1	23	\$7.07	\$ 21.48	\$20.59					\$17.80
5858	09/02/13	9	2	22	\$6.63	\$ 21.32	\$20.33					\$16.68
5859	09/02/13	9	3	22	\$6.19	\$ 21.32	\$20.19					\$15.58
5860	09/02/13	9	4	21	\$5.95	\$ 21.25	\$20.19					\$14.98
5861	09/02/13	9	5	21	\$6.00	\$ 21.25	\$20.13					\$15.11
5862	09/02/13	9	6	21	\$6.28	\$ 21.25	\$20.13					\$15.81
5863	09/02/13	9	7	21	\$5.68	\$ 21.25	\$20.13					\$14.30
5864	09/02/13	9	8	21	\$6.70	\$ 21.25	\$20.13					\$16.86
5865	09/02/13	9	9	22	\$7.68	\$ 21.32	\$20.19					\$19.34
5866	09/02/13	9	10	23	\$8.22	\$ 21.48	\$20.59					\$20.70
5867	09/02/13	9	11	24	\$8.39	\$ 21.76	\$20.59					\$21.13
5868	09/02/13	9	12	25	\$8.99	\$ 22.23	\$21.03					\$22.64
5869	09/02/13	9	13	25	\$9.82	\$ 22.23	\$21.75					\$24.72
5870	09/02/13	9	14	26	\$10.68	\$ 22.95	\$21.75					\$26.88
5871	09/02/13	9	15	26	\$11.18	\$ 22.95	\$22.90					\$28.13
5872	09/02/13	9	16	26	\$13.27	\$ 22.95	\$22.90					\$33.40
5873	09/02/13	9	17	27	\$13.90	\$ 24.09	\$22.90					\$34.98
5874	09/02/13	9	18	27	\$14.01	\$ 24.09	\$22.90					\$35.26
5875	09/02/13	9	19	26	\$14.15	\$ 22.95	\$22.90					\$35.62
5876	09/02/13	9	20	26	\$12.94	\$ 22.95	\$22.90					\$32.57
5877	09/02/13	9	21	26	\$11.80	\$ 22.95	\$22.90					\$29.71
5878	09/02/13	9	22	25	\$9.05	\$ 22.23	\$21.75					\$22.77
5879	09/02/13	9	23	24	\$8.26	\$ 21.76	\$21.03					\$20.79
5880	09/02/13	9	24	23	\$7.87	\$ 21.48	\$20.33					\$19.80

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5881	09/03/13	9	1	22	\$6.35	\$ 21.32	\$20.19					\$15.99
5882	09/03/13	9	2	21	\$6.09	\$ 21.25	\$20.13					\$15.32
5883	09/03/13	9	3	21	\$5.84	\$ 21.25	\$20.13					\$14.70
5884	09/03/13	9	4	20	\$5.72	\$ 21.22	\$20.13					\$14.41
5885	09/03/13	9	5	21	\$6.21	\$ 21.25	\$20.13					\$15.62
5886	09/03/13	9	6	22	\$7.43	\$ 21.32	\$20.33					\$18.69
5887	09/03/13	9	7	24	\$7.98	\$ 21.76	\$20.59					\$20.09
5888	09/03/13	9	8	25	\$8.55	\$ 22.23	\$21.03					\$21.51
5889	09/03/13	9	9	26	\$11.34	\$ 22.95	\$21.75					\$28.55
5890	09/03/13	9	10	27	\$11.16	\$ 24.09	\$22.90					\$28.09
5891	09/03/13	9	11	28	\$11.73	\$ 25.89	\$24.69					\$29.52
5892	09/03/13	9	12	28	\$12.78	\$ 25.89	\$27.35					\$32.17
5893	09/03/13	9	13	29	\$13.30	\$ 28.65	\$27.35					\$33.47
5894	09/03/13	9	14	30	\$14.23	\$ 32.53	\$31.07					\$35.82
5895	09/03/13	9	15	30	\$13.92	\$ 32.53	\$36.21					\$35.03
5896	09/03/13	9	16	31	\$14.44	\$ 38.08	\$43.07					\$36.35
5897	09/03/13	9	17	31	\$14.75	\$ 38.08	\$43.07					\$37.13
5898	09/03/13	9	18	31	\$12.99	\$ 38.08	\$43.07					\$32.69
5899	09/03/13	9	19	30	\$12.71	\$ 32.53	\$36.21					\$31.98
5900	09/03/13	9	20	30	\$12.61	\$ 32.53	\$36.21					\$31.74
5901	09/03/13	9	21	30	\$11.17	\$ 32.53	\$36.21					\$28.11
5902	09/03/13	9	22	29	\$9.86	\$ 28.65	\$27.35					\$24.82
5903	09/03/13	9	23	26	\$8.35	\$ 22.95	\$22.90					\$21.02
5904	09/03/13	9	24	24	\$7.86	\$ 21.76	\$21.03					\$19.79
5905	09/04/13	9	1	23	\$7.18	\$ 21.48	\$20.59					\$18.08
5906	09/04/13	9	2	22	\$6.58	\$ 21.32	\$20.33					\$16.55
5907	09/04/13	9	3	22	\$5.81	\$ 21.32	\$20.19					\$14.63
5908	09/04/13	9	4	22	\$5.79	\$ 21.32	\$20.19					\$14.57
5909	09/04/13	9	5	22	\$6.84	\$ 21.32	\$20.19					\$17.21
5910	09/04/13	9	6	23	\$8.33	\$ 21.48	\$20.33					\$20.97
5911	09/04/13	9	7	24	\$8.14	\$ 21.76	\$21.03					\$20.49
5912	09/04/13	9	8	24	\$9.80	\$ 21.76	\$21.03					\$24.67
5913	09/04/13	9	9	24	\$10.74	\$ 21.76	\$20.59					\$27.03
5914	09/04/13	9	10	25	\$11.87	\$ 22.23	\$21.03					\$29.89
5915	09/04/13	9	11	26	\$12.41	\$ 22.95	\$21.75					\$31.23
5916	09/04/13	9	12	26	\$12.98	\$ 22.95	\$22.90					\$32.67
5917	09/04/13	9	13	27	\$14.25	\$ 24.09	\$22.90					\$35.88
5918	09/04/13	9	14	29	\$15.94	\$ 28.65	\$27.35					\$40.11
5919	09/04/13	9	15	30	\$17.21	\$ 32.53	\$31.07					\$43.33
5920	09/04/13	9	16	30	\$19.20	\$ 32.53	\$36.21					\$48.32
5921	09/04/13	9	17	31	\$17.68	\$ 38.08	\$36.21					\$44.50
5922	09/04/13	9	18	31	\$15.63	\$ 38.08	\$43.07					\$39.35
5923	09/04/13	9	19	31	\$14.64	\$ 38.08	\$36.21					\$36.84
5924	09/04/13	9	20	30	\$14.04	\$ 32.53	\$36.21					\$35.33
5925	09/04/13	9	21	30	\$13.32	\$ 32.53	\$31.07					\$33.52
5926	09/04/13	9	22	29	\$11.47	\$ 28.65	\$31.07					\$28.86
5927	09/04/13	9	23	28	\$9.74	\$ 25.89	\$27.35					\$24.52
5928	09/04/13	9	24	28	\$8.71	\$ 25.89	\$24.69					\$21.92
5929	09/05/13	9	1	26	\$7.97	\$ 22.95	\$22.90					\$20.06
5930	09/05/13	9	2	25	\$7.62	\$ 22.23	\$21.75					\$19.17
5931	09/05/13	9	3	25	\$7.36	\$ 22.23	\$21.03					\$18.53
5932	09/05/13	9	4	25	\$7.16	\$ 22.23	\$21.03					\$18.02
5933	09/05/13	9	5	25	\$7.70	\$ 22.23	\$21.03					\$19.39
5934	09/05/13	9	6	26	\$8.38	\$ 22.95	\$21.75					\$21.10
5935	09/05/13	9	7	28	\$8.48	\$ 25.89	\$24.69					\$21.34
5936	09/05/13	9	8	29	\$10.02	\$ 28.65	\$27.35					\$25.21

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5937	09/05/13	9	9	29	\$11.85	\$ 28.65	\$31.07					\$29.83
5938	09/05/13	9	10	30	\$12.92	\$ 32.53	\$31.07					\$32.52
5939	09/05/13	9	11	31	\$13.07	\$ 38.08	\$36.21					\$32.90
5940	09/05/13	9	12	32	\$14.34	\$ 45.72	\$43.07					\$36.10
5941	09/05/13	9	13	33	\$15.21	\$ 56.49	\$51.98					\$38.28
5942	09/05/13	9	14	35	\$16.92	\$ 93.21	\$81.20					\$42.60
5943	09/05/13	9	15	35	\$17.76	\$ 93.21	\$81.20					\$44.71
5944	09/05/13	9	16	36	\$18.91	\$ 121.32	\$105.08					\$47.60
5945	09/05/13	9	17	36	\$17.07	\$ 121.32	\$105.08					\$42.96
5946	09/05/13	9	18	35	\$15.40	\$ 93.21	\$81.20					\$38.77
5947	09/05/13	9	19	35	\$14.81	\$ 93.21	\$81.20					\$37.27
5948	09/05/13	9	20	34	\$14.50	\$ 72.00	\$64.21					\$36.49
5949	09/05/13	9	21	34	\$11.44	\$ 72.00	\$64.21					\$28.79
5950	09/05/13	9	22	32	\$9.59	\$ 45.72	\$43.07					\$24.15
5951	09/05/13	9	23	30	\$8.66	\$ 32.53	\$36.21					\$21.80
5952	09/05/13	9	24	28	\$7.82	\$ 25.89	\$27.35					\$19.68
5953	09/06/13	9	1	27	\$7.02	\$ 24.09	\$22.90					\$17.68
5954	09/06/13	9	2	26	\$6.57	\$ 22.95	\$21.75					\$16.53
5955	09/06/13	9	3	25	\$6.28	\$ 22.23	\$21.75					\$15.81
5956	09/06/13	9	4	25	\$6.15	\$ 22.23	\$21.03					\$15.49
5957	09/06/13	9	5	24	\$6.83	\$ 21.76	\$21.03					\$17.18
5958	09/06/13	9	6	24	\$7.81	\$ 21.76	\$20.59					\$19.65
5959	09/06/13	9	7	26	\$7.56	\$ 22.95	\$21.75					\$19.03
5960	09/06/13	9	8	27	\$8.39	\$ 24.09	\$22.90					\$21.12
5961	09/06/13	9	9	28	\$9.75	\$ 25.89	\$24.69					\$24.55
5962	09/06/13	9	10	29	\$12.07	\$ 28.65	\$27.35					\$30.37
5963	09/06/13	9	11	30	\$10.97	\$ 32.53	\$31.07					\$27.61
5964	09/06/13	9	12	32	\$11.89	\$ 45.72	\$43.07					\$29.93
5965	09/06/13	9	13	34	\$12.70	\$ 72.00	\$64.21					\$31.96
5966	09/06/13	9	14	36	\$12.85	\$ 121.32	\$105.08					\$32.35
5967	09/06/13	9	15	36	\$14.06	\$ 121.32	\$135.96					\$35.38
5968	09/06/13	9	16	37	\$15.20	\$ 156.65	\$135.96					\$38.25
5969	09/06/13	9	17	37	\$14.39	\$ 156.65	\$135.96					\$36.21
5970	09/06/13	9	18	36	\$12.05	\$ 121.32	\$135.96					\$30.32
5971	09/06/13	9	19	35	\$11.81	\$ 93.21	\$105.08					\$29.73
5972	09/06/13	9	20	34	\$11.55	\$ 72.00	\$81.20					\$29.06
5973	09/06/13	9	21	34	\$11.00	\$ 72.00	\$64.21					\$27.68
5974	09/06/13	9	22	32	\$9.02	\$ 45.72	\$51.98					\$22.71
5975	09/06/13	9	23	31	\$8.66	\$ 38.08	\$36.21					\$21.81
5976	09/06/13	9	24	29	\$8.24	\$ 28.65	\$31.07					\$20.73
5977	09/07/13	9	1	27	\$8.27	\$ 24.09	\$24.69					\$20.82
5978	09/07/13	9	2	26	\$7.68	\$ 22.95	\$22.90					\$19.32
5979	09/07/13	9	3	26	\$7.46	\$ 22.95	\$22.90					\$18.77
5980	09/07/13	9	4	25	\$7.27	\$ 22.23	\$21.75					\$18.29
5981	09/07/13	9	5	25	\$7.23	\$ 22.23	\$21.75					\$18.20
5982	09/07/13	9	6	25	\$7.87	\$ 22.23	\$21.75					\$19.80
5983	09/07/13	9	7	26	\$7.76	\$ 22.95	\$21.75					\$19.53
5984	09/07/13	9	8	26	\$8.39	\$ 22.95	\$22.90					\$21.12
5985	09/07/13	9	9	27	\$9.42	\$ 24.09	\$24.69					\$23.70
5986	09/07/13	9	10	29	\$11.27	\$ 28.65	\$27.35					\$28.38
5987	09/07/13	9	11	30	\$12.17	\$ 32.53	\$36.21					\$30.63
5988	09/07/13	9	12	32	\$15.22	\$ 45.72	\$43.07					\$38.30
5989	09/07/13	9	13	33	\$16.16	\$ 56.49	\$51.98					\$40.68
5990	09/07/13	9	14	33	\$17.31	\$ 56.49	\$64.21					\$43.58
5991	09/07/13	9	15	34	\$18.57	\$ 72.00	\$81.20					\$46.73
5992	09/07/13	9	16	35	\$20.60	\$ 93.21	\$81.20					\$51.84

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
5993	09/07/13	9	17	34	\$21.09	\$ 72.00	\$81.20					\$53.08
5994	09/07/13	9	18	34	\$19.44	\$ 72.00	\$81.20					\$48.93
5995	09/07/13	9	19	33	\$16.57	\$ 56.49	\$64.21					\$41.70
5996	09/07/13	9	20	33	\$16.68	\$ 56.49	\$64.21					\$41.99
5997	09/07/13	9	21	33	\$14.85	\$ 56.49	\$64.21					\$37.38
5998	09/07/13	9	22	32	\$12.15	\$ 45.72	\$51.98					\$30.58
5999	09/07/13	9	23	30	\$10.66	\$ 32.53	\$36.21					\$26.82
6000	09/07/13	9	24	28	\$9.14	\$ 25.89	\$27.35					\$23.00
6001	09/08/13	9	1	27	\$8.25	\$ 24.09	\$24.69					\$20.77
6002	09/08/13	9	2	26	\$7.58	\$ 22.95	\$22.90					\$19.07
6003	09/08/13	9	3	25	\$7.23	\$ 22.23	\$21.75					\$18.20
6004	09/08/13	9	4	25	\$6.93	\$ 22.23	\$21.75					\$17.45
6005	09/08/13	9	5	24	\$6.76	\$ 21.76	\$21.03					\$17.02
6006	09/08/13	9	6	25	\$7.03	\$ 22.23	\$21.03					\$17.70
6007	09/08/13	9	7	25	\$7.36	\$ 22.23	\$21.03					\$18.52
6008	09/08/13	9	8	24	\$7.76	\$ 21.76	\$21.03					\$19.54
6009	09/08/13	9	9	25	\$8.32	\$ 22.23	\$21.75					\$20.94
6010	09/08/13	9	10	27	\$9.81	\$ 24.09	\$22.90					\$24.70
6011	09/08/13	9	11	28	\$11.23	\$ 25.89	\$27.35					\$28.27
6012	09/08/13	9	12	29	\$11.93	\$ 28.65	\$31.07					\$30.02
6013	09/08/13	9	13	30	\$12.86	\$ 32.53	\$36.21					\$32.37
6014	09/08/13	9	14	31	\$14.10	\$ 38.08	\$43.07					\$35.48
6015	09/08/13	9	15	31	\$14.52	\$ 38.08	\$43.07					\$36.55
6016	09/08/13	9	16	32	\$15.70	\$ 45.72	\$51.98					\$39.51
6017	09/08/13	9	17	32	\$15.90	\$ 45.72	\$51.98					\$40.02
6018	09/08/13	9	18	33	\$15.52	\$ 56.49	\$64.21					\$39.07
6019	09/08/13	9	19	32	\$14.29	\$ 45.72	\$51.98					\$35.96
6020	09/08/13	9	20	31	\$13.52	\$ 38.08	\$43.07					\$34.02
6021	09/08/13	9	21	32	\$11.24	\$ 45.72	\$51.98					\$28.28
6022	09/08/13	9	22	31	\$9.20	\$ 38.08	\$43.07					\$23.15
6023	09/08/13	9	23	29	\$7.77	\$ 28.65	\$27.35					\$19.56
6024	09/08/13	9	24	27	\$6.97	\$ 24.09	\$24.69					\$17.55
6025	09/09/13	9	1	26	\$6.75	\$ 22.95	\$22.90					\$16.98
6026	09/09/13	9	2	25	\$6.67	\$ 22.23	\$21.75					\$16.78
6027	09/09/13	9	3	25	\$6.34	\$ 22.23	\$21.75					\$15.95
6028	09/09/13	9	4	25	\$5.94	\$ 22.23	\$21.03					\$14.95
6029	09/09/13	9	5	25	\$6.36	\$ 22.23	\$21.03					\$16.01
6030	09/09/13	9	6	26	\$7.44	\$ 22.95	\$22.90					\$18.73
6031	09/09/13	9	7	28	\$8.09	\$ 25.89	\$27.35					\$20.37
6032	09/09/13	9	8	30	\$8.19	\$ 32.53	\$31.07					\$20.61
6033	09/09/13	9	9	31	\$9.32	\$ 38.08	\$36.21					\$23.47
6034	09/09/13	9	10	32	\$11.69	\$ 45.72	\$43.07					\$29.43
6035	09/09/13	9	11	34	\$11.80	\$ 72.00	\$64.21					\$29.70
6036	09/09/13	9	12	36	\$13.09	\$ 121.32	\$105.08					\$32.95
6037	09/09/13	9	13	37	\$13.96	\$ 156.65	\$135.96					\$35.14
6038	09/09/13	9	14	39	\$15.79	\$ 283.42	\$234.60					\$39.74
6039	09/09/13	9	15	40	\$15.74	\$ 454.88	\$341.50					\$39.62
6040	09/09/13	9	16	40	\$16.87	\$ 454.88	\$341.50					\$42.47
6041	09/09/13	9	17	40	\$17.35	\$ 454.88	\$341.50					\$43.67
6042	09/09/13	9	18	40	\$18.12	\$ 454.88	\$341.50					\$45.62
6043	09/09/13	9	19	39	\$17.14	\$ 283.42	\$234.60					\$43.14
6044	09/09/13	9	20	38	\$17.32	\$ 208.06	\$176.47					\$43.60
6045	09/09/13	9	21	37	\$12.88	\$ 156.65	\$135.96					\$32.43
6046	09/09/13	9	22	35	\$11.05	\$ 93.21	\$105.08					\$27.82
6047	09/09/13	9	23	33	\$9.94	\$ 56.49	\$51.98					\$25.02
6048	09/09/13	9	24	31	\$9.52	\$ 38.08	\$43.07					\$23.96

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6049	09/10/13	9	1	29	\$7.41	\$ 28.65	\$31.07					\$18.64
6050	09/10/13	9	2	28	\$7.37	\$ 25.89	\$27.35					\$18.54
6051	09/10/13	9	3	27	\$7.49	\$ 24.09	\$24.69					\$18.86
6052	09/10/13	9	4	27	\$7.37	\$ 24.09	\$22.90					\$18.54
6053	09/10/13	9	5	27	\$7.57	\$ 24.09	\$22.90					\$19.05
6054	09/10/13	9	6	27	\$8.08	\$ 24.09	\$24.69					\$20.33
6055	09/10/13	9	7	29	\$8.93	\$ 28.65	\$27.35					\$22.48
6056	09/10/13	9	8	30	\$10.04	\$ 32.53	\$31.07					\$25.26
6057	09/10/13	9	9	31	\$12.36	\$ 38.08	\$36.21					\$31.12
6058	09/10/13	9	10	32	\$15.82	\$ 45.72	\$43.07					\$39.81
6059	09/10/13	9	11	34	\$15.96	\$ 72.00	\$64.21					\$40.18
6060	09/10/13	9	12	36	\$17.15	\$ 121.32	\$105.08					\$43.18
6061	09/10/13	9	13	37	\$18.90	\$ 156.65	\$135.96					\$47.58
6062	09/10/13	9	14	38	\$22.31	\$ 208.06	\$176.47					\$56.15
6063	09/10/13	9	15	39	\$26.01	\$ 283.42	\$234.60					\$65.48
6064	09/10/13	9	16	39	\$26.83	\$ 283.42	\$341.50					\$67.54
6065	09/10/13	9	17	39	\$25.61	\$ 283.42	\$234.60					\$64.45
6066	09/10/13	9	18	38	\$22.69	\$ 208.06	\$176.47					\$57.11
6067	09/10/13	9	19	37	\$21.20	\$ 156.65	\$135.96					\$53.36
6068	09/10/13	9	20	36	\$19.58	\$ 121.32	\$105.08					\$49.28
6069	09/10/13	9	21	36	\$17.84	\$ 121.32	\$105.08					\$44.90
6070	09/10/13	9	22	34	\$14.64	\$ 72.00	\$64.21					\$36.85
6071	09/10/13	9	23	31	\$12.97	\$ 38.08	\$43.07					\$32.64
6072	09/10/13	9	24	30	\$10.81	\$ 32.53	\$31.07					\$27.20
6073	09/11/13	9	1	28	\$8.61	\$ 25.89	\$24.69					\$21.67
6074	09/11/13	9	2	26	\$8.19	\$ 22.95	\$21.75					\$20.61
6075	09/11/13	9	3	27	\$8.08	\$ 24.09	\$22.90					\$20.33
6076	09/11/13	9	4	26	\$7.95	\$ 22.95	\$22.90					\$20.01
6077	09/11/13	9	5	26	\$7.97	\$ 22.95	\$22.90					\$20.07
6078	09/11/13	9	6	27	\$8.58	\$ 24.09	\$24.69					\$21.59
6079	09/11/13	9	7	29	\$10.48	\$ 28.65	\$27.35					\$26.37
6080	09/11/13	9	8	30	\$11.82	\$ 32.53	\$31.07					\$29.75
6081	09/11/13	9	9	31	\$12.57	\$ 38.08	\$31.07					\$31.63
6082	09/11/13	9	10	31	\$14.34	\$ 38.08	\$36.21					\$36.10
6083	09/11/13	9	11	32	\$15.16	\$ 45.72	\$51.98					\$38.15
6084	09/11/13	9	12	33	\$17.37	\$ 56.49	\$64.21					\$43.72
6085	09/11/13	9	13	34	\$19.21	\$ 72.00	\$64.21					\$48.36
6086	09/11/13	9	14	35	\$23.21	\$ 93.21	\$81.20					\$58.41
6087	09/11/13	9	15	35	\$25.32	\$ 93.21	\$81.20					\$63.74
6088	09/11/13	9	16	35	\$31.35	\$ 93.21	\$81.20					\$78.90
6089	09/11/13	9	17	35	\$26.13	\$ 93.21	\$81.20					\$65.77
6090	09/11/13	9	18	34	\$21.98	\$ 72.00	\$81.20					\$55.33
6091	09/11/13	9	19	34	\$19.15	\$ 72.00	\$64.21					\$48.21
6092	09/11/13	9	20	33	\$18.41	\$ 56.49	\$64.21					\$46.34
6093	09/11/13	9	21	33	\$17.39	\$ 56.49	\$51.98					\$43.78
6094	09/11/13	9	22	31	\$12.52	\$ 38.08	\$36.21					\$31.52
6095	09/11/13	9	23	29	\$11.30	\$ 28.65	\$27.35					\$28.44
6096	09/11/13	9	24	28	\$8.82	\$ 25.89	\$24.69					\$22.21
6097	09/12/13	9	1	26	\$8.89	\$ 22.95	\$22.90					\$22.37
6098	09/12/13	9	2	25	\$8.66	\$ 22.23	\$21.75					\$21.79
6099	09/12/13	9	3	25	\$8.24	\$ 22.23	\$21.03					\$20.74
6100	09/12/13	9	4	24	\$8.18	\$ 21.76	\$21.03					\$20.58
6101	09/12/13	9	5	24	\$7.90	\$ 21.76	\$21.03					\$19.89
6102	09/12/13	9	6	25	\$8.76	\$ 22.23	\$21.03					\$22.05
6103	09/12/13	9	7	26	\$11.45	\$ 22.95	\$21.75					\$28.83
6104	09/12/13	9	8	27	\$11.37	\$ 24.09	\$22.90					\$28.63

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6105	09/12/13	9	9	28	\$12.06	\$ 25.89	\$24.69					\$30.35
6106	09/12/13	9	10	29	\$13.45	\$ 28.65	\$27.35					\$33.86
6107	09/12/13	9	11	30	\$14.45	\$ 32.53	\$31.07					\$36.38
6108	09/12/13	9	12	30	\$15.39	\$ 32.53	\$31.07					\$38.74
6109	09/12/13	9	13	30	\$17.91	\$ 32.53	\$31.07					\$45.08
6110	09/12/13	9	14	31	\$20.25	\$ 38.08	\$36.21					\$50.96
6111	09/12/13	9	15	31	\$20.64	\$ 38.08	\$36.21					\$51.96
6112	09/12/13	9	16	31	\$21.93	\$ 38.08	\$36.21					\$55.21
6113	09/12/13	9	17	31	\$20.22	\$ 38.08	\$36.21					\$50.89
6114	09/12/13	9	18	30	\$17.25	\$ 32.53	\$31.07					\$43.42
6115	09/12/13	9	19	29	\$15.05	\$ 28.65	\$27.35					\$37.88
6116	09/12/13	9	20	29	\$14.52	\$ 28.65	\$27.35					\$36.55
6117	09/12/13	9	21	29	\$13.27	\$ 28.65	\$27.35					\$33.41
6118	09/12/13	9	22	27	\$10.30	\$ 24.09	\$24.69					\$25.93
6119	09/12/13	9	23	26	\$9.16	\$ 22.95	\$21.75					\$23.06
6120	09/12/13	9	24	24	\$8.57	\$ 21.76	\$21.03					\$21.58
6121	09/13/13	9	1	23	\$7.04	\$ 21.48	\$20.59					\$17.73
6122	09/13/13	9	2	22	\$6.75	\$ 21.32	\$20.33					\$17.00
6123	09/13/13	9	3	22	\$6.58	\$ 21.32	\$20.19					\$16.56
6124	09/13/13	9	4	22	\$6.70	\$ 21.32	\$20.19					\$16.87
6125	09/13/13	9	5	21	\$6.90	\$ 21.25	\$20.13					\$17.38
6126	09/13/13	9	6	22	\$7.66	\$ 21.32	\$20.19					\$19.28
6127	09/13/13	9	7	23	\$9.26	\$ 21.48	\$20.33					\$23.32
6128	09/13/13	9	8	24	\$10.66	\$ 21.76	\$20.33					\$26.84
6129	09/13/13	9	9	24	\$10.59	\$ 21.76	\$20.59					\$26.65
6130	09/13/13	9	10	25	\$12.35	\$ 22.23	\$21.03					\$31.09
6131	09/13/13	9	11	26	\$13.75	\$ 22.95	\$21.75					\$34.60
6132	09/13/13	9	12	27	\$14.18	\$ 24.09	\$22.90					\$35.69
6133	09/13/13	9	13	28	\$15.24	\$ 25.89	\$24.69					\$38.37
6134	09/13/13	9	14	28	\$16.52	\$ 25.89	\$24.69					\$41.59
6135	09/13/13	9	15	28	\$15.82	\$ 25.89	\$24.69					\$39.81
6136	09/13/13	9	16	28	\$15.30	\$ 25.89	\$27.35					\$38.52
6137	09/13/13	9	17	28	\$12.62	\$ 25.89	\$24.69					\$31.76
6138	09/13/13	9	18	28	\$12.36	\$ 25.89	\$24.69					\$31.12
6139	09/13/13	9	19	27	\$12.10	\$ 24.09	\$22.90					\$30.46
6140	09/13/13	9	20	26	\$12.00	\$ 22.95	\$21.75					\$30.20
6141	09/13/13	9	21	26	\$10.60	\$ 22.95	\$21.75					\$26.68
6142	09/13/13	9	22	26	\$9.41	\$ 22.95	\$21.75					\$23.69
6143	09/13/13	9	23	24	\$8.27	\$ 21.76	\$21.03					\$20.81
6144	09/13/13	9	24	23	\$6.65	\$ 21.48	\$20.59					\$16.75
6145	09/14/13	9	1	22	\$5.04	\$ 21.32	\$20.33					\$12.69
6146	09/14/13	9	2	22	\$3.94	\$ 21.32	\$20.19					\$9.91
6147	09/14/13	9	3	21	\$3.79	\$ 21.25	\$20.19					\$9.54
6148	09/14/13	9	4	21	\$3.34	\$ 21.25	\$20.19					\$8.41
6149	09/14/13	9	5	21	\$3.37	\$ 21.25	\$20.13					\$8.49
6150	09/14/13	9	6	21	\$4.83	\$ 21.25	\$20.19					\$12.16
6151	09/14/13	9	7	22	\$6.01	\$ 21.32	\$20.19					\$15.12
6152	09/14/13	9	8	22	\$6.60	\$ 21.32	\$20.19					\$16.62
6153	09/14/13	9	9	23	\$7.97	\$ 21.48	\$20.33					\$20.06
6154	09/14/13	9	10	24	\$8.44	\$ 21.76	\$20.59					\$21.24
6155	09/14/13	9	11	24	\$8.67	\$ 21.76	\$20.59					\$21.82
6156	09/14/13	9	12	24	\$8.59	\$ 21.76	\$20.59					\$21.62
6157	09/14/13	9	13	24	\$8.49	\$ 21.76	\$21.03					\$21.36
6158	09/14/13	9	14	24	\$8.10	\$ 21.76	\$21.03					\$20.39
6159	09/14/13	9	15	25	\$7.99	\$ 22.23	\$21.03					\$20.10
6160	09/14/13	9	16	25	\$7.94	\$ 22.23	\$21.03					\$19.98

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6161	09/14/13	9	17	25	\$8.07	\$ 22.23	\$21.03					\$20.31
6162	09/14/13	9	18	24	\$7.93	\$ 21.76	\$21.03					\$19.96
6163	09/14/13	9	19	24	\$8.12	\$ 21.76	\$21.03					\$20.44
6164	09/14/13	9	20	25	\$8.71	\$ 22.23	\$21.03					\$21.92
6165	09/14/13	9	21	25	\$8.13	\$ 22.23	\$21.75					\$20.46
6166	09/14/13	9	22	24	\$6.68	\$ 21.76	\$21.03					\$16.82
6167	09/14/13	9	23	23	\$6.01	\$ 21.48	\$20.59					\$15.14
6168	09/14/13	9	24	22	\$4.40	\$ 21.32	\$20.33					\$11.07
6169	09/15/13	9	1	22	\$1.08	\$ 21.32	\$20.33					\$2.73
6170	09/15/13	9	2	21	\$0.89	\$ 21.25	\$20.19					\$2.23
6171	09/15/13	9	3	21	\$1.01	\$ 21.25	\$20.19					\$2.54
6172	09/15/13	9	4	21	\$1.12	\$ 21.25	\$20.19					\$2.83
6173	09/15/13	9	5	21	\$1.46	\$ 21.25	\$20.19					\$3.68
6174	09/15/13	9	6	21	\$2.10	\$ 21.25	\$20.19					\$5.29
6175	09/15/13	9	7	21	\$4.06	\$ 21.25	\$20.19					\$10.22
6176	09/15/13	9	8	21	\$6.82	\$ 21.25	\$20.13					\$17.16
6177	09/15/13	9	9	22	\$7.22	\$ 21.32	\$20.19					\$18.17
6178	09/15/13	9	10	22	\$7.85	\$ 21.32	\$20.19					\$19.75
6179	09/15/13	9	11	22	\$7.85	\$ 21.32	\$20.33					\$19.75
6180	09/15/13	9	12	23	\$7.95	\$ 21.48	\$20.33					\$20.02
6181	09/15/13	9	13	22	\$7.72	\$ 21.32	\$20.33					\$19.43
6182	09/15/13	9	14	22	\$7.49	\$ 21.32	\$20.33					\$18.85
6183	09/15/13	9	15	22	\$7.14	\$ 21.32	\$20.33					\$17.96
6184	09/15/13	9	16	22	\$7.44	\$ 21.32	\$20.33					\$18.72
6185	09/15/13	9	17	23	\$8.09	\$ 21.48	\$20.33					\$20.37
6186	09/15/13	9	18	23	\$8.17	\$ 21.48	\$20.33					\$20.57
6187	09/15/13	9	19	23	\$8.48	\$ 21.48	\$20.33					\$21.35
6188	09/15/13	9	20	24	\$9.86	\$ 21.76	\$20.59					\$24.81
6189	09/15/13	9	21	24	\$8.72	\$ 21.76	\$20.59					\$21.94
6190	09/15/13	9	22	23	\$7.92	\$ 21.48	\$20.59					\$19.93
6191	09/15/13	9	23	22	\$6.90	\$ 21.32	\$20.19					\$17.38
6192	09/15/13	9	24	21	\$6.40	\$ 21.25	\$20.13					\$16.11
6193	09/16/13	9	1	20	\$6.48	\$ 21.22	\$20.13					\$16.31
6194	09/16/13	9	2	20	\$6.40	\$ 21.22	\$20.10					\$16.10
6195	09/16/13	9	3	20	\$6.45	\$ 21.22	\$20.10					\$16.23
6196	09/16/13	9	4	20	\$6.52	\$ 21.22	\$20.10					\$16.41
6197	09/16/13	9	5	20	\$6.85	\$ 21.22	\$20.13					\$17.24
6198	09/16/13	9	6	22	\$8.17	\$ 21.32	\$20.19					\$20.56
6199	09/16/13	9	7	24	\$10.15	\$ 21.76	\$20.59					\$25.56
6200	09/16/13	9	8	25	\$10.98	\$ 22.23	\$21.03					\$27.63
6201	09/16/13	9	9	25	\$11.14	\$ 22.23	\$21.03					\$28.03
6202	09/16/13	9	10	26	\$12.43	\$ 22.95	\$21.75					\$31.29
6203	09/16/13	9	11	26	\$13.79	\$ 22.95	\$21.75					\$34.71
6204	09/16/13	9	12	26	\$14.14	\$ 22.95	\$21.75					\$35.59
6205	09/16/13	9	13	26	\$14.60	\$ 22.95	\$21.75					\$36.74
6206	09/16/13	9	14	27	\$16.28	\$ 24.09	\$22.90					\$40.98
6207	09/16/13	9	15	27	\$15.46	\$ 24.09	\$22.90					\$38.92
6208	09/16/13	9	16	26	\$14.50	\$ 22.95	\$21.75					\$36.50
6209	09/16/13	9	17	26	\$13.08	\$ 22.95	\$21.75					\$32.92
6210	09/16/13	9	18	26	\$12.36	\$ 22.95	\$21.75					\$31.10
6211	09/16/13	9	19	25	\$11.18	\$ 22.23	\$21.75					\$28.13
6212	09/16/13	9	20	26	\$10.80	\$ 22.95	\$21.75					\$27.18
6213	09/16/13	9	21	26	\$8.60	\$ 22.95	\$21.75					\$21.64
6214	09/16/13	9	22	25	\$7.42	\$ 22.23	\$21.03					\$18.68
6215	09/16/13	9	23	24	\$6.04	\$ 21.76	\$20.59					\$15.21
6216	09/16/13	9	24	23	\$5.17	\$ 21.48	\$20.33					\$13.02

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6217	09/17/13	9	1	22	-\$0.23	\$ 21.32	\$20.33					-\$0.59
6218	09/17/13	9	2	22	-\$0.37	\$ 21.32	\$20.19					-\$0.93
6219	09/17/13	9	3	22	-\$0.46	\$ 21.32	\$20.19					-\$1.15
6220	09/17/13	9	4	21	-\$0.20	\$ 21.25	\$20.19					-\$0.51
6221	09/17/13	9	5	22	-\$0.26	\$ 21.32	\$20.19					-\$0.65
6222	09/17/13	9	6	23	\$3.25	\$ 21.48	\$20.33					\$8.17
6223	09/17/13	9	7	25	\$5.65	\$ 22.23	\$21.03					\$14.21
6224	09/17/13	9	8	26	\$6.49	\$ 22.95	\$21.75					\$16.34
6225	09/17/13	9	9	26	\$6.48	\$ 22.95	\$21.75					\$16.32
6226	09/17/13	9	10	27	\$6.65	\$ 24.09	\$22.90					\$16.73
6227	09/17/13	9	11	27	\$6.42	\$ 24.09	\$22.90					\$16.17
6228	09/17/13	9	12	27	\$7.00	\$ 24.09	\$22.90					\$17.61
6229	09/17/13	9	13	27	\$7.72	\$ 24.09	\$22.90					\$19.43
6230	09/17/13	9	14	27	\$8.28	\$ 24.09	\$22.90					\$20.85
6231	09/17/13	9	15	27	\$6.79	\$ 24.09	\$22.90					\$17.10
6232	09/17/13	9	16	26	\$7.24	\$ 22.95	\$21.75					\$18.22
6233	09/17/13	9	17	26	\$7.29	\$ 22.95	\$21.75					\$18.34
6234	09/17/13	9	18	26	\$7.87	\$ 22.95	\$21.75					\$19.82
6235	09/17/13	9	19	27	\$7.64	\$ 24.09	\$22.90					\$19.24
6236	09/17/13	9	20	27	\$8.34	\$ 24.09	\$22.90					\$20.99
6237	09/17/13	9	21	27	\$7.01	\$ 24.09	\$24.69					\$17.65
6238	09/17/13	9	22	26	\$6.03	\$ 22.95	\$22.90					\$15.18
6239	09/17/13	9	23	25	\$4.34	\$ 22.23	\$21.03					\$10.92
6240	09/17/13	9	24	24	\$2.17	\$ 21.76	\$21.03					\$5.46
6241	09/18/13	9	1	23	-\$0.98	\$ 21.48	\$20.59					-\$2.46
6242	09/18/13	9	2	23	-\$1.59	\$ 21.48	\$20.33					-\$3.99
6243	09/18/13	9	3	23	-\$1.53	\$ 21.48	\$20.59					-\$3.85
6244	09/18/13	9	4	23	-\$1.47	\$ 21.48	\$20.33					-\$3.70
6245	09/18/13	9	5	23	-\$0.87	\$ 21.48	\$20.59					-\$2.19
6246	09/18/13	9	6	24	\$2.48	\$ 21.76	\$21.03					\$6.25
6247	09/18/13	9	7	26	\$6.73	\$ 22.95	\$22.90					\$16.95
6248	09/18/13	9	8	27	\$7.65	\$ 24.09	\$24.69					\$19.25
6249	09/18/13	9	9	28	\$8.12	\$ 25.89	\$24.69					\$20.43
6250	09/18/13	9	10	29	\$8.59	\$ 28.65	\$27.35					\$21.63
6251	09/18/13	9	11	29	\$8.72	\$ 28.65	\$27.35					\$21.94
6252	09/18/13	9	12	30	\$9.19	\$ 32.53	\$31.07					\$23.13
6253	09/18/13	9	13	31	\$9.61	\$ 38.08	\$36.21					\$24.19
6254	09/18/13	9	14	32	\$10.94	\$ 45.72	\$43.07					\$27.53
6255	09/18/13	9	15	33	\$11.05	\$ 56.49	\$51.98					\$27.81
6256	09/18/13	9	16	34	\$10.92	\$ 72.00	\$64.21					\$27.49
6257	09/18/13	9	17	34	\$10.79	\$ 72.00	\$64.21					\$27.17
6258	09/18/13	9	18	34	\$9.82	\$ 72.00	\$81.20					\$24.72
6259	09/18/13	9	19	34	\$10.24	\$ 72.00	\$81.20					\$25.77
6260	09/18/13	9	20	34	\$10.67	\$ 72.00	\$81.20					\$26.86
6261	09/18/13	9	21	34	\$9.34	\$ 72.00	\$81.20					\$23.50
6262	09/18/13	9	22	33	\$7.91	\$ 56.49	\$51.98					\$19.90
6263	09/18/13	9	23	31	\$5.38	\$ 38.08	\$43.07					\$13.53
6264	09/18/13	9	24	29	\$3.68	\$ 28.65	\$31.07					\$9.27
6265	09/19/13	9	1	28	-\$0.02	\$ 25.89	\$27.35					-\$0.04
6266	09/19/13	9	2	27	-\$0.03	\$ 24.09	\$24.69					-\$0.07
6267	09/19/13	9	3	26	\$0.15	\$ 22.95	\$22.90					\$0.38
6268	09/19/13	9	4	26	\$0.17	\$ 22.95	\$21.75					\$0.43
6269	09/19/13	9	5	25	\$0.95	\$ 22.23	\$21.75					\$2.38
6270	09/19/13	9	6	26	\$4.30	\$ 22.95	\$21.75					\$10.83
6271	09/19/13	9	7	27	\$7.21	\$ 24.09	\$24.69					\$18.16
6272	09/19/13	9	8	28	\$8.87	\$ 25.89	\$24.69					\$22.33

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6273	09/19/13	9	9	29	\$9.82	\$ 28.65	\$27.35					\$24.71
6274	09/19/13	9	10	29	\$10.81	\$ 28.65	\$27.35					\$27.22
6275	09/19/13	9	11	28	\$11.51	\$ 25.89	\$24.69					\$28.97
6276	09/19/13	9	12	28	\$12.68	\$ 25.89	\$24.69					\$31.92
6277	09/19/13	9	13	29	\$13.75	\$ 28.65	\$27.35					\$34.61
6278	09/19/13	9	14	30	\$15.97	\$ 32.53	\$27.35					\$40.20
6279	09/19/13	9	15	30	\$15.28	\$ 32.53	\$31.07					\$38.47
6280	09/19/13	9	16	29	\$16.70	\$ 28.65	\$27.35					\$42.04
6281	09/19/13	9	17	28	\$16.75	\$ 25.89	\$24.69					\$42.15
6282	09/19/13	9	18	27	\$15.43	\$ 24.09	\$22.90					\$38.85
6283	09/19/13	9	19	26	\$14.50	\$ 22.95	\$21.75					\$36.49
6284	09/19/13	9	20	26	\$14.99	\$ 22.95	\$22.90					\$37.72
6285	09/19/13	9	21	26	\$13.15	\$ 22.95	\$21.75					\$33.09
6286	09/19/13	9	22	26	\$10.67	\$ 22.95	\$21.75					\$26.86
6287	09/19/13	9	23	26	\$8.82	\$ 22.95	\$21.75					\$22.19
6288	09/19/13	9	24	24	\$7.32	\$ 21.76	\$20.59					\$18.43
6289	09/20/13	9	1	23	\$5.77	\$ 21.48	\$20.33					\$14.52
6290	09/20/13	9	2	23	\$4.36	\$ 21.48	\$20.33					\$10.98
6291	09/20/13	9	3	22	\$3.33	\$ 21.32	\$20.33					\$8.38
6292	09/20/13	9	4	22	\$2.73	\$ 21.32	\$20.19					\$6.88
6293	09/20/13	9	5	22	\$3.76	\$ 21.32	\$20.19					\$9.47
6294	09/20/13	9	6	23	\$5.71	\$ 21.48	\$20.33					\$14.38
6295	09/20/13	9	7	25	\$7.60	\$ 22.23	\$20.59					\$19.13
6296	09/20/13	9	8	25	\$8.31	\$ 22.23	\$21.03					\$20.91
6297	09/20/13	9	9	26	\$9.04	\$ 22.95	\$21.03					\$22.75
6298	09/20/13	9	10	26	\$10.75	\$ 22.95	\$21.75					\$27.05
6299	09/20/13	9	11	27	\$11.99	\$ 24.09	\$21.75					\$30.19
6300	09/20/13	9	12	26	\$12.56	\$ 22.95	\$21.75					\$31.61
6301	09/20/13	9	13	26	\$12.38	\$ 22.95	\$21.75					\$31.16
6302	09/20/13	9	14	27	\$12.57	\$ 24.09	\$22.90					\$31.63
6303	09/20/13	9	15	27	\$12.19	\$ 24.09	\$22.90					\$30.68
6304	09/20/13	9	16	27	\$11.95	\$ 24.09	\$22.90					\$30.08
6305	09/20/13	9	17	26	\$11.34	\$ 22.95	\$22.90					\$28.54
6306	09/20/13	9	18	26	\$10.64	\$ 22.95	\$21.75					\$26.77
6307	09/20/13	9	19	25	\$10.21	\$ 22.23	\$21.03					\$25.69
6308	09/20/13	9	20	25	\$12.13	\$ 22.23	\$21.75					\$30.52
6309	09/20/13	9	21	25	\$10.55	\$ 22.23	\$21.75					\$26.55
6310	09/20/13	9	22	24	\$9.16	\$ 21.76	\$21.03					\$23.06
6311	09/20/13	9	23	23	\$8.14	\$ 21.48	\$20.33					\$20.49
6312	09/20/13	9	24	22	\$7.70	\$ 21.32	\$20.19					\$19.38
6313	09/21/13	9	1	21	\$7.18	\$ 21.25	\$20.13					\$18.08
6314	09/21/13	9	2	21	\$7.00	\$ 21.25	\$20.13					\$17.63
6315	09/21/13	9	3	20	\$6.75	\$ 21.22	\$20.10					\$16.99
6316	09/21/13	9	4	20	\$6.57	\$ 21.22	\$20.10					\$16.54
6317	09/21/13	9	5	20	\$6.79	\$ 21.22	\$20.10					\$17.08
6318	09/21/13	9	6	20	\$7.02	\$ 21.22	\$20.10					\$17.68
6319	09/21/13	9	7	21	\$7.85	\$ 21.25	\$20.13					\$19.75
6320	09/21/13	9	8	21	\$8.90	\$ 21.25	\$20.13					\$22.40
6321	09/21/13	9	9	22	\$10.59	\$ 21.32	\$20.19					\$26.65
6322	09/21/13	9	10	22	\$11.50	\$ 21.32	\$20.19					\$28.94
6323	09/21/13	9	11	23	\$12.32	\$ 21.48	\$20.33					\$31.02
6324	09/21/13	9	12	23	\$12.29	\$ 21.48	\$20.33					\$30.93
6325	09/21/13	9	13	23	\$11.43	\$ 21.48	\$20.59					\$28.76
6326	09/21/13	9	14	23	\$11.53	\$ 21.48	\$20.59					\$29.02
6327	09/21/13	9	15	23	\$11.64	\$ 21.48	\$20.59					\$29.31
6328	09/21/13	9	16	24	\$11.67	\$ 21.76	\$20.59					\$29.38

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6329	09/21/13	9	17	24	\$11.87	\$ 21.76	\$20.59					\$29.89
6330	09/21/13	9	18	24	\$12.00	\$ 21.76	\$20.59					\$30.21
6331	09/21/13	9	19	24	\$11.58	\$ 21.76	\$20.59					\$29.15
6332	09/21/13	9	20	24	\$12.45	\$ 21.76	\$21.03					\$31.35
6333	09/21/13	9	21	24	\$10.85	\$ 21.76	\$21.03					\$27.31
6334	09/21/13	9	22	24	\$8.93	\$ 21.76	\$20.59					\$22.48
6335	09/21/13	9	23	22	\$7.21	\$ 21.32	\$20.33					\$18.15
6336	09/21/13	9	24	21	\$6.85	\$ 21.25	\$20.19					\$17.25
6337	09/22/13	9	1	21	\$5.66	\$ 21.25	\$20.13					\$14.24
6338	09/22/13	9	2	20	\$3.65	\$ 21.22	\$20.13					\$9.19
6339	09/22/13	9	3	20	\$2.33	\$ 21.22	\$20.13					\$5.87
6340	09/22/13	9	4	19	\$1.67	\$ 21.20	\$20.10					\$4.21
6341	09/22/13	9	5	19	\$1.13	\$ 21.20	\$20.10					\$2.85
6342	09/22/13	9	6	19	\$1.71	\$ 21.20	\$20.10					\$4.31
6343	09/22/13	9	7	20	\$4.37	\$ 21.22	\$20.10					\$11.01
6344	09/22/13	9	8	20	\$6.71	\$ 21.22	\$20.10					\$16.88
6345	09/22/13	9	9	21	\$6.79	\$ 21.25	\$20.13					\$17.09
6346	09/22/13	9	10	21	\$6.49	\$ 21.25	\$20.19					\$16.33
6347	09/22/13	9	11	22	\$6.66	\$ 21.32	\$20.33					\$16.77
6348	09/22/13	9	12	23	\$6.97	\$ 21.48	\$20.33					\$17.55
6349	09/22/13	9	13	22	\$6.71	\$ 21.32	\$20.33					\$16.88
6350	09/22/13	9	14	22	\$6.44	\$ 21.32	\$20.33					\$16.20
6351	09/22/13	9	15	23	\$6.27	\$ 21.48	\$20.33					\$15.78
6352	09/22/13	9	16	23	\$6.00	\$ 21.48	\$20.59					\$15.11
6353	09/22/13	9	17	24	\$5.84	\$ 21.76	\$20.59					\$14.71
6354	09/22/13	9	18	24	\$5.88	\$ 21.76	\$21.03					\$14.80
6355	09/22/13	9	19	24	\$6.27	\$ 21.76	\$21.03					\$15.79
6356	09/22/13	9	20	24	\$6.73	\$ 21.76	\$21.03					\$16.94
6357	09/22/13	9	21	24	\$6.30	\$ 21.76	\$21.03					\$15.85
6358	09/22/13	9	22	23	\$4.57	\$ 21.48	\$20.59					\$11.50
6359	09/22/13	9	23	22	\$0.11	\$ 21.32	\$20.33					\$0.27
6360	09/22/13	9	24	21	-\$2.98	\$ 21.25	\$20.19					-\$7.51
6361	09/23/13	9	1	21	-\$5.44	\$ 21.25	\$20.13					-\$13.69
6362	09/23/13	9	2	20	-\$5.94	\$ 21.22	\$20.13					-\$14.95
6363	09/23/13	9	3	20	-\$5.82	\$ 21.22	\$20.13					-\$14.66
6364	09/23/13	9	4	20	-\$5.18	\$ 21.22	\$20.10					-\$13.05
6365	09/23/13	9	5	20	-\$3.45	\$ 21.22	\$20.13					-\$8.69
6366	09/23/13	9	6	21	\$0.74	\$ 21.25	\$20.19					\$1.87
6367	09/23/13	9	7	24	\$6.24	\$ 21.76	\$20.59					\$15.71
6368	09/23/13	9	8	25	\$7.42	\$ 22.23	\$21.03					\$18.67
6369	09/23/13	9	9	25	\$9.02	\$ 22.23	\$21.03					\$22.71
6370	09/23/13	9	10	26	\$10.01	\$ 22.95	\$21.75					\$25.19
6371	09/23/13	9	11	27	\$9.83	\$ 24.09	\$21.75					\$24.74
6372	09/23/13	9	12	27	\$8.80	\$ 24.09	\$22.90					\$22.15
6373	09/23/13	9	13	27	\$9.15	\$ 24.09	\$22.90					\$23.02
6374	09/23/13	9	14	28	\$9.09	\$ 25.89	\$22.90					\$22.88
6375	09/23/13	9	15	28	\$8.54	\$ 25.89	\$24.69					\$21.50
6376	09/23/13	9	16	28	\$8.62	\$ 25.89	\$24.69					\$21.69
6377	09/23/13	9	17	28	\$8.64	\$ 25.89	\$24.69					\$21.74
6378	09/23/13	9	18	27	\$8.26	\$ 24.09	\$24.69					\$20.78
6379	09/23/13	9	19	27	\$8.74	\$ 24.09	\$22.90					\$22.01
6380	09/23/13	9	20	27	\$10.95	\$ 24.09	\$22.90					\$27.57
6381	09/23/13	9	21	27	\$9.25	\$ 24.09	\$22.90					\$23.29
6382	09/23/13	9	22	26	\$6.79	\$ 22.95	\$21.75					\$17.10
6383	09/23/13	9	23	24	\$3.57	\$ 21.76	\$20.59					\$8.98
6384	09/23/13	9	24	23	\$1.70	\$ 21.48	\$20.59					\$4.28

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6385	09/24/13	9	1	22	\$5.98	\$ 21.32	\$20.33					\$15.05
6386	09/24/13	9	2	22	\$6.02	\$ 21.32	\$20.19					\$15.16
6387	09/24/13	9	3	21	\$6.33	\$ 21.25	\$20.19					\$15.93
6388	09/24/13	9	4	21	\$6.49	\$ 21.25	\$20.19					\$16.33
6389	09/24/13	9	5	21	\$7.57	\$ 21.25	\$20.19					\$19.05
6390	09/24/13	9	6	23	\$9.02	\$ 21.48	\$20.33					\$22.71
6391	09/24/13	9	7	24	\$10.99	\$ 21.76	\$20.59					\$27.67
6392	09/24/13	9	8	25	\$11.69	\$ 22.23	\$21.03					\$29.43
6393	09/24/13	9	9	25	\$12.49	\$ 22.23	\$21.03					\$31.44
6394	09/24/13	9	10	24	\$14.56	\$ 21.76	\$20.59					\$36.66
6395	09/24/13	9	11	26	\$15.97	\$ 22.95	\$21.75					\$40.21
6396	09/24/13	9	12	27	\$16.88	\$ 24.09	\$21.75					\$42.49
6397	09/24/13	9	13	27	\$17.58	\$ 24.09	\$21.75					\$44.24
6398	09/24/13	9	14	27	\$18.51	\$ 24.09	\$22.90					\$46.59
6399	09/24/13	9	15	27	\$17.74	\$ 24.09	\$22.90					\$44.65
6400	09/24/13	9	16	28	\$17.53	\$ 25.89	\$22.90					\$44.12
6401	09/24/13	9	17	27	\$16.25	\$ 24.09	\$22.90					\$40.90
6402	09/24/13	9	18	27	\$14.91	\$ 24.09	\$22.90					\$37.53
6403	09/24/13	9	19	26	\$16.13	\$ 22.95	\$22.90					\$40.59
6404	09/24/13	9	20	27	\$18.12	\$ 24.09	\$22.90					\$45.60
6405	09/24/13	9	21	27	\$14.60	\$ 24.09	\$22.90					\$36.75
6406	09/24/13	9	22	26	\$11.02	\$ 22.95	\$21.75					\$27.74
6407	09/24/13	9	23	24	\$8.99	\$ 21.76	\$21.03					\$22.63
6408	09/24/13	9	24	23	\$8.96	\$ 21.48	\$20.59					\$22.55
6409	09/25/13	9	1	22	\$7.59	\$ 21.32	\$20.19					\$19.11
6410	09/25/13	9	2	22	\$7.35	\$ 21.32	\$20.19					\$18.49
6411	09/25/13	9	3	21	\$7.23	\$ 21.25	\$20.13					\$18.21
6412	09/25/13	9	4	20	\$7.29	\$ 21.22	\$20.10					\$18.34
6413	09/25/13	9	5	20	\$7.71	\$ 21.22	\$20.10					\$19.40
6414	09/25/13	9	6	21	\$8.34	\$ 21.25	\$20.13					\$20.99
6415	09/25/13	9	7	22	\$10.36	\$ 21.32	\$20.19					\$26.07
6416	09/25/13	9	8	24	\$10.55	\$ 21.76	\$20.33					\$26.56
6417	09/25/13	9	9	25	\$10.55	\$ 22.23	\$21.03					\$26.55
6418	09/25/13	9	10	26	\$11.87	\$ 22.95	\$21.75					\$29.89
6419	09/25/13	9	11	27	\$12.26	\$ 24.09	\$22.90					\$30.85
6420	09/25/13	9	12	27	\$12.84	\$ 24.09	\$22.90					\$32.31
6421	09/25/13	9	13	28	\$13.09	\$ 25.89	\$22.90					\$32.95
6422	09/25/13	9	14	28	\$11.24	\$ 25.89	\$24.69					\$28.28
6423	09/25/13	9	15	29	\$11.80	\$ 28.65	\$27.35					\$29.69
6424	09/25/13	9	16	29	\$10.85	\$ 28.65	\$27.35					\$27.31
6425	09/25/13	9	17	29	\$10.56	\$ 28.65	\$27.35					\$26.58
6426	09/25/13	9	18	29	\$10.48	\$ 28.65	\$27.35					\$26.37
6427	09/25/13	9	19	28	\$10.62	\$ 25.89	\$24.69					\$26.73
6428	09/25/13	9	20	28	\$10.63	\$ 25.89	\$24.69					\$26.75
6429	09/25/13	9	21	28	\$9.15	\$ 25.89	\$24.69					\$23.03
6430	09/25/13	9	22	27	\$7.49	\$ 24.09	\$22.90					\$18.85
6431	09/25/13	9	23	25	\$6.41	\$ 22.23	\$21.75					\$16.14
6432	09/25/13	9	24	24	\$5.08	\$ 21.76	\$20.59					\$12.79
6433	09/26/13	9	1	24	\$3.15	\$ 21.76	\$20.59					\$7.94
6434	09/26/13	9	2	23	\$2.72	\$ 21.48	\$20.33					\$6.85
6435	09/26/13	9	3	23	\$2.46	\$ 21.48	\$20.33					\$6.19
6436	09/26/13	9	4	23	\$2.19	\$ 21.48	\$20.33					\$5.50
6437	09/26/13	9	5	23	\$2.27	\$ 21.48	\$20.33					\$5.72
6438	09/26/13	9	6	24	\$4.85	\$ 21.76	\$20.59					\$12.21
6439	09/26/13	9	7	26	\$7.39	\$ 22.95	\$21.75					\$18.61
6440	09/26/13	9	8	27	\$7.79	\$ 24.09	\$22.90					\$19.62

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6441	09/26/13	9	9	27	\$7.99	\$ 24.09	\$22.90					\$20.12
6442	09/26/13	9	10	27	\$8.35	\$ 24.09	\$22.90					\$21.01
6443	09/26/13	9	11	28	\$8.32	\$ 25.89	\$24.69					\$20.95
6444	09/26/13	9	12	29	\$8.49	\$ 28.65	\$27.35					\$21.38
6445	09/26/13	9	13	30	\$8.35	\$ 32.53	\$27.35					\$21.02
6446	09/26/13	9	14	31	\$8.64	\$ 38.08	\$36.21					\$21.76
6447	09/26/13	9	15	31	\$8.87	\$ 38.08	\$36.21					\$22.33
6448	09/26/13	9	16	31	\$9.44	\$ 38.08	\$36.21					\$23.75
6449	09/26/13	9	17	31	\$9.25	\$ 38.08	\$43.07					\$23.29
6450	09/26/13	9	18	31	\$9.44	\$ 38.08	\$36.21					\$23.76
6451	09/26/13	9	19	30	\$9.22	\$ 32.53	\$31.07					\$23.22
6452	09/26/13	9	20	30	\$11.04	\$ 32.53	\$36.21					\$27.80
6453	09/26/13	9	21	30	\$8.37	\$ 32.53	\$31.07					\$21.08
6454	09/26/13	9	22	29	\$7.08	\$ 28.65	\$27.35					\$17.83
6455	09/26/13	9	23	27	\$5.92	\$ 24.09	\$24.69					\$14.90
6456	09/26/13	9	24	26	\$4.18	\$ 22.95	\$21.75					\$10.53
6457	09/27/13	9	1	25	\$0.98	\$ 22.23	\$21.03					\$2.47
6458	09/27/13	9	2	24	\$0.43	\$ 21.76	\$21.03					\$1.09
6459	09/27/13	9	3	24	\$0.69	\$ 21.76	\$20.59					\$1.74
6460	09/27/13	9	4	23	\$0.61	\$ 21.48	\$20.59					\$1.53
6461	09/27/13	9	5	23	\$0.78	\$ 21.48	\$20.59					\$1.96
6462	09/27/13	9	6	25	\$3.09	\$ 22.23	\$21.03					\$7.78
6463	09/27/13	9	7	26	\$6.23	\$ 22.95	\$22.90					\$15.67
6464	09/27/13	9	8	27	\$7.31	\$ 24.09	\$24.69					\$18.40
6465	09/27/13	9	9	28	\$8.08	\$ 25.89	\$24.69					\$20.35
6466	09/27/13	9	10	29	\$9.54	\$ 28.65	\$27.35					\$24.01
6467	09/27/13	9	11	30	\$9.53	\$ 32.53	\$27.35					\$23.99
6468	09/27/13	9	12	30	\$9.35	\$ 32.53	\$31.07					\$23.54
6469	09/27/13	9	13	31	\$9.79	\$ 38.08	\$36.21					\$24.65
6470	09/27/13	9	14	32	\$10.29	\$ 45.72	\$43.07					\$25.91
6471	09/27/13	9	15	33	\$10.62	\$ 56.49	\$51.98					\$26.73
6472	09/27/13	9	16	33	\$10.69	\$ 56.49	\$51.98					\$26.92
6473	09/27/13	9	17	33	\$10.60	\$ 56.49	\$51.98					\$26.69
6474	09/27/13	9	18	31	\$9.91	\$ 38.08	\$36.21					\$24.95
6475	09/27/13	9	19	31	\$9.80	\$ 38.08	\$36.21					\$24.66
6476	09/27/13	9	20	30	\$9.97	\$ 32.53	\$36.21					\$25.09
6477	09/27/13	9	21	30	\$9.20	\$ 32.53	\$31.07					\$23.15
6478	09/27/13	9	22	29	\$7.72	\$ 28.65	\$27.35					\$19.44
6479	09/27/13	9	23	27	\$6.19	\$ 24.09	\$24.69					\$15.58
6480	09/27/13	9	24	26	\$5.03	\$ 22.95	\$21.75					\$12.67
6481	09/28/13	9	1	25	-\$0.05	\$ 22.23	\$21.75					-\$0.13
6482	09/28/13	9	2	24	-\$1.94	\$ 21.76	\$21.03					-\$4.89
6483	09/28/13	9	3	23	-\$1.72	\$ 21.48	\$20.59					-\$4.32
6484	09/28/13	9	4	23	-\$2.30	\$ 21.48	\$20.33					-\$5.78
6485	09/28/13	9	5	23	-\$2.09	\$ 21.48	\$20.33					-\$5.26
6486	09/28/13	9	6	23	-\$1.12	\$ 21.48	\$20.33					-\$2.83
6487	09/28/13	9	7	23	\$1.07	\$ 21.48	\$20.33					\$2.69
6488	09/28/13	9	8	24	\$4.51	\$ 21.76	\$20.59					\$11.34
6489	09/28/13	9	9	25	\$5.14	\$ 22.23	\$20.59					\$12.94
6490	09/28/13	9	10	25	\$6.00	\$ 22.23	\$21.03					\$15.11
6491	09/28/13	9	11	26	\$6.44	\$ 22.95	\$21.03					\$16.21
6492	09/28/13	9	12	26	\$6.77	\$ 22.95	\$21.03					\$17.05
6493	09/28/13	9	13	25	\$7.10	\$ 22.23	\$21.03					\$17.87
6494	09/28/13	9	14	25	\$7.17	\$ 22.23	\$21.03					\$18.06
6495	09/28/13	9	15	25	\$7.22	\$ 22.23	\$21.03					\$18.18
6496	09/28/13	9	16	24	\$7.55	\$ 21.76	\$21.03					\$19.00

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6497	09/28/13	9	17	24	\$8.51	\$ 21.76	\$20.59					\$21.43
6498	09/28/13	9	18	24	\$9.84	\$ 21.76	\$20.59					\$24.77
6499	09/28/13	9	19	24	\$11.90	\$ 21.76	\$20.59					\$29.95
6500	09/28/13	9	20	24	\$13.76	\$ 21.76	\$21.03					\$34.63
6501	09/28/13	9	21	24	\$11.93	\$ 21.76	\$20.59					\$30.03
6502	09/28/13	9	22	24	\$9.71	\$ 21.76	\$20.59					\$24.43
6503	09/28/13	9	23	23	\$8.19	\$ 21.48	\$20.33					\$20.62
6504	09/28/13	9	24	21	\$7.74	\$ 21.25	\$20.13					\$19.48
6505	09/29/13	9	1	20	\$5.95	\$ 21.22	\$20.13					\$14.97
6506	09/29/13	9	2	20	\$5.42	\$ 21.22	\$20.10					\$13.64
6507	09/29/13	9	3	20	\$5.28	\$ 21.22	\$20.10					\$13.30
6508	09/29/13	9	4	20	\$4.89	\$ 21.22	\$20.10					\$12.30
6509	09/29/13	9	5	20	\$5.19	\$ 21.22	\$20.10					\$13.07
6510	09/29/13	9	6	20	\$5.67	\$ 21.22	\$20.10					\$14.27
6511	09/29/13	9	7	20	\$6.56	\$ 21.22	\$20.10					\$16.51
6512	09/29/13	9	8	20	\$7.21	\$ 21.22	\$20.10					\$18.14
6513	09/29/13	9	9	19	\$7.70	\$ 21.20	\$20.09					\$19.39
6514	09/29/13	9	10	20	\$8.88	\$ 21.22	\$20.10					\$22.34
6515	09/29/13	9	11	21	\$9.74	\$ 21.25	\$20.13					\$24.51
6516	09/29/13	9	12	22	\$9.73	\$ 21.32	\$20.19					\$24.50
6517	09/29/13	9	13	22	\$9.17	\$ 21.32	\$20.33					\$23.07
6518	09/29/13	9	14	22	\$9.10	\$ 21.32	\$20.33					\$22.90
6519	09/29/13	9	15	23	\$8.51	\$ 21.48	\$20.33					\$21.43
6520	09/29/13	9	16	23	\$8.56	\$ 21.48	\$20.33					\$21.54
6521	09/29/13	9	17	23	\$7.99	\$ 21.48	\$20.59					\$20.10
6522	09/29/13	9	18	24	\$7.92	\$ 21.76	\$20.59					\$19.93
6523	09/29/13	9	19	23	\$8.86	\$ 21.48	\$20.59					\$22.30
6524	09/29/13	9	20	23	\$9.29	\$ 21.48	\$20.33					\$23.39
6525	09/29/13	9	21	24	\$7.15	\$ 21.76	\$20.59					\$18.00
6526	09/29/13	9	22	23	\$6.22	\$ 21.48	\$20.33					\$15.65
6527	09/29/13	9	23	22	\$3.54	\$ 21.32	\$20.19					\$8.90
6528	09/29/13	9	24	21	\$1.75	\$ 21.25	\$20.13					\$4.41
6529	09/30/13	9	1	20	-\$2.53	\$ 21.22	\$20.13					-\$6.36
6530	09/30/13	9	2	20	-\$2.32	\$ 21.22	\$20.13					-\$5.85
6531	09/30/13	9	3	20	-\$1.32	\$ 21.22	\$20.13					-\$3.31
6532	09/30/13	9	4	20	-\$1.65	\$ 21.22	\$20.13					-\$4.15
6533	09/30/13	9	5	21	-\$0.93	\$ 21.25	\$20.13					-\$2.34
6534	09/30/13	9	6	22	\$1.85	\$ 21.32	\$20.19					\$4.66
6535	09/30/13	9	7	24	\$3.55	\$ 21.76	\$20.59					\$8.93
6536	09/30/13	9	8	25	\$5.76	\$ 22.23	\$21.03					\$14.49
6537	09/30/13	9	9	25	\$6.34	\$ 22.23	\$20.59					\$15.96
6538	09/30/13	9	10	26	\$6.46	\$ 22.95	\$21.03					\$16.26
6539	09/30/13	9	11	25	\$6.73	\$ 22.23	\$21.03					\$16.94
6540	09/30/13	9	12	26	\$6.58	\$ 22.95	\$21.03					\$16.55
6541	09/30/13	9	13	26	\$6.93	\$ 22.95	\$21.03					\$17.45
6542	09/30/13	9	14	26	\$6.83	\$ 22.95	\$21.75					\$17.19
6543	09/30/13	9	15	26	\$6.55	\$ 22.95	\$21.75					\$16.49
6544	09/30/13	9	16	27	\$6.65	\$ 24.09	\$22.90					\$16.75
6545	09/30/13	9	17	27	\$6.57	\$ 24.09	\$22.90					\$16.54
6546	09/30/13	9	18	27	\$6.22	\$ 24.09	\$22.90					\$15.66
6547	09/30/13	9	19	27	\$6.34	\$ 24.09	\$22.90					\$15.95
6548	09/30/13	9	20	28	\$6.69	\$ 25.89	\$24.69					\$16.83
6549	09/30/13	9	21	28	\$6.09	\$ 25.89	\$24.69					\$15.34
6550	09/30/13	9	22	26	\$3.67	\$ 22.95	\$22.90					\$9.25
6551	09/30/13	9	23	25	\$3.32	\$ 22.23	\$21.03					\$8.35
6552	09/30/13	9	24	24	\$0.35	\$ 21.76	\$20.59					\$0.87

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6553	10/01/13	10	1	23	-\$3.46	\$ 21.48	\$20.59					-\$8.70
6554	10/01/13	10	2	23	-\$2.69	\$ 21.48	\$20.33					-\$6.78
6555	10/01/13	10	3	23	-\$2.15	\$ 21.48	\$20.33					-\$5.40
6556	10/01/13	10	4	23	-\$1.63	\$ 21.48	\$20.33					-\$4.11
6557	10/01/13	10	5	23	\$0.91	\$ 21.48	\$20.33					\$2.29
6558	10/01/13	10	6	24	\$6.28	\$ 21.76	\$20.59					\$15.80
6559	10/01/13	10	7	25	\$7.23	\$ 22.23	\$21.03					\$18.19
6560	10/01/13	10	8	26	\$10.12	\$ 22.95	\$21.75					\$25.47
6561	10/01/13	10	9	26	\$14.34	\$ 22.95	\$21.75					\$36.09
6562	10/01/13	10	10	26	\$15.94	\$ 22.95	\$21.75					\$40.12
6563	10/01/13	10	11	27	\$16.35	\$ 24.09	\$21.75					\$41.15
6564	10/01/13	10	12	27	\$17.24	\$ 24.09	\$22.90					\$43.39
6565	10/01/13	10	13	28	\$19.49	\$ 25.89	\$22.90					\$49.07
6566	10/01/13	10	14	28	\$19.56	\$ 25.89	\$24.69					\$49.23
6567	10/01/13	10	15	29	\$19.65	\$ 28.65	\$24.69					\$49.47
6568	10/01/13	10	16	28	\$20.37	\$ 25.89	\$24.69					\$51.28
6569	10/01/13	10	17	28	\$19.64	\$ 25.89	\$24.69					\$49.44
6570	10/01/13	10	18	27	\$18.20	\$ 24.09	\$22.90					\$45.82
6571	10/01/13	10	19	27	\$18.35	\$ 24.09	\$22.90					\$46.18
6572	10/01/13	10	20	28	\$18.80	\$ 25.89	\$22.90					\$47.33
6573	10/01/13	10	21	26	\$16.13	\$ 22.95	\$21.75					\$40.61
6574	10/01/13	10	22	25	\$14.55	\$ 22.23	\$21.03					\$36.63
6575	10/01/13	10	23	24	\$9.93	\$ 21.76	\$20.59					\$25.00
6576	10/01/13	10	24	22	\$9.05	\$ 21.32	\$20.19					\$22.78
6577	10/02/13	10	1	22	\$7.80	\$ 21.32	\$20.13					\$19.64
6578	10/02/13	10	2	22	\$7.27	\$ 21.32	\$20.19					\$18.30
6579	10/02/13	10	3	22	\$7.01	\$ 21.32	\$20.19					\$17.64
6580	10/02/13	10	4	22	\$7.06	\$ 21.32	\$20.19					\$17.78
6581	10/02/13	10	5	22	\$7.49	\$ 21.32	\$20.19					\$18.85
6582	10/02/13	10	6	23	\$9.26	\$ 21.48	\$20.33					\$23.32
6583	10/02/13	10	7	25	\$9.69	\$ 22.23	\$21.03					\$24.39
6584	10/02/13	10	8	26	\$11.31	\$ 22.95	\$21.75					\$28.48
6585	10/02/13	10	9	26	\$11.68	\$ 22.95	\$21.75					\$29.40
6586	10/02/13	10	10	27	\$12.49	\$ 24.09	\$22.90					\$31.45
6587	10/02/13	10	11	26	\$13.23	\$ 22.95	\$21.75					\$33.29
6588	10/02/13	10	12	27	\$14.50	\$ 24.09	\$22.90					\$36.49
6589	10/02/13	10	13	29	\$15.80	\$ 28.65	\$27.35					\$39.76
6590	10/02/13	10	14	30	\$15.59	\$ 32.53	\$31.07					\$39.23
6591	10/02/13	10	15	31	\$15.11	\$ 38.08	\$36.21					\$38.04
6592	10/02/13	10	16	31	\$16.86	\$ 38.08	\$36.21					\$42.44
6593	10/02/13	10	17	31	\$16.48	\$ 38.08	\$36.21					\$41.49
6594	10/02/13	10	18	31	\$15.86	\$ 38.08	\$36.21					\$39.91
6595	10/02/13	10	19	30	\$16.47	\$ 32.53	\$31.07					\$41.45
6596	10/02/13	10	20	30	\$17.13	\$ 32.53	\$31.07					\$43.11
6597	10/02/13	10	21	30	\$13.36	\$ 32.53	\$31.07					\$33.64
6598	10/02/13	10	22	29	\$9.85	\$ 28.65	\$27.35					\$24.79
6599	10/02/13	10	23	27	\$8.39	\$ 24.09	\$24.69					\$21.11
6600	10/02/13	10	24	26	\$7.08	\$ 22.95	\$21.75					\$17.81
6601	10/03/13	10	1	25	\$7.10	\$ 22.23	\$21.03					\$17.87
6602	10/03/13	10	2	24	\$6.92	\$ 21.76	\$21.03					\$17.41
6603	10/03/13	10	3	23	\$6.74	\$ 21.48	\$20.59					\$16.97
6604	10/03/13	10	4	23	\$6.88	\$ 21.48	\$20.59					\$17.31
6605	10/03/13	10	5	24	\$7.12	\$ 21.76	\$20.59					\$17.92
6606	10/03/13	10	6	25	\$8.60	\$ 22.23	\$21.03					\$21.64
6607	10/03/13	10	7	27	\$10.75	\$ 24.09	\$22.90					\$27.06
6608	10/03/13	10	8	28	\$12.09	\$ 25.89	\$24.69					\$30.44

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6609	10/03/13	10	9	28	\$13.15	\$ 25.89	\$22.90					\$33.10
6610	10/03/13	10	10	28	\$13.81	\$ 25.89	\$24.69					\$34.75
6611	10/03/13	10	11	29	\$15.31	\$ 28.65	\$24.69					\$38.53
6612	10/03/13	10	12	30	\$15.27	\$ 32.53	\$27.35					\$38.43
6613	10/03/13	10	13	30	\$15.27	\$ 32.53	\$27.35					\$38.44
6614	10/03/13	10	14	30	\$15.13	\$ 32.53	\$31.07					\$38.09
6615	10/03/13	10	15	31	\$15.47	\$ 38.08	\$31.07					\$38.94
6616	10/03/13	10	16	31	\$16.14	\$ 38.08	\$31.07					\$40.62
6617	10/03/13	10	17	30	\$16.61	\$ 32.53	\$31.07					\$41.82
6618	10/03/13	10	18	30	\$16.02	\$ 32.53	\$27.35					\$40.33
6619	10/03/13	10	19	30	\$17.69	\$ 32.53	\$31.07					\$44.52
6620	10/03/13	10	20	30	\$19.28	\$ 32.53	\$31.07					\$48.52
6621	10/03/13	10	21	29	\$14.87	\$ 28.65	\$27.35					\$37.42
6622	10/03/13	10	22	28	\$11.24	\$ 25.89	\$24.69					\$28.30
6623	10/03/13	10	23	27	\$9.31	\$ 24.09	\$22.90					\$23.43
6624	10/03/13	10	24	25	\$7.43	\$ 22.23	\$21.03					\$18.71
6625	10/04/13	10	1	25	\$6.67	\$ 22.23	\$21.03					\$16.79
6626	10/04/13	10	2	24	\$5.88	\$ 21.76	\$20.59					\$14.80
6627	10/04/13	10	3	24	\$5.77	\$ 21.76	\$20.59					\$14.53
6628	10/04/13	10	4	23	\$5.59	\$ 21.48	\$20.59					\$14.08
6629	10/04/13	10	5	23	\$5.66	\$ 21.48	\$20.59					\$14.25
6630	10/04/13	10	6	25	\$7.25	\$ 22.23	\$21.03					\$18.24
6631	10/04/13	10	7	26	\$8.09	\$ 22.95	\$21.75					\$20.37
6632	10/04/13	10	8	28	\$9.28	\$ 25.89	\$22.90					\$23.37
6633	10/04/13	10	9	28	\$9.93	\$ 25.89	\$22.90					\$25.00
6634	10/04/13	10	10	27	\$11.34	\$ 24.09	\$21.75					\$28.55
6635	10/04/13	10	11	27	\$12.07	\$ 24.09	\$21.75					\$30.38
6636	10/04/13	10	12	27	\$12.66	\$ 24.09	\$21.75					\$31.87
6637	10/04/13	10	13	27	\$11.58	\$ 24.09	\$21.75					\$29.15
6638	10/04/13	10	14	27	\$11.52	\$ 24.09	\$22.90					\$29.00
6639	10/04/13	10	15	28	\$10.33	\$ 25.89	\$22.90					\$25.99
6640	10/04/13	10	16	28	\$10.33	\$ 25.89	\$24.69					\$25.99
6641	10/04/13	10	17	29	\$10.66	\$ 28.65	\$24.69					\$26.82
6642	10/04/13	10	18	29	\$9.85	\$ 28.65	\$27.35					\$24.79
6643	10/04/13	10	19	28	\$9.53	\$ 25.89	\$24.69					\$24.00
6644	10/04/13	10	20	28	\$10.34	\$ 25.89	\$24.69					\$26.03
6645	10/04/13	10	21	28	\$7.24	\$ 25.89	\$24.69					\$18.22
6646	10/04/13	10	22	27	\$5.88	\$ 24.09	\$22.90					\$14.80
6647	10/04/13	10	23	25	\$5.07	\$ 22.23	\$21.03					\$12.75
6648	10/04/13	10	24	23	\$3.51	\$ 21.48	\$20.33					\$8.83
6649	10/05/13	10	1	22	\$2.70	\$ 21.32	\$20.19					\$6.79
6650	10/05/13	10	2	21	\$1.66	\$ 21.25	\$20.13					\$4.19
6651	10/05/13	10	3	21	\$0.38	\$ 21.25	\$20.10					\$0.95
6652	10/05/13	10	4	20	-\$0.13	\$ 21.22	\$20.10					-\$0.33
6653	10/05/13	10	5	20	\$0.08	\$ 21.22	\$20.10					\$0.19
6654	10/05/13	10	6	20	\$0.94	\$ 21.22	\$20.10					\$2.36
6655	10/05/13	10	7	21	\$2.31	\$ 21.25	\$20.10					\$5.81
6656	10/05/13	10	8	21	\$4.11	\$ 21.25	\$20.13					\$10.35
6657	10/05/13	10	9	21	\$5.76	\$ 21.25	\$20.13					\$14.50
6658	10/05/13	10	10	22	\$6.38	\$ 21.32	\$20.19					\$16.07
6659	10/05/13	10	11	22	\$6.37	\$ 21.32	\$20.19					\$16.03
6660	10/05/13	10	12	22	\$6.30	\$ 21.32	\$20.19					\$15.86
6661	10/05/13	10	13	22	\$6.37	\$ 21.32	\$20.19					\$16.04
6662	10/05/13	10	14	22	\$6.30	\$ 21.32	\$20.13					\$15.85
6663	10/05/13	10	15	22	\$5.94	\$ 21.32	\$20.13					\$14.94
6664	10/05/13	10	16	22	\$5.96	\$ 21.32	\$20.19					\$15.01

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6665	10/05/13	10	17	22	\$6.16	\$ 21.32	\$20.19					\$15.50
6666	10/05/13	10	18	22	\$6.38	\$ 21.32	\$20.19					\$16.05
6667	10/05/13	10	19	22	\$6.69	\$ 21.32	\$20.19					\$16.85
6668	10/05/13	10	20	23	\$7.04	\$ 21.48	\$20.19					\$17.73
6669	10/05/13	10	21	22	\$6.46	\$ 21.32	\$20.19					\$16.27
6670	10/05/13	10	22	22	\$5.61	\$ 21.32	\$20.19					\$14.13
6671	10/05/13	10	23	21	\$5.68	\$ 21.25	\$20.13					\$14.30
6672	10/05/13	10	24	20	\$4.08	\$ 21.22	\$20.10					\$10.28
6673	10/06/13	10	1	19	\$6.35	\$ 21.20	\$20.09					\$15.98
6674	10/06/13	10	2	19	\$6.12	\$ 21.20	\$20.09					\$15.41
6675	10/06/13	10	3	19	\$4.93	\$ 21.20	\$20.09					\$12.42
6676	10/06/13	10	4	19	\$5.05	\$ 21.20	\$20.09					\$12.71
6677	10/06/13	10	5	19	\$5.59	\$ 21.20	\$20.09					\$14.06
6678	10/06/13	10	6	18	\$6.54	\$ 21.20	\$20.09					\$16.46
6679	10/06/13	10	7	19	\$6.57	\$ 21.20	\$20.09					\$16.53
6680	10/06/13	10	8	20	\$6.84	\$ 21.22	\$20.10					\$17.21
6681	10/06/13	10	9	20	\$6.96	\$ 21.22	\$20.10					\$17.53
6682	10/06/13	10	10	21	\$6.73	\$ 21.25	\$20.10					\$16.94
6683	10/06/13	10	11	21	\$6.48	\$ 21.25	\$20.13					\$16.31
6684	10/06/13	10	12	21	\$6.65	\$ 21.25	\$20.13					\$16.74
6685	10/06/13	10	13	22	\$6.66	\$ 21.32	\$20.13					\$16.77
6686	10/06/13	10	14	21	\$6.51	\$ 21.25	\$20.13					\$16.39
6687	10/06/13	10	15	21	\$6.23	\$ 21.25	\$20.13					\$15.68
6688	10/06/13	10	16	22	\$6.11	\$ 21.32	\$20.13					\$15.39
6689	10/06/13	10	17	22	\$6.19	\$ 21.32	\$20.13					\$15.57
6690	10/06/13	10	18	22	\$6.56	\$ 21.32	\$20.19					\$16.50
6691	10/06/13	10	19	22	\$7.21	\$ 21.32	\$20.19					\$18.16
6692	10/06/13	10	20	23	\$9.22	\$ 21.48	\$20.33					\$23.20
6693	10/06/13	10	21	23	\$6.90	\$ 21.48	\$20.19					\$17.36
6694	10/06/13	10	22	22	\$6.46	\$ 21.32	\$20.19					\$16.25
6695	10/06/13	10	23	21	\$6.33	\$ 21.25	\$20.13					\$15.93
6696	10/06/13	10	24	20	\$5.84	\$ 21.22	\$20.10					\$14.71
6697	10/07/13	10	1	20	\$1.67	\$ 21.22	\$20.10					\$4.21
6698	10/07/13	10	2	20	\$0.52	\$ 21.22	\$20.10					\$1.30
6699	10/07/13	10	3	20	\$1.69	\$ 21.22	\$20.10					\$4.26
6700	10/07/13	10	4	20	\$3.86	\$ 21.22	\$20.10					\$9.72
6701	10/07/13	10	5	20	\$5.88	\$ 21.22	\$20.10					\$14.81
6702	10/07/13	10	6	22	\$8.11	\$ 21.32	\$20.19					\$20.41
6703	10/07/13	10	7	24	\$11.26	\$ 21.76	\$20.59					\$28.33
6704	10/07/13	10	8	25	\$12.80	\$ 22.23	\$20.59					\$32.23
6705	10/07/13	10	9	25	\$14.00	\$ 22.23	\$20.59					\$35.24
6706	10/07/13	10	10	26	\$15.37	\$ 22.95	\$21.03					\$38.68
6707	10/07/13	10	11	26	\$16.15	\$ 22.95	\$21.03					\$40.66
6708	10/07/13	10	12	25	\$16.05	\$ 22.23	\$21.03					\$40.41
6709	10/07/13	10	13	25	\$15.88	\$ 22.23	\$20.59					\$39.98
6710	10/07/13	10	14	25	\$15.46	\$ 22.23	\$21.03					\$38.91
6711	10/07/13	10	15	25	\$14.23	\$ 22.23	\$21.03					\$35.81
6712	10/07/13	10	16	25	\$14.03	\$ 22.23	\$21.03					\$35.32
6713	10/07/13	10	17	25	\$14.00	\$ 22.23	\$20.59					\$35.25
6714	10/07/13	10	18	25	\$14.10	\$ 22.23	\$21.03					\$35.49
6715	10/07/13	10	19	26	\$15.93	\$ 22.95	\$21.75					\$40.10
6716	10/07/13	10	20	26	\$15.49	\$ 22.95	\$21.75					\$38.99
6717	10/07/13	10	21	26	\$11.64	\$ 22.95	\$21.75					\$29.31
6718	10/07/13	10	22	25	\$7.66	\$ 22.23	\$21.03					\$19.27
6719	10/07/13	10	23	23	\$6.52	\$ 21.48	\$20.33					\$16.40
6720	10/07/13	10	24	22	\$5.36	\$ 21.32	\$20.33					\$13.49

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6721	10/08/13	10	1	22	-\$0.37	\$ 21.32	\$20.19					-\$0.94
6722	10/08/13	10	2	21	-\$3.02	\$ 21.25	\$20.13					-\$7.61
6723	10/08/13	10	3	21	-\$3.56	\$ 21.25	\$20.13					-\$8.97
6724	10/08/13	10	4	21	-\$3.69	\$ 21.25	\$20.13					-\$9.29
6725	10/08/13	10	5	21	-\$4.15	\$ 21.25	\$20.19					-\$10.44
6726	10/08/13	10	6	22	\$0.25	\$ 21.32	\$20.19					\$0.62
6727	10/08/13	10	7	22	\$3.11	\$ 21.32	\$20.19					\$7.83
6728	10/08/13	10	8	23	\$5.02	\$ 21.48	\$20.19					\$12.64
6729	10/08/13	10	9	22	\$5.03	\$ 21.32	\$20.19					\$12.66
6730	10/08/13	10	10	22	\$5.32	\$ 21.32	\$20.13					\$13.38
6731	10/08/13	10	11	22	\$4.60	\$ 21.32	\$20.19					\$11.58
6732	10/08/13	10	12	23	\$4.90	\$ 21.48	\$20.19					\$12.33
6733	10/08/13	10	13	23	\$4.46	\$ 21.48	\$20.33					\$11.23
6734	10/08/13	10	14	23	\$4.47	\$ 21.48	\$20.33					\$11.25
6735	10/08/13	10	15	25	\$4.05	\$ 22.23	\$20.59					\$10.20
6736	10/08/13	10	16	25	\$4.46	\$ 22.23	\$21.03					\$11.22
6737	10/08/13	10	17	25	\$4.77	\$ 22.23	\$21.03					\$12.00
6738	10/08/13	10	18	25	\$4.65	\$ 22.23	\$21.03					\$11.70
6739	10/08/13	10	19	26	\$5.07	\$ 22.95	\$21.75					\$12.77
6740	10/08/13	10	20	27	\$6.18	\$ 24.09	\$22.90					\$15.56
6741	10/08/13	10	21	27	\$4.10	\$ 24.09	\$22.90					\$10.32
6742	10/08/13	10	22	26	\$3.45	\$ 22.95	\$21.75					\$8.68
6743	10/08/13	10	23	24	\$2.71	\$ 21.76	\$20.59					\$6.82
6744	10/08/13	10	24	23	-\$1.10	\$ 21.48	\$20.33					-\$2.76
6745	10/09/13	10	1	22	-\$8.54	\$ 21.32	\$20.33					-\$21.49
6746	10/09/13	10	2	22	-\$8.36	\$ 21.32	\$20.19					-\$21.04
6747	10/09/13	10	3	22	-\$7.99	\$ 21.32	\$20.19					-\$20.12
6748	10/09/13	10	4	22	-\$8.08	\$ 21.32	\$20.19					-\$20.33
6749	10/09/13	10	5	22	-\$6.98	\$ 21.32	\$20.19					-\$17.57
6750	10/09/13	10	6	23	-\$4.82	\$ 21.48	\$20.33					-\$12.12
6751	10/09/13	10	7	25	\$2.57	\$ 22.23	\$21.03					\$6.48
6752	10/09/13	10	8	25	\$4.80	\$ 22.23	\$21.03					\$12.09
6753	10/09/13	10	9	26	\$5.11	\$ 22.95	\$21.03					\$12.87
6754	10/09/13	10	10	26	\$6.66	\$ 22.95	\$21.75					\$16.77
6755	10/09/13	10	11	27	\$7.35	\$ 24.09	\$21.75					\$18.51
6756	10/09/13	10	12	27	\$7.41	\$ 24.09	\$22.90					\$18.65
6757	10/09/13	10	13	27	\$7.77	\$ 24.09	\$22.90					\$19.57
6758	10/09/13	10	14	27	\$7.77	\$ 24.09	\$22.90					\$19.57
6759	10/09/13	10	15	28	\$7.68	\$ 25.89	\$22.90					\$19.33
6760	10/09/13	10	16	28	\$7.40	\$ 25.89	\$24.69					\$18.62
6761	10/09/13	10	17	27	\$6.87	\$ 24.09	\$22.90					\$17.28
6762	10/09/13	10	18	27	\$6.79	\$ 24.09	\$22.90					\$17.08
6763	10/09/13	10	19	27	\$7.77	\$ 24.09	\$22.90					\$19.56
6764	10/09/13	10	20	27	\$7.90	\$ 24.09	\$22.90					\$19.89
6765	10/09/13	10	21	27	\$5.10	\$ 24.09	\$22.90					\$12.84
6766	10/09/13	10	22	26	\$4.00	\$ 22.95	\$21.75					\$10.06
6767	10/09/13	10	23	25	\$2.36	\$ 22.23	\$21.03					\$5.94
6768	10/09/13	10	24	24	-\$1.22	\$ 21.76	\$20.59					-\$3.07
6769	10/10/13	10	1	23	-\$1.53	\$ 21.48	\$20.33					-\$3.85
6770	10/10/13	10	2	22	-\$1.99	\$ 21.32	\$20.33					-\$5.00
6771	10/10/13	10	3	22	-\$1.12	\$ 21.32	\$20.19					-\$2.81
6772	10/10/13	10	4	22	-\$0.26	\$ 21.32	\$20.33					-\$0.66
6773	10/10/13	10	5	22	\$0.34	\$ 21.32	\$20.33					\$0.86
6774	10/10/13	10	6	24	\$2.75	\$ 21.76	\$20.59					\$6.91
6775	10/10/13	10	7	25	\$5.62	\$ 22.23	\$21.03					\$14.14
6776	10/10/13	10	8	26	\$7.33	\$ 22.95	\$21.75					\$18.44

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6777	10/10/13	10	9	27	\$8.04	\$ 24.09	\$21.75					\$20.24
6778	10/10/13	10	10	27	\$9.03	\$ 24.09	\$21.75					\$22.74
6779	10/10/13	10	11	27	\$9.65	\$ 24.09	\$22.90					\$24.30
6780	10/10/13	10	12	27	\$9.77	\$ 24.09	\$22.90					\$24.59
6781	10/10/13	10	13	28	\$9.01	\$ 25.89	\$22.90					\$22.67
6782	10/10/13	10	14	28	\$8.53	\$ 25.89	\$24.69					\$21.46
6783	10/10/13	10	15	27	\$7.77	\$ 24.09	\$22.90					\$19.56
6784	10/10/13	10	16	27	\$7.53	\$ 24.09	\$22.90					\$18.96
6785	10/10/13	10	17	26	\$6.56	\$ 22.95	\$21.75					\$16.52
6786	10/10/13	10	18	26	\$6.44	\$ 22.95	\$21.75					\$16.20
6787	10/10/13	10	19	26	\$7.89	\$ 22.95	\$21.75					\$19.86
6788	10/10/13	10	20	27	\$8.06	\$ 24.09	\$22.90					\$20.29
6789	10/10/13	10	21	27	\$5.13	\$ 24.09	\$22.90					\$12.91
6790	10/10/13	10	22	26	\$4.27	\$ 22.95	\$21.75					\$10.74
6791	10/10/13	10	23	25	\$1.08	\$ 22.23	\$21.75					\$2.73
6792	10/10/13	10	24	24	-\$1.55	\$ 21.76	\$20.59					-\$3.89
6793	10/11/13	10	1	23	-\$5.28	\$ 21.48	\$20.59					-\$13.30
6794	10/11/13	10	2	23	-\$6.86	\$ 21.48	\$20.33					-\$17.26
6795	10/11/13	10	3	22	-\$6.64	\$ 21.32	\$20.33					-\$16.71
6796	10/11/13	10	4	22	-\$6.78	\$ 21.32	\$20.33					-\$17.06
6797	10/11/13	10	5	23	-\$5.94	\$ 21.48	\$20.33					-\$14.95
6798	10/11/13	10	6	24	-\$2.88	\$ 21.76	\$20.59					-\$7.25
6799	10/11/13	10	7	25	\$2.77	\$ 22.23	\$21.03					\$6.97
6800	10/11/13	10	8	26	\$3.59	\$ 22.95	\$21.75					\$9.03
6801	10/11/13	10	9	25	\$3.49	\$ 22.23	\$21.03					\$8.79
6802	10/11/13	10	10	27	\$4.46	\$ 24.09	\$22.90					\$11.23
6803	10/11/13	10	11	27	\$3.97	\$ 24.09	\$22.90					\$10.00
6804	10/11/13	10	12	28	\$4.27	\$ 25.89	\$22.90					\$10.76
6805	10/11/13	10	13	28	\$4.10	\$ 25.89	\$24.69					\$10.32
6806	10/11/13	10	14	28	\$4.35	\$ 25.89	\$24.69					\$10.94
6807	10/11/13	10	15	28	\$3.90	\$ 25.89	\$24.69					\$9.81
6808	10/11/13	10	16	28	\$4.47	\$ 25.89	\$24.69					\$11.26
6809	10/11/13	10	17	27	\$4.56	\$ 24.09	\$22.90					\$11.49
6810	10/11/13	10	18	27	\$4.31	\$ 24.09	\$22.90					\$10.84
6811	10/11/13	10	19	26	\$5.42	\$ 22.95	\$22.90					\$13.64
6812	10/11/13	10	20	27	\$5.88	\$ 24.09	\$22.90					\$14.79
6813	10/11/13	10	21	26	\$4.92	\$ 22.95	\$21.75					\$12.39
6814	10/11/13	10	22	25	\$4.64	\$ 22.23	\$21.03					\$11.69
6815	10/11/13	10	23	24	-\$0.89	\$ 21.76	\$20.59					-\$2.23
6816	10/11/13	10	24	23	-\$3.58	\$ 21.48	\$20.33					-\$9.02
6817	10/12/13	10	1	23	-\$5.82	\$ 21.48	\$20.19					-\$14.64
6818	10/12/13	10	2	22	-\$5.77	\$ 21.32	\$20.19					-\$14.52
6819	10/12/13	10	3	21	-\$3.59	\$ 21.25	\$20.13					-\$9.04
6820	10/12/13	10	4	21	-\$3.33	\$ 21.25	\$20.13					-\$8.38
6821	10/12/13	10	5	21	-\$3.30	\$ 21.25	\$20.13					-\$8.30
6822	10/12/13	10	6	22	-\$0.43	\$ 21.32	\$20.19					-\$1.08
6823	10/12/13	10	7	22	\$2.03	\$ 21.32	\$20.19					\$5.11
6824	10/12/13	10	8	23	\$4.92	\$ 21.48	\$20.33					\$12.39
6825	10/12/13	10	9	23	\$5.40	\$ 21.48	\$20.33					\$13.59
6826	10/12/13	10	10	24	\$5.67	\$ 21.76	\$20.33					\$14.26
6827	10/12/13	10	11	24	\$5.15	\$ 21.76	\$20.33					\$12.96
6828	10/12/13	10	12	24	\$4.88	\$ 21.76	\$20.59					\$12.29
6829	10/12/13	10	13	24	\$4.17	\$ 21.76	\$20.59					\$10.50
6830	10/12/13	10	14	24	\$3.96	\$ 21.76	\$20.59					\$9.97
6831	10/12/13	10	15	24	\$3.81	\$ 21.76	\$20.59					\$9.58
6832	10/12/13	10	16	24	\$4.16	\$ 21.76	\$20.59					\$10.46

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6833	10/12/13	10	17	24	\$5.24	\$ 21.76	\$20.59					\$13.19
6834	10/12/13	10	18	23	\$7.12	\$ 21.48	\$20.59					\$17.91
6835	10/12/13	10	19	23	\$11.51	\$ 21.48	\$20.59					\$28.97
6836	10/12/13	10	20	24	\$11.97	\$ 21.76	\$20.59					\$30.13
6837	10/12/13	10	21	23	\$8.94	\$ 21.48	\$20.59					\$22.50
6838	10/12/13	10	22	23	\$7.66	\$ 21.48	\$20.33					\$19.29
6839	10/12/13	10	23	22	\$6.28	\$ 21.32	\$20.19					\$15.81
6840	10/12/13	10	24	21	\$5.62	\$ 21.25	\$20.19					\$14.15
6841	10/13/13	10	1	21	\$5.23	\$ 21.25	\$20.13					\$13.16
6842	10/13/13	10	2	20	\$5.15	\$ 21.22	\$20.10					\$12.96
6843	10/13/13	10	3	20	\$5.45	\$ 21.22	\$20.10					\$13.72
6844	10/13/13	10	4	20	\$5.22	\$ 21.22	\$20.10					\$13.14
6845	10/13/13	10	5	20	\$5.48	\$ 21.22	\$20.10					\$13.80
6846	10/13/13	10	6	20	\$6.33	\$ 21.22	\$20.10					\$15.93
6847	10/13/13	10	7	20	\$7.42	\$ 21.22	\$20.10					\$18.67
6848	10/13/13	10	8	20	\$8.61	\$ 21.22	\$20.10					\$21.67
6849	10/13/13	10	9	21	\$9.98	\$ 21.25	\$20.13					\$25.12
6850	10/13/13	10	10	21	\$10.62	\$ 21.25	\$20.13					\$26.73
6851	10/13/13	10	11	22	\$11.36	\$ 21.32	\$20.19					\$28.60
6852	10/13/13	10	12	22	\$11.15	\$ 21.32	\$20.19					\$28.07
6853	10/13/13	10	13	22	\$10.62	\$ 21.32	\$20.19					\$26.72
6854	10/13/13	10	14	22	\$10.55	\$ 21.32	\$20.19					\$26.55
6855	10/13/13	10	15	21	\$10.21	\$ 21.25	\$20.19					\$25.71
6856	10/13/13	10	16	22	\$10.30	\$ 21.32	\$20.33					\$25.92
6857	10/13/13	10	17	22	\$11.16	\$ 21.32	\$20.19					\$28.09
6858	10/13/13	10	18	22	\$11.89	\$ 21.32	\$20.19					\$29.92
6859	10/13/13	10	19	23	\$14.78	\$ 21.48	\$20.59					\$37.19
6860	10/13/13	10	20	24	\$13.85	\$ 21.76	\$20.59					\$34.85
6861	10/13/13	10	21	24	\$9.57	\$ 21.76	\$20.59					\$24.09
6862	10/13/13	10	22	23	\$6.88	\$ 21.48	\$20.33					\$17.31
6863	10/13/13	10	23	21	\$4.27	\$ 21.25	\$20.19					\$10.76
6864	10/13/13	10	24	21	\$0.58	\$ 21.25	\$20.13					\$1.46
6865	10/14/13	10	1	20	-\$0.14	\$ 21.22	\$20.13					-\$0.36
6866	10/14/13	10	2	20	-\$1.62	\$ 21.22	\$20.10					-\$4.09
6867	10/14/13	10	3	20	-\$1.16	\$ 21.22	\$20.10					-\$2.91
6868	10/14/13	10	4	20	-\$1.38	\$ 21.22	\$20.13					-\$3.48
6869	10/14/13	10	5	21	-\$0.34	\$ 21.25	\$20.13					-\$0.86
6870	10/14/13	10	6	22	\$2.74	\$ 21.32	\$20.19					\$6.89
6871	10/14/13	10	7	24	\$5.38	\$ 21.76	\$20.59					\$13.54
6872	10/14/13	10	8	26	\$6.54	\$ 22.95	\$21.03					\$16.45
6873	10/14/13	10	9	26	\$7.52	\$ 22.95	\$21.03					\$18.94
6874	10/14/13	10	10	26	\$6.75	\$ 22.95	\$21.03					\$17.00
6875	10/14/13	10	11	26	\$6.44	\$ 22.95	\$21.03					\$16.21
6876	10/14/13	10	12	26	\$5.45	\$ 22.95	\$21.03					\$13.73
6877	10/14/13	10	13	25	\$4.54	\$ 22.23	\$20.59					\$11.43
6878	10/14/13	10	14	25	\$4.25	\$ 22.23	\$20.59					\$10.70
6879	10/14/13	10	15	25	\$3.84	\$ 22.23	\$20.59					\$9.67
6880	10/14/13	10	16	24	\$3.86	\$ 21.76	\$20.33					\$9.72
6881	10/14/13	10	17	24	\$3.64	\$ 21.76	\$20.33					\$9.17
6882	10/14/13	10	18	25	\$3.77	\$ 22.23	\$20.59					\$9.50
6883	10/14/13	10	19	26	\$4.58	\$ 22.95	\$21.03					\$11.53
6884	10/14/13	10	20	27	\$4.99	\$ 24.09	\$21.75					\$12.56
6885	10/14/13	10	21	26	\$3.13	\$ 22.95	\$21.03					\$7.87
6886	10/14/13	10	22	25	\$0.54	\$ 22.23	\$21.03					\$1.36
6887	10/14/13	10	23	24	-\$0.61	\$ 21.76	\$20.59					-\$1.54
6888	10/14/13	10	24	23	-\$5.00	\$ 21.48	\$20.33					-\$12.58

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6889	10/15/13	10	1	22	-\$5.33	\$ 21.32	\$20.19					-\$13.42
6890	10/15/13	10	2	22	-\$5.92	\$ 21.32	\$20.19					-\$14.90
6891	10/15/13	10	3	22	-\$4.88	\$ 21.32	\$20.19					-\$12.28
6892	10/15/13	10	4	22	-\$3.62	\$ 21.32	\$20.19					-\$9.12
6893	10/15/13	10	5	22	-\$2.77	\$ 21.32	\$20.19					-\$6.97
6894	10/15/13	10	6	23	-\$0.76	\$ 21.48	\$20.33					-\$1.91
6895	10/15/13	10	7	25	\$3.12	\$ 22.23	\$20.59					\$7.86
6896	10/15/13	10	8	26	\$5.98	\$ 22.95	\$21.03					\$15.05
6897	10/15/13	10	9	26	\$7.29	\$ 22.95	\$21.03					\$18.36
6898	10/15/13	10	10	24	\$6.87	\$ 21.76	\$20.33					\$17.30
6899	10/15/13	10	11	25	\$6.52	\$ 22.23	\$20.59					\$16.41
6900	10/15/13	10	12	26	\$6.25	\$ 22.95	\$21.03					\$15.73
6901	10/15/13	10	13	26	\$5.30	\$ 22.95	\$21.03					\$13.35
6902	10/15/13	10	14	26	\$5.15	\$ 22.95	\$21.03					\$12.96
6903	10/15/13	10	15	25	\$4.61	\$ 22.23	\$21.03					\$11.61
6904	10/15/13	10	16	25	\$4.48	\$ 22.23	\$21.03					\$11.27
6905	10/15/13	10	17	26	\$4.25	\$ 22.95	\$21.03					\$10.69
6906	10/15/13	10	18	25	\$4.35	\$ 22.23	\$21.03					\$10.96
6907	10/15/13	10	19	26	\$6.21	\$ 22.95	\$21.03					\$15.62
6908	10/15/13	10	20	26	\$7.21	\$ 22.95	\$21.75					\$18.16
6909	10/15/13	10	21	26	\$5.23	\$ 22.95	\$21.75					\$13.16
6910	10/15/13	10	22	25	\$3.81	\$ 22.23	\$21.03					\$9.58
6911	10/15/13	10	23	24	\$2.04	\$ 21.76	\$20.33					\$5.14
6912	10/15/13	10	24	23	-\$0.53	\$ 21.48	\$20.19					-\$1.33
6913	10/16/13	10	1	22	-\$1.51	\$ 21.32	\$20.19					-\$3.79
6914	10/16/13	10	2	22	-\$1.86	\$ 21.32	\$20.19					-\$4.67
6915	10/16/13	10	3	22	-\$1.75	\$ 21.32	\$20.19					-\$4.41
6916	10/16/13	10	4	22	-\$2.02	\$ 21.32	\$20.19					-\$5.08
6917	10/16/13	10	5	22	-\$1.67	\$ 21.32	\$20.19					-\$4.20
6918	10/16/13	10	6	23	\$2.32	\$ 21.48	\$20.33					\$5.84
6919	10/16/13	10	7	25	\$7.35	\$ 22.23	\$21.03					\$18.50
6920	10/16/13	10	8	26	\$9.84	\$ 22.95	\$21.75					\$24.76
6921	10/16/13	10	9	26	\$11.22	\$ 22.95	\$21.03					\$28.25
6922	10/16/13	10	10	26	\$12.52	\$ 22.95	\$21.03					\$31.52
6923	10/16/13	10	11	26	\$13.48	\$ 22.95	\$21.03					\$33.94
6924	10/16/13	10	12	26	\$14.19	\$ 22.95	\$21.03					\$35.71
6925	10/16/13	10	13	26	\$13.90	\$ 22.95	\$21.03					\$34.98
6926	10/16/13	10	14	26	\$13.46	\$ 22.95	\$21.03					\$33.87
6927	10/16/13	10	15	26	\$12.35	\$ 22.95	\$21.03					\$31.08
6928	10/16/13	10	16	25	\$11.59	\$ 22.23	\$21.03					\$29.18
6929	10/16/13	10	17	25	\$11.17	\$ 22.23	\$21.03					\$28.11
6930	10/16/13	10	18	25	\$12.55	\$ 22.23	\$21.03					\$31.60
6931	10/16/13	10	19	26	\$16.34	\$ 22.95	\$21.75					\$41.12
6932	10/16/13	10	20	27	\$15.75	\$ 24.09	\$21.75					\$39.65
6933	10/16/13	10	21	26	\$13.00	\$ 22.95	\$21.03					\$32.71
6934	10/16/13	10	22	25	\$11.06	\$ 22.23	\$21.03					\$27.84
6935	10/16/13	10	23	24	\$8.49	\$ 21.76	\$20.59					\$21.38
6936	10/16/13	10	24	23	\$7.58	\$ 21.48	\$20.33					\$19.09
6937	10/17/13	10	1	23	\$7.68	\$ 21.48	\$20.33					\$19.33
6938	10/17/13	10	2	22	\$7.48	\$ 21.32	\$20.19					\$18.83
6939	10/17/13	10	3	22	\$7.38	\$ 21.32	\$20.19					\$18.57
6940	10/17/13	10	4	22	\$7.39	\$ 21.32	\$20.19					\$18.61
6941	10/17/13	10	5	23	\$7.62	\$ 21.48	\$20.33					\$19.18
6942	10/17/13	10	6	24	\$11.34	\$ 21.76	\$20.33					\$28.54
6943	10/17/13	10	7	25	\$15.33	\$ 22.23	\$21.03					\$38.58
6944	10/17/13	10	8	27	\$15.10	\$ 24.09	\$22.90					\$38.01

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
6945	10/17/13	10	9	27	\$15.72	\$ 24.09	\$21.75					\$39.56
6946	10/17/13	10	10	26	\$15.84	\$ 22.95	\$21.75					\$39.86
6947	10/17/13	10	11	26	\$15.72	\$ 22.95	\$21.03					\$39.58
6948	10/17/13	10	12	26	\$15.08	\$ 22.95	\$21.03					\$37.97
6949	10/17/13	10	13	26	\$14.99	\$ 22.95	\$21.03					\$37.72
6950	10/17/13	10	14	26	\$13.47	\$ 22.95	\$21.75					\$33.91
6951	10/17/13	10	15	26	\$11.86	\$ 22.95	\$21.03					\$29.85
6952	10/17/13	10	16	26	\$10.91	\$ 22.95	\$21.03					\$27.46
6953	10/17/13	10	17	26	\$10.47	\$ 22.95	\$21.03					\$26.36
6954	10/17/13	10	18	25	\$11.52	\$ 22.23	\$21.03					\$29.00
6955	10/17/13	10	19	26	\$14.18	\$ 22.95	\$21.03					\$35.70
6956	10/17/13	10	20	26	\$13.13	\$ 22.95	\$21.75					\$33.04
6957	10/17/13	10	21	26	\$11.67	\$ 22.95	\$21.03					\$29.37
6958	10/17/13	10	22	25	\$9.25	\$ 22.23	\$21.03					\$23.28
6959	10/17/13	10	23	24	\$6.25	\$ 21.76	\$20.33					\$15.73
6960	10/17/13	10	24	22	\$5.90	\$ 21.32	\$20.19					\$14.84
6961	10/18/13	10	1	22	\$0.82	\$ 21.32	\$20.19					\$2.06
6962	10/18/13	10	2	22	\$0.97	\$ 21.32	\$20.13					\$2.43
6963	10/18/13	10	3	21	\$1.03	\$ 21.25	\$20.13					\$2.60
6964	10/18/13	10	4	21	\$2.17	\$ 21.25	\$20.13					\$5.47
6965	10/18/13	10	5	22	\$3.00	\$ 21.32	\$20.19					\$7.56
6966	10/18/13	10	6	23	\$7.71	\$ 21.48	\$20.33					\$19.40
6967	10/18/13	10	7	25	\$13.42	\$ 22.23	\$20.59					\$33.79
6968	10/18/13	10	8	27	\$14.47	\$ 24.09	\$21.75					\$36.43
6969	10/18/13	10	9	26	\$13.59	\$ 22.95	\$21.03					\$34.21
6970	10/18/13	10	10	26	\$14.91	\$ 22.95	\$21.03					\$37.53
6971	10/18/13	10	11	26	\$14.47	\$ 22.95	\$21.75					\$36.43
6972	10/18/13	10	12	27	\$14.27	\$ 24.09	\$21.75					\$35.93
6973	10/18/13	10	13	26	\$13.56	\$ 22.95	\$21.75					\$34.14
6974	10/18/13	10	14	26	\$12.70	\$ 22.95	\$21.75					\$31.97
6975	10/18/13	10	15	26	\$11.04	\$ 22.95	\$21.75					\$27.80
6976	10/18/13	10	16	26	\$10.31	\$ 22.95	\$21.03					\$25.94
6977	10/18/13	10	17	26	\$8.79	\$ 22.95	\$21.03					\$22.12
6978	10/18/13	10	18	25	\$9.27	\$ 22.23	\$21.03					\$23.33
6979	10/18/13	10	19	26	\$11.74	\$ 22.95	\$21.75					\$29.54
6980	10/18/13	10	20	26	\$11.42	\$ 22.95	\$21.75					\$28.75
6981	10/18/13	10	21	26	\$10.36	\$ 22.95	\$21.75					\$26.07
6982	10/18/13	10	22	25	\$8.39	\$ 22.23	\$21.03					\$21.13
6983	10/18/13	10	23	24	\$5.89	\$ 21.76	\$20.59					\$14.83
6984	10/18/13	10	24	23	\$5.22	\$ 21.48	\$20.33					\$13.15
6985	10/19/13	10	1	23	\$6.19	\$ 21.48	\$20.33					\$15.59
6986	10/19/13	10	2	23	\$5.46	\$ 21.48	\$20.33					\$13.75
6987	10/19/13	10	3	22	\$5.12	\$ 21.32	\$20.19					\$12.90
6988	10/19/13	10	4	22	\$4.82	\$ 21.32	\$20.19					\$12.12
6989	10/19/13	10	5	23	\$5.01	\$ 21.48	\$20.19					\$12.60
6990	10/19/13	10	6	23	\$6.09	\$ 21.48	\$20.33					\$15.33
6991	10/19/13	10	7	24	\$7.76	\$ 21.76	\$20.33					\$19.54
6992	10/19/13	10	8	24	\$9.99	\$ 21.76	\$20.59					\$25.14
6993	10/19/13	10	9	25	\$11.95	\$ 22.23	\$21.03					\$30.09
6994	10/19/13	10	10	24	\$11.54	\$ 21.76	\$20.59					\$29.05
6995	10/19/13	10	11	24	\$11.80	\$ 21.76	\$20.59					\$29.71
6996	10/19/13	10	12	24	\$9.73	\$ 21.76	\$20.59					\$24.50
6997	10/19/13	10	13	24	\$8.55	\$ 21.76	\$20.59					\$21.51
6998	10/19/13	10	14	24	\$7.29	\$ 21.76	\$20.59					\$18.35
6999	10/19/13	10	15	24	\$6.24	\$ 21.76	\$20.59					\$15.70
7000	10/19/13	10	16	24	\$6.39	\$ 21.76	\$20.59					\$16.09

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7001	10/19/13	10	17	24	\$6.75	\$ 21.76	\$20.59					\$17.00
7002	10/19/13	10	18	23	\$9.34	\$ 21.48	\$20.59					\$23.52
7003	10/19/13	10	19	24	\$14.31	\$ 21.76	\$20.59					\$36.02
7004	10/19/13	10	20	25	\$13.97	\$ 22.23	\$21.03					\$35.17
7005	10/19/13	10	21	24	\$11.95	\$ 21.76	\$20.59					\$30.08
7006	10/19/13	10	22	24	\$10.12	\$ 21.76	\$20.59					\$25.48
7007	10/19/13	10	23	23	\$8.95	\$ 21.48	\$20.33					\$22.54
7008	10/19/13	10	24	22	\$7.59	\$ 21.32	\$20.33					\$19.11
7009	10/20/13	10	1	22	\$7.54	\$ 21.32	\$20.19					\$18.99
7010	10/20/13	10	2	21	\$7.39	\$ 21.25	\$20.19					\$18.60
7011	10/20/13	10	3	21	\$7.26	\$ 21.25	\$20.13					\$18.27
7012	10/20/13	10	4	21	\$6.48	\$ 21.25	\$20.13					\$16.32
7013	10/20/13	10	5	22	\$5.96	\$ 21.32	\$20.19					\$15.01
7014	10/20/13	10	6	22	\$5.82	\$ 21.32	\$20.19					\$14.66
7015	10/20/13	10	7	22	\$5.92	\$ 21.32	\$20.19					\$14.90
7016	10/20/13	10	8	23	\$6.67	\$ 21.48	\$20.33					\$16.80
7017	10/20/13	10	9	23	\$6.76	\$ 21.48	\$20.33					\$17.02
7018	10/20/13	10	10	23	\$7.05	\$ 21.48	\$20.33					\$17.74
7019	10/20/13	10	11	23	\$6.54	\$ 21.48	\$20.33					\$16.45
7020	10/20/13	10	12	23	\$6.13	\$ 21.48	\$20.33					\$15.43
7021	10/20/13	10	13	23	\$5.80	\$ 21.48	\$20.33					\$14.60
7022	10/20/13	10	14	23	\$4.56	\$ 21.48	\$20.33					\$11.47
7023	10/20/13	10	15	22	\$3.12	\$ 21.32	\$20.33					\$7.86
7024	10/20/13	10	16	22	\$3.01	\$ 21.32	\$20.33					\$7.57
7025	10/20/13	10	17	22	\$2.76	\$ 21.32	\$20.19					\$6.94
7026	10/20/13	10	18	23	\$3.74	\$ 21.48	\$20.33					\$9.42
7027	10/20/13	10	19	23	\$5.39	\$ 21.48	\$20.33					\$13.57
7028	10/20/13	10	20	24	\$5.02	\$ 21.76	\$20.59					\$12.64
7029	10/20/13	10	21	23	\$4.45	\$ 21.48	\$20.33					\$11.19
7030	10/20/13	10	22	23	\$1.88	\$ 21.48	\$20.33					\$4.72
7031	10/20/13	10	23	22	-\$0.82	\$ 21.32	\$20.19					-\$2.06
7032	10/20/13	10	24	21	-\$1.85	\$ 21.25	\$20.13					-\$4.65
7033	10/21/13	10	1	21	-\$2.05	\$ 21.25	\$20.13					-\$5.16
7034	10/21/13	10	2	21	-\$1.82	\$ 21.25	\$20.13					-\$4.58
7035	10/21/13	10	3	21	-\$1.14	\$ 21.25	\$20.13					-\$2.87
7036	10/21/13	10	4	21	\$0.33	\$ 21.25	\$20.13					\$0.82
7037	10/21/13	10	5	21	\$1.48	\$ 21.25	\$20.13					\$3.73
7038	10/21/13	10	6	23	\$5.61	\$ 21.48	\$20.33					\$14.13
7039	10/21/13	10	7	25	\$10.93	\$ 22.23	\$20.59					\$27.50
7040	10/21/13	10	8	26	\$14.57	\$ 22.95	\$21.75					\$36.68
7041	10/21/13	10	9	26	\$15.07	\$ 22.95	\$21.03					\$37.94
7042	10/21/13	10	10	26	\$14.18	\$ 22.95	\$21.75					\$35.70
7043	10/21/13	10	11	26	\$12.61	\$ 22.95	\$21.03					\$31.74
7044	10/21/13	10	12	26	\$10.19	\$ 22.95	\$21.75					\$25.65
7045	10/21/13	10	13	26	\$8.92	\$ 22.95	\$21.75					\$22.45
7046	10/21/13	10	14	26	\$7.86	\$ 22.95	\$21.75					\$19.79
7047	10/21/13	10	15	26	\$6.81	\$ 22.95	\$21.03					\$17.14
7048	10/21/13	10	16	26	\$6.75	\$ 22.95	\$21.03					\$16.98
7049	10/21/13	10	17	26	\$7.38	\$ 22.95	\$21.03					\$18.57
7050	10/21/13	10	18	26	\$9.61	\$ 22.95	\$21.03					\$24.20
7051	10/21/13	10	19	27	\$18.29	\$ 24.09	\$21.75					\$46.03
7052	10/21/13	10	20	27	\$18.01	\$ 24.09	\$22.90					\$45.32
7053	10/21/13	10	21	27	\$15.00	\$ 24.09	\$21.75					\$37.75
7054	10/21/13	10	22	26	\$12.30	\$ 22.95	\$21.03					\$30.95
7055	10/21/13	10	23	25	\$9.14	\$ 22.23	\$20.59					\$23.00
7056	10/21/13	10	24	24	\$8.34	\$ 21.76	\$20.33					\$20.99

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7057	10/22/13	10	1	23	\$7.78	\$ 21.48	\$20.19					\$19.58
7058	10/22/13	10	2	22	\$7.33	\$ 21.32	\$20.19					\$18.44
7059	10/22/13	10	3	21	\$7.57	\$ 21.25	\$20.13					\$19.05
7060	10/22/13	10	4	21	\$7.45	\$ 21.25	\$20.10					\$18.75
7061	10/22/13	10	5	21	\$7.74	\$ 21.25	\$20.13					\$19.48
7062	10/22/13	10	6	23	\$9.83	\$ 21.48	\$20.19					\$24.74
7063	10/22/13	10	7	24	\$16.90	\$ 21.76	\$20.33					\$42.55
7064	10/22/13	10	8	24	\$18.12	\$ 21.76	\$20.33					\$45.61
7065	10/22/13	10	9	23	\$16.93	\$ 21.48	\$20.19					\$42.62
7066	10/22/13	10	10	23	\$16.76	\$ 21.48	\$20.19					\$42.18
7067	10/22/13	10	11	23	\$16.01	\$ 21.48	\$20.19					\$40.31
7068	10/22/13	10	12	23	\$14.54	\$ 21.48	\$20.19					\$36.59
7069	10/22/13	10	13	23	\$13.15	\$ 21.48	\$20.19					\$33.10
7070	10/22/13	10	14	23	\$11.69	\$ 21.48	\$20.19					\$29.43
7071	10/22/13	10	15	23	\$10.60	\$ 21.48	\$20.19					\$26.67
7072	10/22/13	10	16	23	\$10.26	\$ 21.48	\$20.19					\$25.82
7073	10/22/13	10	17	23	\$10.27	\$ 21.48	\$20.19					\$25.84
7074	10/22/13	10	18	25	\$12.72	\$ 22.23	\$20.59					\$32.02
7075	10/22/13	10	19	25	\$19.02	\$ 22.23	\$20.59					\$47.87
7076	10/22/13	10	20	26	\$16.67	\$ 22.95	\$21.75					\$41.95
7077	10/22/13	10	21	26	\$14.10	\$ 22.95	\$21.75					\$35.50
7078	10/22/13	10	22	25	\$10.95	\$ 22.23	\$21.03					\$27.57
7079	10/22/13	10	23	24	\$8.78	\$ 21.76	\$20.59					\$22.11
7080	10/22/13	10	24	23	\$8.14	\$ 21.48	\$20.33					\$20.49
7081	10/23/13	10	1	23	\$7.58	\$ 21.48	\$20.19					\$19.07
7082	10/23/13	10	2	23	\$7.59	\$ 21.48	\$20.19					\$19.10
7083	10/23/13	10	3	22	\$7.58	\$ 21.32	\$20.19					\$19.07
7084	10/23/13	10	4	23	\$7.16	\$ 21.48	\$20.19					\$18.01
7085	10/23/13	10	5	23	\$7.74	\$ 21.48	\$20.33					\$19.47
7086	10/23/13	10	6	24	\$9.44	\$ 21.76	\$20.59					\$23.77
7087	10/23/13	10	7	26	\$13.96	\$ 22.95	\$21.03					\$35.15
7088	10/23/13	10	8	27	\$19.15	\$ 24.09	\$22.90					\$48.19
7089	10/23/13	10	9	27	\$16.94	\$ 24.09	\$22.90					\$42.63
7090	10/23/13	10	10	28	\$17.39	\$ 25.89	\$22.90					\$43.76
7091	10/23/13	10	11	28	\$15.96	\$ 25.89	\$22.90					\$40.18
7092	10/23/13	10	12	27	\$15.47	\$ 24.09	\$22.90					\$38.95
7093	10/23/13	10	13	27	\$14.14	\$ 24.09	\$21.75					\$35.59
7094	10/23/13	10	14	27	\$12.87	\$ 24.09	\$21.75					\$32.40
7095	10/23/13	10	15	26	\$10.94	\$ 22.95	\$21.75					\$27.53
7096	10/23/13	10	16	27	\$10.33	\$ 24.09	\$21.75					\$26.01
7097	10/23/13	10	17	26	\$11.15	\$ 22.95	\$21.75					\$28.07
7098	10/23/13	10	18	26	\$11.50	\$ 22.95	\$21.75					\$28.95
7099	10/23/13	10	19	27	\$14.57	\$ 24.09	\$21.75					\$36.67
7100	10/23/13	10	20	27	\$12.03	\$ 24.09	\$21.75					\$30.27
7101	10/23/13	10	21	27	\$10.91	\$ 24.09	\$21.75					\$27.45
7102	10/23/13	10	22	25	\$8.93	\$ 22.23	\$21.03					\$22.47
7103	10/23/13	10	23	24	\$7.22	\$ 21.76	\$20.59					\$18.18
7104	10/23/13	10	24	24	\$6.21	\$ 21.76	\$20.33					\$15.62
7105	10/24/13	10	1	23	\$4.32	\$ 21.48	\$20.33					\$10.88
7106	10/24/13	10	2	23	\$4.17	\$ 21.48	\$20.33					\$10.50
7107	10/24/13	10	3	23	\$3.81	\$ 21.48	\$20.19					\$9.59
7108	10/24/13	10	4	23	\$3.69	\$ 21.48	\$20.19					\$9.29
7109	10/24/13	10	5	23	\$4.88	\$ 21.48	\$20.33					\$12.28
7110	10/24/13	10	6	25	\$7.33	\$ 22.23	\$20.59					\$18.45
7111	10/24/13	10	7	27	\$10.97	\$ 24.09	\$21.75					\$27.60
7112	10/24/13	10	8	28	\$15.34	\$ 25.89	\$22.90					\$38.61

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7113	10/24/13	10	9	27	\$12.11	\$ 24.09	\$22.90					\$30.47
7114	10/24/13	10	10	27	\$11.85	\$ 24.09	\$21.75					\$29.83
7115	10/24/13	10	11	27	\$12.22	\$ 24.09	\$21.75					\$30.77
7116	10/24/13	10	12	27	\$11.50	\$ 24.09	\$21.75					\$28.95
7117	10/24/13	10	13	27	\$9.74	\$ 24.09	\$21.75					\$24.52
7118	10/24/13	10	14	27	\$9.30	\$ 24.09	\$21.75					\$23.41
7119	10/24/13	10	15	27	\$9.11	\$ 24.09	\$21.75					\$22.93
7120	10/24/13	10	16	27	\$8.30	\$ 24.09	\$21.75					\$20.89
7121	10/24/13	10	17	26	\$9.92	\$ 22.95	\$21.03					\$24.98
7122	10/24/13	10	18	26	\$11.46	\$ 22.95	\$21.03					\$28.85
7123	10/24/13	10	19	27	\$16.93	\$ 24.09	\$21.75					\$42.61
7124	10/24/13	10	20	28	\$16.38	\$ 25.89	\$22.90					\$41.22
7125	10/24/13	10	21	28	\$13.76	\$ 25.89	\$22.90					\$34.64
7126	10/24/13	10	22	27	\$12.34	\$ 24.09	\$21.75					\$31.07
7127	10/24/13	10	23	25	\$9.09	\$ 22.23	\$21.03					\$22.89
7128	10/24/13	10	24	24	\$8.13	\$ 21.76	\$20.59					\$20.46
7129	10/25/13	10	1	24	\$6.83	\$ 21.76	\$20.59					\$17.20
7130	10/25/13	10	2	24	\$7.04	\$ 21.76	\$20.33					\$17.73
7131	10/25/13	10	3	23	\$6.87	\$ 21.48	\$20.33					\$17.29
7132	10/25/13	10	4	23	\$6.25	\$ 21.48	\$20.33					\$15.74
7133	10/25/13	10	5	24	\$5.19	\$ 21.76	\$20.59					\$13.07
7134	10/25/13	10	6	25	\$7.88	\$ 22.23	\$21.03					\$19.83
7135	10/25/13	10	7	27	\$10.74	\$ 24.09	\$21.75					\$27.03
7136	10/25/13	10	8	28	\$15.35	\$ 25.89	\$24.69					\$38.64
7137	10/25/13	10	9	28	\$10.88	\$ 25.89	\$22.90					\$27.39
7138	10/25/13	10	10	28	\$9.71	\$ 25.89	\$22.90					\$24.44
7139	10/25/13	10	11	27	\$8.29	\$ 24.09	\$22.90					\$20.86
7140	10/25/13	10	12	27	\$7.00	\$ 24.09	\$21.75					\$17.61
7141	10/25/13	10	13	27	\$4.39	\$ 24.09	\$21.75					\$11.04
7142	10/25/13	10	14	27	\$3.97	\$ 24.09	\$21.75					\$10.00
7143	10/25/13	10	15	26	\$3.29	\$ 22.95	\$21.75					\$8.29
7144	10/25/13	10	16	26	\$2.82	\$ 22.95	\$21.03					\$7.09
7145	10/25/13	10	17	26	\$2.76	\$ 22.95	\$21.75					\$6.95
7146	10/25/13	10	18	26	\$3.44	\$ 22.95	\$21.03					\$8.66
7147	10/25/13	10	19	26	\$4.05	\$ 22.95	\$21.75					\$10.20
7148	10/25/13	10	20	26	\$3.83	\$ 22.95	\$21.75					\$9.63
7149	10/25/13	10	21	26	\$2.80	\$ 22.95	\$21.75					\$7.04
7150	10/25/13	10	22	26	\$1.42	\$ 22.95	\$21.03					\$3.57
7151	10/25/13	10	23	24	-\$3.14	\$ 21.76	\$20.59					-\$7.91
7152	10/25/13	10	24	24	-\$4.99	\$ 21.76	\$20.33					-\$12.57
7153	10/26/13	10	1	23	-\$2.60	\$ 21.48	\$20.33					-\$6.55
7154	10/26/13	10	2	23	-\$2.41	\$ 21.48	\$20.33					-\$6.06
7155	10/26/13	10	3	22	-\$2.30	\$ 21.32	\$20.19					-\$5.79
7156	10/26/13	10	4	22	-\$1.90	\$ 21.32	\$20.19					-\$4.79
7157	10/26/13	10	5	22	-\$1.01	\$ 21.32	\$20.19					-\$2.55
7158	10/26/13	10	6	23	\$0.17	\$ 21.48	\$20.33					\$0.44
7159	10/26/13	10	7	24	\$4.34	\$ 21.76	\$20.33					\$10.93
7160	10/26/13	10	8	24	\$5.61	\$ 21.76	\$20.59					\$14.11
7161	10/26/13	10	9	24	\$5.43	\$ 21.76	\$20.59					\$13.66
7162	10/26/13	10	10	25	\$6.19	\$ 22.23	\$20.59					\$15.59
7163	10/26/13	10	11	24	\$6.14	\$ 21.76	\$20.59					\$15.45
7164	10/26/13	10	12	24	\$6.30	\$ 21.76	\$20.59					\$15.86
7165	10/26/13	10	13	24	\$6.15	\$ 21.76	\$20.33					\$15.47
7166	10/26/13	10	14	23	\$6.87	\$ 21.48	\$20.33					\$17.30
7167	10/26/13	10	15	23	\$6.39	\$ 21.48	\$20.33					\$16.09
7168	10/26/13	10	16	23	\$6.97	\$ 21.48	\$20.33					\$17.55

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7169	10/26/13	10	17	23	\$8.72	\$ 21.48	\$20.33					\$21.94
7170	10/26/13	10	18	23	\$11.59	\$ 21.48	\$20.33					\$29.18
7171	10/26/13	10	19	24	\$15.41	\$ 21.76	\$20.59					\$38.80
7172	10/26/13	10	20	24	\$13.12	\$ 21.76	\$20.59					\$33.02
7173	10/26/13	10	21	24	\$12.84	\$ 21.76	\$20.59					\$32.31
7174	10/26/13	10	22	24	\$11.43	\$ 21.76	\$20.59					\$28.76
7175	10/26/13	10	23	23	\$10.65	\$ 21.48	\$20.33					\$26.80
7176	10/26/13	10	24	23	\$9.34	\$ 21.48	\$20.33					\$23.52
7177	10/27/13	10	1	22	\$8.21	\$ 21.32	\$20.19					\$20.67
7178	10/27/13	10	2	22	\$8.05	\$ 21.32	\$20.19					\$20.27
7179	10/27/13	10	3	22	\$7.16	\$ 21.32	\$20.19					\$18.01
7180	10/27/13	10	4	22	\$6.27	\$ 21.32	\$20.19					\$15.79
7181	10/27/13	10	5	22	\$4.80	\$ 21.32	\$20.19					\$12.08
7182	10/27/13	10	6	22	\$6.23	\$ 21.32	\$20.19					\$15.68
7183	10/27/13	10	7	23	\$6.67	\$ 21.48	\$20.33					\$16.80
7184	10/27/13	10	8	23	\$7.79	\$ 21.48	\$20.33					\$19.62
7185	10/27/13	10	9	23	\$8.22	\$ 21.48	\$20.33					\$20.69
7186	10/27/13	10	10	23	\$8.59	\$ 21.48	\$20.33					\$21.61
7187	10/27/13	10	11	23	\$8.00	\$ 21.48	\$20.33					\$20.13
7188	10/27/13	10	12	23	\$7.45	\$ 21.48	\$20.33					\$18.75
7189	10/27/13	10	13	23	\$7.37	\$ 21.48	\$20.33					\$18.54
7190	10/27/13	10	14	23	\$7.24	\$ 21.48	\$20.33					\$18.22
7191	10/27/13	10	15	22	\$7.23	\$ 21.32	\$20.33					\$18.21
7192	10/27/13	10	16	22	\$7.36	\$ 21.32	\$20.33					\$18.52
7193	10/27/13	10	17	23	\$7.66	\$ 21.48	\$20.33					\$19.28
7194	10/27/13	10	18	23	\$10.50	\$ 21.48	\$20.33					\$26.43
7195	10/27/13	10	19	24	\$14.36	\$ 21.76	\$20.59					\$36.15
7196	10/27/13	10	20	24	\$11.80	\$ 21.76	\$20.59					\$29.71
7197	10/27/13	10	21	24	\$11.28	\$ 21.76	\$20.59					\$28.40
7198	10/27/13	10	22	23	\$8.64	\$ 21.48	\$20.33					\$21.74
7199	10/27/13	10	23	22	\$2.59	\$ 21.32	\$20.19					\$6.51
7200	10/27/13	10	24	21	\$1.06	\$ 21.25	\$20.13					\$2.67
7201	10/28/13	10	1	21	\$3.09	\$ 21.25	\$20.13					\$7.79
7202	10/28/13	10	2	21	\$0.63	\$ 21.25	\$20.10					\$1.59
7203	10/28/13	10	3	21	\$2.15	\$ 21.25	\$20.13					\$5.40
7204	10/28/13	10	4	21	-\$0.77	\$ 21.25	\$20.13					-\$1.94
7205	10/28/13	10	5	22	\$0.04	\$ 21.32	\$20.19					\$0.11
7206	10/28/13	10	6	23	\$2.94	\$ 21.48	\$20.33					\$7.41
7207	10/28/13	10	7	25	\$6.51	\$ 22.23	\$21.03					\$16.38
7208	10/28/13	10	8	27	\$10.84	\$ 24.09	\$21.75					\$27.29
7209	10/28/13	10	9	27	\$9.82	\$ 24.09	\$21.75					\$24.72
7210	10/28/13	10	10	27	\$10.36	\$ 24.09	\$21.75					\$26.08
7211	10/28/13	10	11	27	\$9.69	\$ 24.09	\$21.75					\$24.38
7212	10/28/13	10	12	27	\$9.42	\$ 24.09	\$21.75					\$23.71
7213	10/28/13	10	13	27	\$9.51	\$ 24.09	\$21.75					\$23.93
7214	10/28/13	10	14	27	\$9.27	\$ 24.09	\$21.75					\$23.33
7215	10/28/13	10	15	26	\$8.59	\$ 22.95	\$21.75					\$21.63
7216	10/28/13	10	16	26	\$8.91	\$ 22.95	\$21.03					\$22.43
7217	10/28/13	10	17	26	\$8.24	\$ 22.95	\$21.03					\$20.74
7218	10/28/13	10	18	26	\$12.14	\$ 22.95	\$21.75					\$30.56
7219	10/28/13	10	19	27	\$15.62	\$ 24.09	\$22.90					\$39.31
7220	10/28/13	10	20	27	\$12.64	\$ 24.09	\$22.90					\$31.82
7221	10/28/13	10	21	26	\$10.86	\$ 22.95	\$21.75					\$27.34
7222	10/28/13	10	22	25	\$8.19	\$ 22.23	\$21.03					\$20.61
7223	10/28/13	10	23	24	\$6.36	\$ 21.76	\$20.59					\$16.01
7224	10/28/13	10	24	24	\$6.20	\$ 21.76	\$20.33					\$15.60

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7225	10/29/13	10	1	23	\$4.64	\$ 21.48	\$20.33					\$11.68
7226	10/29/13	10	2	23	\$5.56	\$ 21.48	\$20.19					\$14.00
7227	10/29/13	10	3	22	\$5.14	\$ 21.32	\$20.19					\$12.93
7228	10/29/13	10	4	22	\$4.94	\$ 21.32	\$20.19					\$12.44
7229	10/29/13	10	5	23	\$5.12	\$ 21.48	\$20.33					\$12.88
7230	10/29/13	10	6	24	\$6.87	\$ 21.76	\$20.59					\$17.29
7231	10/29/13	10	7	24	\$13.90	\$ 21.76	\$20.59					\$34.99
7232	10/29/13	10	8	26	\$15.08	\$ 22.95	\$21.75					\$37.96
7233	10/29/13	10	9	26	\$13.63	\$ 22.95	\$21.03					\$34.30
7234	10/29/13	10	10	26	\$13.45	\$ 22.95	\$21.03					\$33.85
7235	10/29/13	10	11	26	\$13.12	\$ 22.95	\$21.03					\$33.02
7236	10/29/13	10	12	26	\$12.49	\$ 22.95	\$21.03					\$31.43
7237	10/29/13	10	13	25	\$11.42	\$ 22.23	\$20.59					\$28.74
7238	10/29/13	10	14	25	\$10.91	\$ 22.23	\$21.03					\$27.47
7239	10/29/13	10	15	25	\$10.49	\$ 22.23	\$20.59					\$26.40
7240	10/29/13	10	16	25	\$10.48	\$ 22.23	\$21.03					\$26.38
7241	10/29/13	10	17	26	\$10.52	\$ 22.95	\$21.03					\$26.49
7242	10/29/13	10	18	26	\$13.59	\$ 22.95	\$21.75					\$34.21
7243	10/29/13	10	19	27	\$16.55	\$ 24.09	\$21.75					\$41.65
7244	10/29/13	10	20	27	\$14.60	\$ 24.09	\$22.90					\$36.76
7245	10/29/13	10	21	26	\$13.03	\$ 22.95	\$21.75					\$32.80
7246	10/29/13	10	22	25	\$10.79	\$ 22.23	\$21.03					\$27.15
7247	10/29/13	10	23	24	\$9.31	\$ 21.76	\$20.59					\$23.43
7248	10/29/13	10	24	23	\$8.45	\$ 21.48	\$20.33					\$21.26
7249	10/30/13	10	1	23	\$8.52	\$ 21.48	\$20.19					\$21.45
7250	10/30/13	10	2	22	\$8.20	\$ 21.32	\$20.19					\$20.65
7251	10/30/13	10	3	22	\$8.02	\$ 21.32	\$20.19					\$20.18
7252	10/30/13	10	4	22	\$7.95	\$ 21.32	\$20.19					\$20.02
7253	10/30/13	10	5	22	\$8.22	\$ 21.32	\$20.19					\$20.70
7254	10/30/13	10	6	23	\$10.68	\$ 21.48	\$20.33					\$26.88
7255	10/30/13	10	7	25	\$15.93	\$ 22.23	\$20.59					\$40.10
7256	10/30/13	10	8	26	\$18.93	\$ 22.95	\$21.75					\$47.66
7257	10/30/13	10	9	27	\$18.04	\$ 24.09	\$21.75					\$45.40
7258	10/30/13	10	10	27	\$18.00	\$ 24.09	\$21.75					\$45.31
7259	10/30/13	10	11	27	\$17.94	\$ 24.09	\$21.75					\$45.16
7260	10/30/13	10	12	27	\$16.71	\$ 24.09	\$21.75					\$42.05
7261	10/30/13	10	13	27	\$15.61	\$ 24.09	\$21.75					\$39.30
7262	10/30/13	10	14	26	\$14.58	\$ 22.95	\$21.75					\$36.70
7263	10/30/13	10	15	27	\$13.63	\$ 24.09	\$21.75					\$34.30
7264	10/30/13	10	16	26	\$12.37	\$ 22.95	\$21.03					\$31.14
7265	10/30/13	10	17	26	\$11.86	\$ 22.95	\$21.03					\$29.86
7266	10/30/13	10	18	26	\$14.76	\$ 22.95	\$21.03					\$37.14
7267	10/30/13	10	19	26	\$16.93	\$ 22.95	\$21.75					\$42.61
7268	10/30/13	10	20	26	\$14.72	\$ 22.95	\$21.75					\$37.04
7269	10/30/13	10	21	26	\$12.94	\$ 22.95	\$21.03					\$32.58
7270	10/30/13	10	22	25	\$10.31	\$ 22.23	\$20.59					\$25.96
7271	10/30/13	10	23	24	\$7.91	\$ 21.76	\$20.59					\$19.91
7272	10/30/13	10	24	23	\$7.42	\$ 21.48	\$20.33					\$18.68
7273	10/31/13	10	1	22	\$7.76	\$ 21.32	\$20.19					\$19.53
7274	10/31/13	10	2	22	\$7.37	\$ 21.32	\$20.13					\$18.54
7275	10/31/13	10	3	22	\$6.99	\$ 21.32	\$20.13					\$17.59
7276	10/31/13	10	4	21	\$7.08	\$ 21.25	\$20.13					\$17.83
7277	10/31/13	10	5	22	\$7.59	\$ 21.32	\$20.13					\$19.10
7278	10/31/13	10	6	23	\$9.80	\$ 21.48	\$20.19					\$24.66
7279	10/31/13	10	7	24	\$14.78	\$ 21.76	\$20.59					\$37.21
7280	10/31/13	10	8	26	\$17.68	\$ 22.95	\$21.75					\$44.51

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7281	10/31/13	10	9	26	\$15.62	\$ 22.95	\$21.75					\$39.32
7282	10/31/13	10	10	26	\$15.12	\$ 22.95	\$21.75					\$38.05
7283	10/31/13	10	11	26	\$14.49	\$ 22.95	\$21.75					\$36.46
7284	10/31/13	10	12	26	\$14.80	\$ 22.95	\$21.03					\$37.26
7285	10/31/13	10	13	26	\$13.52	\$ 22.95	\$21.75					\$34.04
7286	10/31/13	10	14	26	\$13.10	\$ 22.95	\$21.03					\$32.97
7287	10/31/13	10	15	26	\$12.08	\$ 22.95	\$21.03					\$30.40
7288	10/31/13	10	16	25	\$10.81	\$ 22.23	\$21.03					\$27.21
7289	10/31/13	10	17	26	\$9.38	\$ 22.95	\$21.03					\$23.60
7290	10/31/13	10	18	25	\$10.51	\$ 22.23	\$21.03					\$26.46
7291	10/31/13	10	19	26	\$13.59	\$ 22.95	\$21.03					\$34.21
7292	10/31/13	10	20	26	\$12.45	\$ 22.95	\$21.75					\$31.34
7293	10/31/13	10	21	26	\$10.50	\$ 22.95	\$21.75					\$26.42
7294	10/31/13	10	22	25	\$8.56	\$ 22.23	\$21.03					\$21.54
7295	10/31/13	10	23	24	\$5.33	\$ 21.76	\$20.59					\$13.41
7296	10/31/13	10	24	23	\$4.87	\$ 21.48	\$20.33					\$12.27
7297	11/01/13	11	1	23	\$5.17	\$ 21.48	\$20.19					\$13.02
7298	11/01/13	11	2	22	\$3.86	\$ 21.32	\$20.19					\$9.72
7299	11/01/13	11	3	22	\$3.02	\$ 21.32	\$20.19					\$7.61
7300	11/01/13	11	4	22	\$2.97	\$ 21.32	\$20.19					\$7.48
7301	11/01/13	11	5	22	\$4.24	\$ 21.32	\$20.19					\$10.66
7302	11/01/13	11	6	23	\$6.92	\$ 21.48	\$20.33					\$17.41
7303	11/01/13	11	7	25	\$10.15	\$ 22.23	\$21.03					\$25.56
7304	11/01/13	11	8	27	\$12.75	\$ 24.09	\$21.75					\$32.09
7305	11/01/13	11	9	26	\$12.34	\$ 22.95	\$21.75					\$31.06
7306	11/01/13	11	10	26	\$11.86	\$ 22.95	\$21.03					\$29.85
7307	11/01/13	11	11	26	\$10.59	\$ 22.95	\$21.75					\$26.65
7308	11/01/13	11	12	26	\$8.97	\$ 22.95	\$21.03					\$22.57
7309	11/01/13	11	13	26	\$8.57	\$ 22.95	\$21.75					\$21.57
7310	11/01/13	11	14	27	\$7.32	\$ 24.09	\$21.75					\$18.43
7311	11/01/13	11	15	26	\$6.96	\$ 22.95	\$21.75					\$17.53
7312	11/01/13	11	16	25	\$6.36	\$ 22.23	\$21.03					\$16.01
7313	11/01/13	11	17	24	\$6.22	\$ 21.76	\$20.59					\$15.66
7314	11/01/13	11	18	26	\$5.86	\$ 22.95	\$21.03					\$14.76
7315	11/01/13	11	19	26	\$7.46	\$ 22.95	\$21.03					\$18.77
7316	11/01/13	11	20	26	\$7.46	\$ 22.95	\$21.75					\$18.77
7317	11/01/13	11	21	26	\$6.39	\$ 22.95	\$21.75					\$16.09
7318	11/01/13	11	22	25	\$5.62	\$ 22.23	\$21.03					\$14.14
7319	11/01/13	11	23	24	\$4.40	\$ 21.76	\$20.59					\$11.08
7320	11/01/13	11	24	23	\$2.14	\$ 21.48	\$20.33					\$5.39
7321	11/02/13	11	1	23	\$4.74	\$ 21.48	\$20.33					\$11.94
7322	11/02/13	11	2	22	\$3.09	\$ 21.32	\$20.19					\$7.77
7323	11/02/13	11	3	22	\$3.59	\$ 21.32	\$20.19					\$9.04
7324	11/02/13	11	4	22	\$3.97	\$ 21.32	\$20.19					\$10.00
7325	11/02/13	11	5	22	\$5.65	\$ 21.32	\$20.19					\$14.21
7326	11/02/13	11	6	23	\$7.35	\$ 21.48	\$20.19					\$18.49
7327	11/02/13	11	7	23	\$9.19	\$ 21.48	\$20.33					\$23.12
7328	11/02/13	11	8	24	\$9.97	\$ 21.76	\$20.59					\$25.10
7329	11/02/13	11	9	25	\$11.38	\$ 22.23	\$21.03					\$28.65
7330	11/02/13	11	10	25	\$11.74	\$ 22.23	\$21.03					\$29.55
7331	11/02/13	11	11	25	\$11.90	\$ 22.23	\$20.59					\$29.96
7332	11/02/13	11	12	25	\$11.57	\$ 22.23	\$20.59					\$29.11
7333	11/02/13	11	13	25	\$10.32	\$ 22.23	\$20.59					\$25.97
7334	11/02/13	11	14	24	\$9.59	\$ 21.76	\$20.59					\$24.13
7335	11/02/13	11	15	24	\$9.32	\$ 21.76	\$20.59					\$23.46
7336	11/02/13	11	16	24	\$9.31	\$ 21.76	\$20.59					\$23.43

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7337	11/02/13	11	17	24	\$9.58	\$ 21.76	\$20.59					\$24.11
7338	11/02/13	11	18	24	\$12.40	\$ 21.76	\$20.59					\$31.22
7339	11/02/13	11	19	25	\$16.53	\$ 22.23	\$21.03					\$41.61
7340	11/02/13	11	20	25	\$13.76	\$ 22.23	\$21.03					\$34.63
7341	11/02/13	11	21	25	\$12.63	\$ 22.23	\$21.03					\$31.80
7342	11/02/13	11	22	24	\$10.44	\$ 21.76	\$20.59					\$26.27
7343	11/02/13	11	23	24	\$9.40	\$ 21.76	\$20.59					\$23.66
7344	11/02/13	11	24	23	\$9.17	\$ 21.48	\$20.33					\$23.09
7345	11/03/13	11	1	23	\$7.34	\$ 21.48	\$20.33					\$18.47
7346	11/03/13	11	2	22	\$5.59	\$ 21.32	\$20.19					\$14.08
7347	11/03/13	11	3	22	\$2.17	\$ 21.32	\$20.19					\$5.47
7348	11/03/13	11	4	22	\$1.47	\$ 21.32	\$20.19					\$3.70
7349	11/03/13	11	5	22	\$1.39	\$ 21.32	\$20.19					\$3.49
7350	11/03/13	11	6	22	\$3.09	\$ 21.32	\$20.19					\$7.77
7351	11/03/13	11	7	23	\$4.33	\$ 21.48	\$20.33					\$10.90
7352	11/03/13	11	8	23	\$4.22	\$ 21.48	\$20.33					\$10.63
7353	11/03/13	11	9	23	\$3.90	\$ 21.48	\$20.33					\$9.82
7354	11/03/13	11	10	23	\$3.27	\$ 21.48	\$20.33					\$8.22
7355	11/03/13	11	11	23	\$2.65	\$ 21.48	\$20.33					\$6.68
7356	11/03/13	11	12	23	\$2.63	\$ 21.48	\$20.33					\$6.63
7357	11/03/13	11	13	23	\$2.12	\$ 21.48	\$20.33					\$5.33
7358	11/03/13	11	14	23	\$1.70	\$ 21.48	\$20.33					\$4.27
7359	11/03/13	11	15	23	\$1.81	\$ 21.48	\$20.19					\$4.55
7360	11/03/13	11	16	23	\$2.17	\$ 21.48	\$20.33					\$5.46
7361	11/03/13	11	17	23	\$3.93	\$ 21.48	\$20.33					\$9.88
7362	11/03/13	11	18	25	\$5.30	\$ 22.23	\$20.59					\$13.33
7363	11/03/13	11	19	25	\$4.83	\$ 22.23	\$21.03					\$12.15
7364	11/03/13	11	20	25	\$4.31	\$ 22.23	\$20.59					\$10.86
7365	11/03/13	11	21	24	\$3.61	\$ 21.76	\$20.59					\$9.09
7366	11/03/13	11	22	24	\$2.03	\$ 21.76	\$20.59					\$5.12
7367	11/03/13	11	23	23	-\$0.54	\$ 21.48	\$20.33					-\$1.36
7368	11/03/13	11	24	22	-\$1.45	\$ 21.32	\$20.19					-\$3.66
7369	11/04/13	11	1	22	-\$1.25	\$ 21.32	\$20.13					-\$3.15
7370	11/04/13	11	2	21	-\$1.50	\$ 21.25	\$20.13					-\$3.77
7371	11/04/13	11	3	21	-\$1.34	\$ 21.25	\$20.13					-\$3.37
7372	11/04/13	11	4	21	\$0.39	\$ 21.25	\$20.13					\$0.98
7373	11/04/13	11	5	22	\$2.87	\$ 21.32	\$20.19					\$7.22
7374	11/04/13	11	6	24	\$4.87	\$ 21.76	\$20.59					\$12.27
7375	11/04/13	11	7	26	\$7.95	\$ 22.95	\$21.03					\$20.01
7376	11/04/13	11	8	27	\$13.12	\$ 24.09	\$21.75					\$33.03
7377	11/04/13	11	9	27	\$12.45	\$ 24.09	\$22.90					\$31.33
7378	11/04/13	11	10	27	\$11.55	\$ 24.09	\$21.75					\$29.07
7379	11/04/13	11	11	27	\$12.02	\$ 24.09	\$22.90					\$30.26
7380	11/04/13	11	12	27	\$11.24	\$ 24.09	\$22.90					\$28.28
7381	11/04/13	11	13	27	\$11.27	\$ 24.09	\$22.90					\$28.37
7382	11/04/13	11	14	27	\$11.00	\$ 24.09	\$22.90					\$27.68
7383	11/04/13	11	15	27	\$11.42	\$ 24.09	\$22.90					\$28.74
7384	11/04/13	11	16	28	\$12.31	\$ 25.89	\$22.90					\$30.98
7385	11/04/13	11	17	27	\$17.30	\$ 24.09	\$22.90					\$43.54
7386	11/04/13	11	18	28	\$22.67	\$ 25.89	\$22.90					\$57.06
7387	11/04/13	11	19	28	\$18.04	\$ 25.89	\$22.90					\$45.40
7388	11/04/13	11	20	28	\$15.12	\$ 25.89	\$22.90					\$38.07
7389	11/04/13	11	21	27	\$13.54	\$ 24.09	\$21.75					\$34.07
7390	11/04/13	11	22	26	\$11.14	\$ 22.95	\$21.03					\$28.03
7391	11/04/13	11	23	25	\$9.66	\$ 22.23	\$20.59					\$24.32
7392	11/04/13	11	24	24	\$9.24	\$ 21.76	\$20.59					\$23.27

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7393	11/05/13	11	1	24	\$8.69	\$ 21.76	\$20.33					\$21.88
7394	11/05/13	11	2	23	\$8.60	\$ 21.48	\$20.33					\$21.65
7395	11/05/13	11	3	23	\$8.60	\$ 21.48	\$20.33					\$21.64
7396	11/05/13	11	4	23	\$8.74	\$ 21.48	\$20.33					\$22.00
7397	11/05/13	11	5	22	\$9.94	\$ 21.32	\$20.19					\$25.02
7398	11/05/13	11	6	23	\$14.07	\$ 21.48	\$20.33					\$35.42
7399	11/05/13	11	7	25	\$16.30	\$ 22.23	\$20.59					\$41.02
7400	11/05/13	11	8	26	\$16.88	\$ 22.95	\$21.75					\$42.49
7401	11/05/13	11	9	27	\$16.90	\$ 24.09	\$21.75					\$42.53
7402	11/05/13	11	10	26	\$16.72	\$ 22.95	\$21.75					\$42.09
7403	11/05/13	11	11	27	\$15.14	\$ 24.09	\$21.75					\$38.12
7404	11/05/13	11	12	27	\$13.81	\$ 24.09	\$21.75					\$34.76
7405	11/05/13	11	13	26	\$13.43	\$ 22.95	\$21.75					\$33.81
7406	11/05/13	11	14	26	\$12.28	\$ 22.95	\$21.03					\$30.91
7407	11/05/13	11	15	26	\$11.43	\$ 22.95	\$21.03					\$28.78
7408	11/05/13	11	16	25	\$10.82	\$ 22.23	\$21.03					\$27.23
7409	11/05/13	11	17	26	\$13.80	\$ 22.95	\$21.03					\$34.73
7410	11/05/13	11	18	26	\$16.68	\$ 22.95	\$21.75					\$41.98
7411	11/05/13	11	19	26	\$12.72	\$ 22.95	\$21.75					\$32.02
7412	11/05/13	11	20	26	\$11.64	\$ 22.95	\$21.75					\$29.29
7413	11/05/13	11	21	25	\$9.75	\$ 22.23	\$21.03					\$24.53
7414	11/05/13	11	22	24	\$8.05	\$ 21.76	\$20.59					\$20.27
7415	11/05/13	11	23	23	\$7.31	\$ 21.48	\$20.33					\$18.39
7416	11/05/13	11	24	22	\$6.47	\$ 21.32	\$20.19					\$16.28
7417	11/06/13	11	1	22	\$5.53	\$ 21.32	\$20.19					\$13.93
7418	11/06/13	11	2	22	\$5.11	\$ 21.32	\$20.13					\$12.86
7419	11/06/13	11	3	21	\$5.31	\$ 21.25	\$20.13					\$13.36
7420	11/06/13	11	4	22	\$5.19	\$ 21.32	\$20.13					\$13.06
7421	11/06/13	11	5	22	\$6.67	\$ 21.32	\$20.19					\$16.79
7422	11/06/13	11	6	23	\$8.22	\$ 21.48	\$20.33					\$20.68
7423	11/06/13	11	7	25	\$9.45	\$ 22.23	\$21.03					\$23.79
7424	11/06/13	11	8	25	\$11.49	\$ 22.23	\$21.03					\$28.93
7425	11/06/13	11	9	26	\$14.07	\$ 22.95	\$21.75					\$35.42
7426	11/06/13	11	10	27	\$15.08	\$ 24.09	\$21.75					\$37.96
7427	11/06/13	11	11	27	\$14.35	\$ 24.09	\$21.75					\$36.11
7428	11/06/13	11	12	26	\$13.40	\$ 22.95	\$21.75					\$33.74
7429	11/06/13	11	13	26	\$13.48	\$ 22.95	\$21.75					\$33.92
7430	11/06/13	11	14	26	\$13.02	\$ 22.95	\$21.03					\$32.76
7431	11/06/13	11	15	25	\$12.93	\$ 22.23	\$21.03					\$32.55
7432	11/06/13	11	16	27	\$12.53	\$ 24.09	\$21.75					\$31.54
7433	11/06/13	11	17	27	\$17.14	\$ 24.09	\$21.75					\$43.14
7434	11/06/13	11	18	29	\$18.58	\$ 28.65	\$24.69					\$46.77
7435	11/06/13	11	19	29	\$17.39	\$ 28.65	\$24.69					\$43.78
7436	11/06/13	11	20	28	\$15.61	\$ 25.89	\$24.69					\$39.28
7437	11/06/13	11	21	28	\$13.43	\$ 25.89	\$24.69					\$33.80
7438	11/06/13	11	22	27	\$12.88	\$ 24.09	\$22.90					\$32.42
7439	11/06/13	11	23	26	\$10.91	\$ 22.95	\$21.75					\$27.46
7440	11/06/13	11	24	25	\$8.61	\$ 22.23	\$21.03					\$21.67
7441	11/07/13	11	1	25	\$8.70	\$ 22.23	\$21.03					\$21.91
7442	11/07/13	11	2	25	\$8.18	\$ 22.23	\$20.59					\$20.60
7443	11/07/13	11	3	25	\$7.69	\$ 22.23	\$20.59					\$19.35
7444	11/07/13	11	4	25	\$7.54	\$ 22.23	\$20.59					\$18.97
7445	11/07/13	11	5	25	\$7.51	\$ 22.23	\$20.59					\$18.91
7446	11/07/13	11	6	26	\$8.30	\$ 22.95	\$21.75					\$20.89
7447	11/07/13	11	7	28	\$10.62	\$ 25.89	\$22.90					\$26.72
7448	11/07/13	11	8	28	\$14.08	\$ 25.89	\$24.69					\$35.44

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7449	11/07/13	11	9	28	\$13.84	\$ 25.89	\$24.69					\$34.83
7450	11/07/13	11	10	28	\$13.61	\$ 25.89	\$22.90					\$34.26
7451	11/07/13	11	11	27	\$13.62	\$ 24.09	\$21.75					\$34.29
7452	11/07/13	11	12	24	\$12.98	\$ 21.76	\$20.59					\$32.66
7453	11/07/13	11	13	24	\$11.84	\$ 21.76	\$20.33					\$29.79
7454	11/07/13	11	14	23	\$10.82	\$ 21.48	\$20.19					\$27.23
7455	11/07/13	11	15	22	\$10.74	\$ 21.32	\$20.19					\$27.04
7456	11/07/13	11	16	22	\$10.58	\$ 21.32	\$20.13					\$26.64
7457	11/07/13	11	17	22	\$10.76	\$ 21.32	\$20.19					\$27.08
7458	11/07/13	11	18	24	\$14.66	\$ 21.76	\$20.33					\$36.89
7459	11/07/13	11	19	24	\$18.42	\$ 21.76	\$20.59					\$46.36
7460	11/07/13	11	20	24	\$16.81	\$ 21.76	\$20.59					\$42.31
7461	11/07/13	11	21	24	\$15.10	\$ 21.76	\$20.59					\$38.00
7462	11/07/13	11	22	23	\$13.60	\$ 21.48	\$20.33					\$34.22
7463	11/07/13	11	23	25	\$11.16	\$ 22.23	\$20.59					\$28.08
7464	11/07/13	11	24	25	\$9.60	\$ 22.23	\$20.59					\$24.16
7465	11/08/13	11	1	25	\$8.40	\$ 22.23	\$20.59					\$21.14
7466	11/08/13	11	2	24	\$7.89	\$ 21.76	\$20.59					\$19.86
7467	11/08/13	11	3	24	\$7.75	\$ 21.76	\$20.59					\$19.51
7468	11/08/13	11	4	24	\$7.30	\$ 21.76	\$20.59					\$18.37
7469	11/08/13	11	5	25	\$7.31	\$ 22.23	\$21.03					\$18.40
7470	11/08/13	11	6	26	\$7.54	\$ 22.95	\$21.75					\$18.97
7471	11/08/13	11	7	28	\$8.70	\$ 25.89	\$24.69					\$21.91
7472	11/08/13	11	8	28	\$7.26	\$ 25.89	\$24.69					\$18.27
7473	11/08/13	11	9	28	\$6.85	\$ 25.89	\$24.69					\$17.24
7474	11/08/13	11	10	28	\$5.93	\$ 25.89	\$22.90					\$14.93
7475	11/08/13	11	11	28	\$5.24	\$ 25.89	\$22.90					\$13.19
7476	11/08/13	11	12	27	\$4.46	\$ 24.09	\$22.90					\$11.22
7477	11/08/13	11	13	27	\$4.54	\$ 24.09	\$22.90					\$11.43
7478	11/08/13	11	14	27	\$4.44	\$ 24.09	\$22.90					\$11.17
7479	11/08/13	11	15	27	\$4.21	\$ 24.09	\$21.75					\$10.59
7480	11/08/13	11	16	27	\$4.74	\$ 24.09	\$22.90					\$11.92
7481	11/08/13	11	17	27	\$5.77	\$ 24.09	\$21.75					\$14.53
7482	11/08/13	11	18	27	\$7.30	\$ 24.09	\$22.90					\$18.38
7483	11/08/13	11	19	27	\$6.59	\$ 24.09	\$21.75					\$16.58
7484	11/08/13	11	20	27	\$6.12	\$ 24.09	\$21.75					\$15.40
7485	11/08/13	11	21	26	\$5.92	\$ 22.95	\$21.75					\$14.91
7486	11/08/13	11	22	26	\$5.50	\$ 22.95	\$21.75					\$13.85
7487	11/08/13	11	23	25	\$5.00	\$ 22.23	\$21.03					\$12.58
7488	11/08/13	11	24	24	\$2.15	\$ 21.76	\$20.59					\$5.41
7489	11/09/13	11	1	23	\$1.94	\$ 21.48	\$20.33					\$4.88
7490	11/09/13	11	2	23	\$1.22	\$ 21.48	\$20.33					\$3.08
7491	11/09/13	11	3	23	\$1.18	\$ 21.48	\$20.19					\$2.98
7492	11/09/13	11	4	23	\$1.28	\$ 21.48	\$20.19					\$3.21
7493	11/09/13	11	5	23	\$1.51	\$ 21.48	\$20.33					\$3.80
7494	11/09/13	11	6	23	\$2.52	\$ 21.48	\$20.33					\$6.35
7495	11/09/13	11	7	24	\$4.91	\$ 21.76	\$20.33					\$12.35
7496	11/09/13	11	8	24	\$6.57	\$ 21.76	\$20.59					\$16.53
7497	11/09/13	11	9	25	\$7.62	\$ 22.23	\$20.59					\$19.17
7498	11/09/13	11	10	25	\$7.78	\$ 22.23	\$20.59					\$19.59
7499	11/09/13	11	11	24	\$7.13	\$ 21.76	\$20.59					\$17.94
7500	11/09/13	11	12	24	\$6.62	\$ 21.76	\$20.59					\$16.66
7501	11/09/13	11	13	24	\$6.28	\$ 21.76	\$20.59					\$15.81
7502	11/09/13	11	14	24	\$3.57	\$ 21.76	\$20.59					\$8.99
7503	11/09/13	11	15	24	\$3.57	\$ 21.76	\$20.33					\$8.99
7504	11/09/13	11	16	24	\$4.24	\$ 21.76	\$20.59					\$10.68

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7505	11/09/13	11	17	24	\$5.59	\$ 21.76	\$20.33					\$14.08
7506	11/09/13	11	18	25	\$6.58	\$ 22.23	\$21.03					\$16.56
7507	11/09/13	11	19	25	\$6.64	\$ 22.23	\$21.03					\$16.72
7508	11/09/13	11	20	25	\$6.44	\$ 22.23	\$21.03					\$16.21
7509	11/09/13	11	21	25	\$6.70	\$ 22.23	\$20.59					\$16.87
7510	11/09/13	11	22	24	\$6.72	\$ 21.76	\$20.59					\$16.92
7511	11/09/13	11	23	23	\$7.09	\$ 21.48	\$20.33					\$17.85
7512	11/09/13	11	24	23	\$6.23	\$ 21.48	\$20.33					\$15.67
7513	11/10/13	11	1	23	\$6.27	\$ 21.48	\$20.33					\$15.79
7514	11/10/13	11	2	23	\$6.36	\$ 21.48	\$20.33					\$16.02
7515	11/10/13	11	3	23	\$6.65	\$ 21.48	\$20.33					\$16.74
7516	11/10/13	11	4	23	\$7.27	\$ 21.48	\$20.19					\$18.29
7517	11/10/13	11	5	23	\$8.02	\$ 21.48	\$20.19					\$20.18
7518	11/10/13	11	6	23	\$8.74	\$ 21.48	\$20.33					\$21.99
7519	11/10/13	11	7	23	\$9.97	\$ 21.48	\$20.33					\$25.09
7520	11/10/13	11	8	23	\$11.19	\$ 21.48	\$20.33					\$28.17
7521	11/10/13	11	9	24	\$11.84	\$ 21.76	\$20.33					\$29.81
7522	11/10/13	11	10	23	\$11.76	\$ 21.48	\$20.33					\$29.60
7523	11/10/13	11	11	23	\$10.89	\$ 21.48	\$20.33					\$27.41
7524	11/10/13	11	12	23	\$10.10	\$ 21.48	\$20.33					\$25.42
7525	11/10/13	11	13	23	\$9.81	\$ 21.48	\$20.33					\$24.70
7526	11/10/13	11	14	23	\$9.57	\$ 21.48	\$20.33					\$24.08
7527	11/10/13	11	15	23	\$8.84	\$ 21.48	\$20.33					\$22.25
7528	11/10/13	11	16	23	\$8.66	\$ 21.48	\$20.33					\$21.81
7529	11/10/13	11	17	24	\$10.69	\$ 21.76	\$20.59					\$26.90
7530	11/10/13	11	18	25	\$12.23	\$ 22.23	\$21.03					\$30.78
7531	11/10/13	11	19	25	\$8.90	\$ 22.23	\$20.59					\$22.39
7532	11/10/13	11	20	25	\$8.08	\$ 22.23	\$21.03					\$20.33
7533	11/10/13	11	21	24	\$6.52	\$ 21.76	\$20.59					\$16.41
7534	11/10/13	11	22	24	\$5.83	\$ 21.76	\$20.59					\$14.67
7535	11/10/13	11	23	23	\$4.99	\$ 21.48	\$20.19					\$12.56
7536	11/10/13	11	24	22	\$2.96	\$ 21.32	\$20.19					\$7.45
7537	11/11/13	11	1	22	\$2.19	\$ 21.32	\$20.19					\$5.51
7538	11/11/13	11	2	22	\$1.96	\$ 21.32	\$20.13					\$4.94
7539	11/11/13	11	3	22	\$2.03	\$ 21.32	\$20.19					\$5.11
7540	11/11/13	11	4	22	\$1.25	\$ 21.32	\$20.19					\$3.15
7541	11/11/13	11	5	22	\$2.45	\$ 21.32	\$20.19					\$6.16
7542	11/11/13	11	6	24	\$4.12	\$ 21.76	\$20.59					\$10.36
7543	11/11/13	11	7	26	\$6.47	\$ 22.95	\$21.75					\$16.28
7544	11/11/13	11	8	27	\$7.56	\$ 24.09	\$22.90					\$19.03
7545	11/11/13	11	9	28	\$7.89	\$ 25.89	\$22.90					\$19.87
7546	11/11/13	11	10	28	\$7.53	\$ 25.89	\$22.90					\$18.96
7547	11/11/13	11	11	28	\$7.14	\$ 25.89	\$22.90					\$17.97
7548	11/11/13	11	12	28	\$6.99	\$ 25.89	\$22.90					\$17.60
7549	11/11/13	11	13	28	\$7.06	\$ 25.89	\$24.69					\$17.77
7550	11/11/13	11	14	29	\$6.83	\$ 28.65	\$24.69					\$17.20
7551	11/11/13	11	15	28	\$7.31	\$ 25.89	\$24.69					\$18.40
7552	11/11/13	11	16	28	\$7.64	\$ 25.89	\$24.69					\$19.23
7553	11/11/13	11	17	28	\$9.91	\$ 25.89	\$24.69					\$24.94
7554	11/11/13	11	18	30	\$13.54	\$ 32.53	\$27.35					\$34.07
7555	11/11/13	11	19	30	\$11.49	\$ 32.53	\$27.35					\$28.92
7556	11/11/13	11	20	30	\$10.30	\$ 32.53	\$31.07					\$25.93
7557	11/11/13	11	21	29	\$9.69	\$ 28.65	\$27.35					\$24.39
7558	11/11/13	11	22	29	\$8.89	\$ 28.65	\$24.69					\$22.37
7559	11/11/13	11	23	28	\$8.45	\$ 25.89	\$22.90					\$21.28
7560	11/11/13	11	24	27	\$7.92	\$ 24.09	\$22.90					\$19.93

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7561	11/12/13	11	1	27	\$7.84	\$ 24.09	\$21.75					\$19.73
7562	11/12/13	11	2	26	\$7.83	\$ 22.95	\$21.75					\$19.70
7563	11/12/13	11	3	26	\$7.72	\$ 22.95	\$21.75					\$19.44
7564	11/12/13	11	4	27	\$7.95	\$ 24.09	\$21.75					\$20.00
7565	11/12/13	11	5	27	\$10.25	\$ 24.09	\$22.90					\$25.79
7566	11/12/13	11	6	28	\$14.27	\$ 25.89	\$24.69					\$35.91
7567	11/12/13	11	7	29	\$18.68	\$ 28.65	\$27.35					\$47.02
7568	11/12/13	11	8	30	\$18.23	\$ 32.53	\$27.35					\$45.89
7569	11/12/13	11	9	30	\$17.84	\$ 32.53	\$27.35					\$44.91
7570	11/12/13	11	10	29	\$17.18	\$ 28.65	\$27.35					\$43.25
7571	11/12/13	11	11	28	\$16.81	\$ 25.89	\$22.90					\$42.30
7572	11/12/13	11	12	28	\$14.83	\$ 25.89	\$24.69					\$37.33
7573	11/12/13	11	13	28	\$12.85	\$ 25.89	\$24.69					\$32.34
7574	11/12/13	11	14	28	\$12.18	\$ 25.89	\$24.69					\$30.66
7575	11/12/13	11	15	28	\$11.64	\$ 25.89	\$22.90					\$29.30
7576	11/12/13	11	16	28	\$11.70	\$ 25.89	\$22.90					\$29.45
7577	11/12/13	11	17	28	\$16.80	\$ 25.89	\$24.69					\$42.28
7578	11/12/13	11	18	30	\$21.89	\$ 32.53	\$27.35					\$55.10
7579	11/12/13	11	19	30	\$16.66	\$ 32.53	\$31.07					\$41.93
7580	11/12/13	11	20	30	\$14.21	\$ 32.53	\$31.07					\$35.76
7581	11/12/13	11	21	30	\$10.92	\$ 32.53	\$27.35					\$27.49
7582	11/12/13	11	22	29	\$8.32	\$ 28.65	\$24.69					\$20.93
7583	11/12/13	11	23	28	\$6.98	\$ 25.89	\$22.90					\$17.56
7584	11/12/13	11	24	26	\$3.19	\$ 22.95	\$21.75					\$8.04
7585	11/13/13	11	1	26	\$2.63	\$ 22.95	\$21.75					\$6.63
7586	11/13/13	11	2	26	\$1.16	\$ 22.95	\$21.75					\$2.91
7587	11/13/13	11	3	26	\$1.08	\$ 22.95	\$21.75					\$2.71
7588	11/13/13	11	4	26	\$0.44	\$ 22.95	\$21.75					\$1.10
7589	11/13/13	11	5	26	\$1.56	\$ 22.95	\$21.75					\$3.92
7590	11/13/13	11	6	28	\$4.48	\$ 25.89	\$22.90					\$11.28
7591	11/13/13	11	7	29	\$7.50	\$ 28.65	\$27.35					\$18.88
7592	11/13/13	11	8	30	\$8.42	\$ 32.53	\$27.35					\$21.19
7593	11/13/13	11	9	29	\$7.25	\$ 28.65	\$27.35					\$18.24
7594	11/13/13	11	10	29	\$6.38	\$ 28.65	\$24.69					\$16.05
7595	11/13/13	11	11	28	\$5.69	\$ 25.89	\$24.69					\$14.31
7596	11/13/13	11	12	28	\$4.76	\$ 25.89	\$22.90					\$11.99
7597	11/13/13	11	13	28	\$4.56	\$ 25.89	\$22.90					\$11.47
7598	11/13/13	11	14	28	\$5.02	\$ 25.89	\$22.90					\$12.64
7599	11/13/13	11	15	27	\$4.34	\$ 24.09	\$22.90					\$10.92
7600	11/13/13	11	16	27	\$4.46	\$ 24.09	\$22.90					\$11.23
7601	11/13/13	11	17	28	\$6.75	\$ 25.89	\$22.90					\$17.00
7602	11/13/13	11	18	29	\$9.95	\$ 28.65	\$24.69					\$25.04
7603	11/13/13	11	19	29	\$9.01	\$ 28.65	\$24.69					\$22.68
7604	11/13/13	11	20	28	\$8.03	\$ 25.89	\$24.69					\$20.22
7605	11/13/13	11	21	28	\$6.68	\$ 25.89	\$22.90					\$16.82
7606	11/13/13	11	22	28	\$5.56	\$ 25.89	\$22.90					\$14.00
7607	11/13/13	11	23	26	\$5.11	\$ 22.95	\$21.03					\$12.86
7608	11/13/13	11	24	25	\$4.68	\$ 22.23	\$21.03					\$11.77
7609	11/14/13	11	1	25	\$4.66	\$ 22.23	\$20.59					\$11.72
7610	11/14/13	11	2	24	\$4.88	\$ 21.76	\$20.59					\$12.28
7611	11/14/13	11	3	24	\$5.58	\$ 21.76	\$20.59					\$14.04
7612	11/14/13	11	4	24	\$6.51	\$ 21.76	\$20.59					\$16.38
7613	11/14/13	11	5	24	\$7.00	\$ 21.76	\$20.59					\$17.61
7614	11/14/13	11	6	26	\$9.61	\$ 22.95	\$21.03					\$24.20
7615	11/14/13	11	7	27	\$13.31	\$ 24.09	\$22.90					\$33.49
7616	11/14/13	11	8	28	\$13.44	\$ 25.89	\$22.90					\$33.82

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7617	11/14/13	11	9	28	\$14.15	\$ 25.89	\$22.90					\$35.62
7618	11/14/13	11	10	28	\$13.91	\$ 25.89	\$22.90					\$35.00
7619	11/14/13	11	11	28	\$11.87	\$ 25.89	\$22.90					\$29.89
7620	11/14/13	11	12	28	\$10.97	\$ 25.89	\$22.90					\$27.60
7621	11/14/13	11	13	27	\$10.99	\$ 24.09	\$22.90					\$27.66
7622	11/14/13	11	14	27	\$10.68	\$ 24.09	\$21.75					\$26.88
7623	11/14/13	11	15	27	\$10.76	\$ 24.09	\$21.75					\$27.08
7624	11/14/13	11	16	27	\$10.73	\$ 24.09	\$21.75					\$27.02
7625	11/14/13	11	17	27	\$14.13	\$ 24.09	\$21.75					\$35.57
7626	11/14/13	11	18	28	\$17.81	\$ 25.89	\$22.90					\$44.83
7627	11/14/13	11	19	28	\$14.81	\$ 25.89	\$22.90					\$37.29
7628	11/14/13	11	20	28	\$14.20	\$ 25.89	\$22.90					\$35.73
7629	11/14/13	11	21	27	\$11.95	\$ 24.09	\$22.90					\$30.08
7630	11/14/13	11	22	26	\$10.89	\$ 22.95	\$21.75					\$27.40
7631	11/14/13	11	23	25	\$10.63	\$ 22.23	\$20.59					\$26.76
7632	11/14/13	11	24	24	\$9.34	\$ 21.76	\$20.59					\$23.50
7633	11/15/13	11	1	24	\$8.95	\$ 21.76	\$20.33					\$22.52
7634	11/15/13	11	2	23	\$8.93	\$ 21.48	\$20.33					\$22.48
7635	11/15/13	11	3	23	\$8.84	\$ 21.48	\$20.33					\$22.26
7636	11/15/13	11	4	24	\$9.17	\$ 21.76	\$20.33					\$23.07
7637	11/15/13	11	5	24	\$10.30	\$ 21.76	\$20.59					\$25.92
7638	11/15/13	11	6	25	\$14.92	\$ 22.23	\$21.03					\$37.56
7639	11/15/13	11	7	27	\$18.00	\$ 24.09	\$21.75					\$45.31
7640	11/15/13	11	8	28	\$17.18	\$ 25.89	\$22.90					\$43.25
7641	11/15/13	11	9	28	\$17.00	\$ 25.89	\$22.90					\$42.80
7642	11/15/13	11	10	27	\$15.90	\$ 24.09	\$22.90					\$40.02
7643	11/15/13	11	11	25	\$13.07	\$ 22.23	\$21.03					\$32.90
7644	11/15/13	11	12	24	\$12.07	\$ 21.76	\$20.59					\$30.38
7645	11/15/13	11	13	26	\$11.37	\$ 22.95	\$21.75					\$28.61
7646	11/15/13	11	14	26	\$10.51	\$ 22.95	\$21.75					\$26.46
7647	11/15/13	11	15	26	\$9.33	\$ 22.95	\$21.75					\$23.48
7648	11/15/13	11	16	26	\$9.06	\$ 22.95	\$21.03					\$22.81
7649	11/15/13	11	17	27	\$9.26	\$ 24.09	\$21.75					\$23.30
7650	11/15/13	11	18	27	\$8.54	\$ 24.09	\$22.90					\$21.49
7651	11/15/13	11	19	27	\$6.94	\$ 24.09	\$21.75					\$17.48
7652	11/15/13	11	20	26	\$5.15	\$ 22.95	\$21.75					\$12.97
7653	11/15/13	11	21	25	\$4.82	\$ 22.23	\$21.03					\$12.12
7654	11/15/13	11	22	25	\$3.88	\$ 22.23	\$21.03					\$9.77
7655	11/15/13	11	23	25	\$3.14	\$ 22.23	\$20.59					\$7.91
7656	11/15/13	11	24	24	\$2.28	\$ 21.76	\$20.59					\$5.75
7657	11/16/13	11	1	23	\$1.57	\$ 21.48	\$20.33					\$3.95
7658	11/16/13	11	2	23	\$1.02	\$ 21.48	\$20.33					\$2.56
7659	11/16/13	11	3	23	\$1.11	\$ 21.48	\$20.33					\$2.79
7660	11/16/13	11	4	23	\$1.22	\$ 21.48	\$20.33					\$3.07
7661	11/16/13	11	5	23	\$2.25	\$ 21.48	\$20.33					\$5.67
7662	11/16/13	11	6	24	\$2.91	\$ 21.76	\$20.33					\$7.32
7663	11/16/13	11	7	24	\$4.60	\$ 21.76	\$20.59					\$11.58
7664	11/16/13	11	8	24	\$5.31	\$ 21.76	\$20.59					\$13.37
7665	11/16/13	11	9	25	\$5.83	\$ 22.23	\$20.59					\$14.67
7666	11/16/13	11	10	25	\$5.85	\$ 22.23	\$21.03					\$14.73
7667	11/16/13	11	11	25	\$5.79	\$ 22.23	\$20.59					\$14.57
7668	11/16/13	11	12	25	\$5.60	\$ 22.23	\$20.59					\$14.09
7669	11/16/13	11	13	24	\$5.36	\$ 21.76	\$20.59					\$13.48
7670	11/16/13	11	14	24	\$5.63	\$ 21.76	\$20.59					\$14.17
7671	11/16/13	11	15	24	\$5.74	\$ 21.76	\$20.59					\$14.46
7672	11/16/13	11	16	24	\$5.95	\$ 21.76	\$20.59					\$14.98

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7673	11/16/13	11	17	24	\$6.77	\$ 21.76	\$20.59					\$17.05
7674	11/16/13	11	18	25	\$7.65	\$ 22.23	\$21.03					\$19.26
7675	11/16/13	11	19	25	\$6.93	\$ 22.23	\$21.03					\$17.45
7676	11/16/13	11	20	25	\$6.56	\$ 22.23	\$20.59					\$16.50
7677	11/16/13	11	21	24	\$6.59	\$ 21.76	\$20.59					\$16.59
7678	11/16/13	11	22	24	\$6.95	\$ 21.76	\$20.33					\$17.50
7679	11/16/13	11	23	23	\$6.92	\$ 21.48	\$20.33					\$17.43
7680	11/16/13	11	24	22	\$5.28	\$ 21.32	\$20.19					\$13.29
7681	11/17/13	11	1	22	\$4.97	\$ 21.32	\$20.19					\$12.51
7682	11/17/13	11	2	21	\$4.81	\$ 21.25	\$20.13					\$12.11
7683	11/17/13	11	3	21	\$4.88	\$ 21.25	\$20.13					\$12.28
7684	11/17/13	11	4	21	\$5.09	\$ 21.25	\$20.13					\$12.81
7685	11/17/13	11	5	21	\$5.25	\$ 21.25	\$20.13					\$13.21
7686	11/17/13	11	6	21	\$5.26	\$ 21.25	\$20.13					\$13.23
7687	11/17/13	11	7	22	\$7.13	\$ 21.32	\$20.13					\$17.94
7688	11/17/13	11	8	22	\$8.20	\$ 21.32	\$20.13					\$20.63
7689	11/17/13	11	9	22	\$8.18	\$ 21.32	\$20.19					\$20.58
7690	11/17/13	11	10	22	\$6.83	\$ 21.32	\$20.19					\$17.20
7691	11/17/13	11	11	23	\$5.78	\$ 21.48	\$20.19					\$14.54
7692	11/17/13	11	12	23	\$5.45	\$ 21.48	\$20.33					\$13.71
7693	11/17/13	11	13	23	\$3.90	\$ 21.48	\$20.33					\$9.81
7694	11/17/13	11	14	23	\$2.58	\$ 21.48	\$20.19					\$6.49
7695	11/17/13	11	15	22	\$0.70	\$ 21.32	\$20.19					\$1.77
7696	11/17/13	11	16	23	\$0.83	\$ 21.48	\$20.19					\$2.09
7697	11/17/13	11	17	23	\$2.50	\$ 21.48	\$20.33					\$6.30
7698	11/17/13	11	18	25	\$2.96	\$ 22.23	\$21.03					\$7.46
7699	11/17/13	11	19	25	\$2.78	\$ 22.23	\$20.59					\$6.99
7700	11/17/13	11	20	24	\$2.20	\$ 21.76	\$20.59					\$5.55
7701	11/17/13	11	21	24	\$0.83	\$ 21.76	\$20.59					\$2.09
7702	11/17/13	11	22	24	-\$1.83	\$ 21.76	\$20.59					-\$4.60
7703	11/17/13	11	23	23	-\$3.54	\$ 21.48	\$20.33					-\$8.91
7704	11/17/13	11	24	22	-\$1.92	\$ 21.32	\$20.19					-\$4.84
7705	11/18/13	11	1	22	-\$1.82	\$ 21.32	\$20.19					-\$4.58
7706	11/18/13	11	2	22	-\$1.80	\$ 21.32	\$20.19					-\$4.54
7707	11/18/13	11	3	22	-\$1.32	\$ 21.32	\$20.19					-\$3.33
7708	11/18/13	11	4	22	-\$0.74	\$ 21.32	\$20.19					-\$1.86
7709	11/18/13	11	5	23	\$1.71	\$ 21.48	\$20.33					\$4.31
7710	11/18/13	11	6	24	\$4.88	\$ 21.76	\$20.59					\$12.29
7711	11/18/13	11	7	26	\$8.45	\$ 22.95	\$21.75					\$21.27
7712	11/18/13	11	8	27	\$9.93	\$ 24.09	\$21.75					\$25.00
7713	11/18/13	11	9	27	\$12.16	\$ 24.09	\$22.90					\$30.62
7714	11/18/13	11	10	27	\$12.95	\$ 24.09	\$21.75					\$32.60
7715	11/18/13	11	11	27	\$12.48	\$ 24.09	\$21.75					\$31.41
7716	11/18/13	11	12	27	\$11.48	\$ 24.09	\$21.75					\$28.89
7717	11/18/13	11	13	27	\$11.08	\$ 24.09	\$21.75					\$27.90
7718	11/18/13	11	14	26	\$10.78	\$ 22.95	\$21.75					\$27.13
7719	11/18/13	11	15	26	\$10.60	\$ 22.95	\$21.75					\$26.67
7720	11/18/13	11	16	26	\$11.17	\$ 22.95	\$21.03					\$28.11
7721	11/18/13	11	17	26	\$16.24	\$ 22.95	\$21.75					\$40.87
7722	11/18/13	11	18	28	\$19.88	\$ 25.89	\$22.90					\$50.03
7723	11/18/13	11	19	28	\$16.38	\$ 25.89	\$22.90					\$41.24
7724	11/18/13	11	20	28	\$13.63	\$ 25.89	\$22.90					\$34.30
7725	11/18/13	11	21	27	\$12.34	\$ 24.09	\$22.90					\$31.06
7726	11/18/13	11	22	26	\$8.61	\$ 22.95	\$21.75					\$21.68
7727	11/18/13	11	23	25	\$7.04	\$ 22.23	\$21.03					\$17.71
7728	11/18/13	11	24	24	\$6.19	\$ 21.76	\$20.59					\$15.58

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7729	11/19/13	11	1	24	\$4.52	\$ 21.76	\$20.59					\$11.37
7730	11/19/13	11	2	24	\$3.71	\$ 21.76	\$20.33					\$9.35
7731	11/19/13	11	3	24	\$3.07	\$ 21.76	\$20.33					\$7.74
7732	11/19/13	11	4	24	\$2.37	\$ 21.76	\$20.59					\$5.96
7733	11/19/13	11	5	24	\$3.42	\$ 21.76	\$20.59					\$8.62
7734	11/19/13	11	6	25	\$4.79	\$ 22.23	\$21.03					\$12.06
7735	11/19/13	11	7	27	\$6.00	\$ 24.09	\$21.75					\$15.11
7736	11/19/13	11	8	27	\$5.42	\$ 24.09	\$22.90					\$13.63
7737	11/19/13	11	9	26	\$5.61	\$ 22.95	\$21.75					\$14.13
7738	11/19/13	11	10	26	\$5.14	\$ 22.95	\$21.03					\$12.93
7739	11/19/13	11	11	28	\$4.02	\$ 25.89	\$22.90					\$10.12
7740	11/19/13	11	12	27	\$3.75	\$ 24.09	\$22.90					\$9.44
7741	11/19/13	11	13	27	\$3.31	\$ 24.09	\$21.75					\$8.34
7742	11/19/13	11	14	27	\$2.80	\$ 24.09	\$21.75					\$7.05
7743	11/19/13	11	15	27	\$1.82	\$ 24.09	\$21.75					\$4.58
7744	11/19/13	11	16	27	\$2.16	\$ 24.09	\$21.75					\$5.43
7745	11/19/13	11	17	27	\$4.02	\$ 24.09	\$22.90					\$10.13
7746	11/19/13	11	18	28	\$4.43	\$ 25.89	\$24.69					\$11.16
7747	11/19/13	11	19	28	\$4.39	\$ 25.89	\$24.69					\$11.05
7748	11/19/13	11	20	28	\$3.44	\$ 25.89	\$22.90					\$8.67
7749	11/19/13	11	21	27	\$3.56	\$ 24.09	\$22.90					\$8.96
7750	11/19/13	11	22	26	\$3.02	\$ 22.95	\$21.75					\$7.61
7751	11/19/13	11	23	25	\$1.22	\$ 22.23	\$21.03					\$3.08
7752	11/19/13	11	24	24	-\$0.56	\$ 21.76	\$20.59					-\$1.42
7753	11/20/13	11	1	24	-\$1.30	\$ 21.76	\$20.33					-\$3.28
7754	11/20/13	11	2	23	-\$2.35	\$ 21.48	\$20.33					-\$5.91
7755	11/20/13	11	3	23	-\$2.12	\$ 21.48	\$20.33					-\$5.33
7756	11/20/13	11	4	23	-\$1.67	\$ 21.48	\$20.33					-\$4.21
7757	11/20/13	11	5	24	-\$0.48	\$ 21.76	\$20.33					-\$1.21
7758	11/20/13	11	6	25	\$3.11	\$ 22.23	\$20.59					\$7.84
7759	11/20/13	11	7	27	\$5.15	\$ 24.09	\$21.75					\$12.97
7760	11/20/13	11	8	28	\$6.02	\$ 25.89	\$22.90					\$15.15
7761	11/20/13	11	9	28	\$6.16	\$ 25.89	\$22.90					\$15.51
7762	11/20/13	11	10	28	\$5.83	\$ 25.89	\$22.90					\$14.68
7763	11/20/13	11	11	28	\$6.42	\$ 25.89	\$22.90					\$16.15
7764	11/20/13	11	12	28	\$7.08	\$ 25.89	\$22.90					\$17.81
7765	11/20/13	11	13	28	\$7.76	\$ 25.89	\$22.90					\$19.54
7766	11/20/13	11	14	28	\$9.02	\$ 25.89	\$22.90					\$22.71
7767	11/20/13	11	15	28	\$9.36	\$ 25.89	\$22.90					\$23.56
7768	11/20/13	11	16	28	\$10.00	\$ 25.89	\$22.90					\$25.16
7769	11/20/13	11	17	28	\$14.36	\$ 25.89	\$22.90					\$36.15
7770	11/20/13	11	18	28	\$17.98	\$ 25.89	\$24.69					\$45.26
7771	11/20/13	11	19	28	\$15.48	\$ 25.89	\$24.69					\$38.96
7772	11/20/13	11	20	28	\$13.25	\$ 25.89	\$22.90					\$33.36
7773	11/20/13	11	21	27	\$11.70	\$ 24.09	\$21.75					\$29.45
7774	11/20/13	11	22	27	\$10.63	\$ 24.09	\$21.75					\$26.76
7775	11/20/13	11	23	25	\$9.51	\$ 22.23	\$21.03					\$23.94
7776	11/20/13	11	24	24	\$6.95	\$ 21.76	\$20.59					\$17.50
7777	11/21/13	11	1	24	\$6.50	\$ 21.76	\$20.33					\$16.37
7778	11/21/13	11	2	23	\$5.70	\$ 21.48	\$20.33					\$14.35
7779	11/21/13	11	3	23	\$4.90	\$ 21.48	\$20.33					\$12.33
7780	11/21/13	11	4	23	\$4.19	\$ 21.48	\$20.33					\$10.54
7781	11/21/13	11	5	24	\$4.78	\$ 21.76	\$20.33					\$12.03
7782	11/21/13	11	6	25	\$6.49	\$ 22.23	\$20.59					\$16.34
7783	11/21/13	11	7	27	\$7.84	\$ 24.09	\$21.75					\$19.73
7784	11/21/13	11	8	28	\$8.16	\$ 25.89	\$24.69					\$20.54

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7785	11/21/13	11	9	28	\$7.89	\$ 25.89	\$24.69					\$19.86
7786	11/21/13	11	10	28	\$7.23	\$ 25.89	\$24.69					\$18.19
7787	11/21/13	11	11	28	\$6.75	\$ 25.89	\$24.69					\$16.98
7788	11/21/13	11	12	28	\$6.24	\$ 25.89	\$24.69					\$15.71
7789	11/21/13	11	13	28	\$5.57	\$ 25.89	\$24.69					\$14.01
7790	11/21/13	11	14	28	\$5.79	\$ 25.89	\$24.69					\$14.57
7791	11/21/13	11	15	29	\$5.59	\$ 28.65	\$24.69					\$14.06
7792	11/21/13	11	16	28	\$5.51	\$ 25.89	\$24.69					\$13.88
7793	11/21/13	11	17	29	\$7.42	\$ 28.65	\$27.35					\$18.67
7794	11/21/13	11	18	29	\$8.38	\$ 28.65	\$27.35					\$21.10
7795	11/21/13	11	19	29	\$7.09	\$ 28.65	\$27.35					\$17.84
7796	11/21/13	11	20	29	\$6.09	\$ 28.65	\$24.69					\$15.32
7797	11/21/13	11	21	29	\$5.20	\$ 28.65	\$24.69					\$13.09
7798	11/21/13	11	22	27	\$4.41	\$ 24.09	\$22.90					\$11.09
7799	11/21/13	11	23	26	\$3.27	\$ 22.95	\$21.75					\$8.22
7800	11/21/13	11	24	26	\$4.16	\$ 22.95	\$21.03					\$10.48
7801	11/22/13	11	1	25	\$4.47	\$ 22.23	\$21.03					\$11.25
7802	11/22/13	11	2	25	\$5.01	\$ 22.23	\$21.03					\$12.60
7803	11/22/13	11	3	25	\$5.01	\$ 22.23	\$21.03					\$12.62
7804	11/22/13	11	4	25	\$5.40	\$ 22.23	\$21.03					\$13.59
7805	11/22/13	11	5	25	\$6.11	\$ 22.23	\$21.03					\$15.38
7806	11/22/13	11	6	27	\$10.13	\$ 24.09	\$21.75					\$25.49
7807	11/22/13	11	7	28	\$12.29	\$ 25.89	\$24.69					\$30.93
7808	11/22/13	11	8	29	\$12.56	\$ 28.65	\$27.35					\$31.62
7809	11/22/13	11	9	28	\$13.47	\$ 25.89	\$24.69					\$33.90
7810	11/22/13	11	10	28	\$13.27	\$ 25.89	\$22.90					\$33.41
7811	11/22/13	11	11	30	\$12.80	\$ 32.53	\$27.35					\$32.21
7812	11/22/13	11	12	29	\$12.06	\$ 28.65	\$27.35					\$30.35
7813	11/22/13	11	13	29	\$11.76	\$ 28.65	\$24.69					\$29.61
7814	11/22/13	11	14	28	\$11.07	\$ 25.89	\$24.69					\$27.86
7815	11/22/13	11	15	28	\$10.58	\$ 25.89	\$22.90					\$26.63
7816	11/22/13	11	16	28	\$10.14	\$ 25.89	\$22.90					\$25.53
7817	11/22/13	11	17	29	\$13.15	\$ 28.65	\$24.69					\$33.09
7818	11/22/13	11	18	30	\$14.49	\$ 32.53	\$31.07					\$36.47
7819	11/22/13	11	19	30	\$12.40	\$ 32.53	\$31.07					\$31.21
7820	11/22/13	11	20	30	\$10.58	\$ 32.53	\$27.35					\$26.63
7821	11/22/13	11	21	30	\$9.89	\$ 32.53	\$27.35					\$24.89
7822	11/22/13	11	22	29	\$8.39	\$ 28.65	\$27.35					\$21.13
7823	11/22/13	11	23	28	\$7.22	\$ 25.89	\$24.69					\$18.18
7824	11/22/13	11	24	27	\$7.15	\$ 24.09	\$22.90					\$17.99
7825	11/23/13	11	1	27	\$6.61	\$ 24.09	\$22.90					\$16.64
7826	11/23/13	11	2	26	\$6.28	\$ 22.95	\$21.75					\$15.80
7827	11/23/13	11	3	26	\$6.59	\$ 22.95	\$21.75					\$16.58
7828	11/23/13	11	4	26	\$6.44	\$ 22.95	\$21.75					\$16.22
7829	11/23/13	11	5	27	\$7.16	\$ 24.09	\$21.75					\$18.02
7830	11/23/13	11	6	27	\$9.21	\$ 24.09	\$22.90					\$23.17
7831	11/23/13	11	7	28	\$9.73	\$ 25.89	\$24.69					\$24.48
7832	11/23/13	11	8	28	\$10.97	\$ 25.89	\$24.69					\$27.62
7833	11/23/13	11	9	29	\$13.25	\$ 28.65	\$24.69					\$33.36
7834	11/23/13	11	10	29	\$14.55	\$ 28.65	\$24.69					\$36.62
7835	11/23/13	11	11	29	\$14.65	\$ 28.65	\$24.69					\$36.88
7836	11/23/13	11	12	29	\$12.90	\$ 28.65	\$24.69					\$32.46
7837	11/23/13	11	13	28	\$11.99	\$ 25.89	\$24.69					\$30.17
7838	11/23/13	11	14	28	\$12.43	\$ 25.89	\$22.90					\$31.28
7839	11/23/13	11	15	28	\$12.00	\$ 25.89	\$22.90					\$30.20
7840	11/23/13	11	16	27	\$12.45	\$ 24.09	\$22.90					\$31.35

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7841	11/23/13	11	17	28	\$16.90	\$ 25.89	\$22.90					\$42.55
7842	11/23/13	11	18	29	\$19.79	\$ 28.65	\$27.35					\$49.81
7843	11/23/13	11	19	29	\$18.25	\$ 28.65	\$27.35					\$45.94
7844	11/23/13	11	20	29	\$16.79	\$ 28.65	\$27.35					\$42.25
7845	11/23/13	11	21	29	\$15.12	\$ 28.65	\$27.35					\$38.07
7846	11/23/13	11	22	28	\$14.35	\$ 25.89	\$24.69					\$36.11
7847	11/23/13	11	23	27	\$12.56	\$ 24.09	\$22.90					\$31.62
7848	11/23/13	11	24	27	\$12.90	\$ 24.09	\$22.90					\$32.47
7849	11/24/13	11	1	27	\$11.42	\$ 24.09	\$22.90					\$28.74
7850	11/24/13	11	2	26	\$9.95	\$ 22.95	\$21.75					\$25.05
7851	11/24/13	11	3	26	\$9.88	\$ 22.95	\$21.75					\$24.88
7852	11/24/13	11	4	26	\$8.88	\$ 22.95	\$21.75					\$22.35
7853	11/24/13	11	5	26	\$8.30	\$ 22.95	\$21.75					\$20.89
7854	11/24/13	11	6	27	\$8.38	\$ 24.09	\$21.75					\$21.10
7855	11/24/13	11	7	27	\$10.56	\$ 24.09	\$22.90					\$26.58
7856	11/24/13	11	8	27	\$9.88	\$ 24.09	\$22.90					\$24.88
7857	11/24/13	11	9	27	\$9.86	\$ 24.09	\$22.90					\$24.83
7858	11/24/13	11	10	27	\$9.35	\$ 24.09	\$21.75					\$23.53
7859	11/24/13	11	11	26	\$8.25	\$ 22.95	\$21.75					\$20.76
7860	11/24/13	11	12	26	\$6.77	\$ 22.95	\$21.75					\$17.04
7861	11/24/13	11	13	26	\$5.84	\$ 22.95	\$21.75					\$14.70
7862	11/24/13	11	14	25	\$5.22	\$ 22.23	\$21.03					\$13.15
7863	11/24/13	11	15	25	\$4.96	\$ 22.23	\$21.03					\$12.49
7864	11/24/13	11	16	25	\$4.89	\$ 22.23	\$21.03					\$12.31
7865	11/24/13	11	17	26	\$6.57	\$ 22.95	\$21.75					\$16.54
7866	11/24/13	11	18	28	\$9.10	\$ 25.89	\$22.90					\$22.90
7867	11/24/13	11	19	28	\$6.90	\$ 25.89	\$24.69					\$17.37
7868	11/24/13	11	20	28	\$6.38	\$ 25.89	\$24.69					\$16.05
7869	11/24/13	11	21	28	\$5.09	\$ 25.89	\$22.90					\$12.81
7870	11/24/13	11	22	27	\$3.91	\$ 24.09	\$22.90					\$9.84
7871	11/24/13	11	23	25	\$2.69	\$ 22.23	\$21.03					\$6.78
7872	11/24/13	11	24	25	\$3.06	\$ 22.23	\$21.03					\$7.70
7873	11/25/13	11	1	25	\$3.53	\$ 22.23	\$20.59					\$8.89
7874	11/25/13	11	2	25	\$2.66	\$ 22.23	\$20.59					\$6.69
7875	11/25/13	11	3	25	\$2.91	\$ 22.23	\$20.59					\$7.32
7876	11/25/13	11	4	25	\$2.90	\$ 22.23	\$20.59					\$7.29
7877	11/25/13	11	5	25	\$4.75	\$ 22.23	\$21.03					\$11.95
7878	11/25/13	11	6	26	\$6.61	\$ 22.95	\$21.75					\$16.64
7879	11/25/13	11	7	28	\$10.46	\$ 25.89	\$24.69					\$26.34
7880	11/25/13	11	8	30	\$11.16	\$ 32.53	\$27.35					\$28.09
7881	11/25/13	11	9	29	\$12.22	\$ 28.65	\$24.69					\$30.76
7882	11/25/13	11	10	29	\$12.70	\$ 28.65	\$24.69					\$31.97
7883	11/25/13	11	11	29	\$12.34	\$ 28.65	\$24.69					\$31.05
7884	11/25/13	11	12	29	\$11.09	\$ 28.65	\$24.69					\$27.91
7885	11/25/13	11	13	28	\$10.85	\$ 25.89	\$24.69					\$27.31
7886	11/25/13	11	14	28	\$10.56	\$ 25.89	\$22.90					\$26.59
7887	11/25/13	11	15	28	\$10.36	\$ 25.89	\$22.90					\$26.08
7888	11/25/13	11	16	28	\$10.53	\$ 25.89	\$22.90					\$26.51
7889	11/25/13	11	17	28	\$16.94	\$ 25.89	\$22.90					\$42.65
7890	11/25/13	11	18	29	\$19.57	\$ 28.65	\$24.69					\$49.27
7891	11/25/13	11	19	29	\$15.31	\$ 28.65	\$24.69					\$38.53
7892	11/25/13	11	20	28	\$13.07	\$ 25.89	\$24.69					\$32.91
7893	11/25/13	11	21	28	\$11.61	\$ 25.89	\$22.90					\$29.23
7894	11/25/13	11	22	27	\$9.17	\$ 24.09	\$22.90					\$23.08
7895	11/25/13	11	23	26	\$8.85	\$ 22.95	\$21.03					\$22.28
7896	11/25/13	11	24	25	\$6.52	\$ 22.23	\$20.59					\$16.40

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7897	11/26/13	11	1	24	\$6.44	\$ 21.76	\$20.59					\$16.22
7898	11/26/13	11	2	24	\$5.94	\$ 21.76	\$20.59					\$14.95
7899	11/26/13	11	3	24	\$5.81	\$ 21.76	\$20.59					\$14.63
7900	11/26/13	11	4	24	\$5.76	\$ 21.76	\$20.33					\$14.51
7901	11/26/13	11	5	23	\$5.86	\$ 21.48	\$20.33					\$14.74
7902	11/26/13	11	6	24	\$6.57	\$ 21.76	\$20.59					\$16.54
7903	11/26/13	11	7	26	\$8.26	\$ 22.95	\$21.03					\$20.79
7904	11/26/13	11	8	26	\$7.77	\$ 22.95	\$21.03					\$19.57
7905	11/26/13	11	9	24	\$8.44	\$ 21.76	\$20.59					\$21.24
7906	11/26/13	11	10	25	\$6.76	\$ 22.23	\$20.59					\$17.01
7907	11/26/13	11	11	25	\$6.69	\$ 22.23	\$20.59					\$16.84
7908	11/26/13	11	12	24	\$5.86	\$ 21.76	\$20.33					\$14.74
7909	11/26/13	11	13	24	\$5.15	\$ 21.76	\$20.59					\$12.97
7910	11/26/13	11	14	25	\$4.88	\$ 22.23	\$20.59					\$12.29
7911	11/26/13	11	15	25	\$5.98	\$ 22.23	\$20.59					\$15.04
7912	11/26/13	11	16	26	\$6.32	\$ 22.95	\$21.03					\$15.91
7913	11/26/13	11	17	27	\$9.96	\$ 24.09	\$21.75					\$25.08
7914	11/26/13	11	18	30	\$13.85	\$ 32.53	\$27.35					\$34.87
7915	11/26/13	11	19	30	\$11.52	\$ 32.53	\$27.35					\$28.99
7916	11/26/13	11	20	29	\$10.29	\$ 28.65	\$27.35					\$25.91
7917	11/26/13	11	21	29	\$9.27	\$ 28.65	\$24.69					\$23.33
7918	11/26/13	11	22	28	\$7.70	\$ 25.89	\$24.69					\$19.39
7919	11/26/13	11	23	27	\$7.38	\$ 24.09	\$22.90					\$18.58
7920	11/26/13	11	24	27	\$8.48	\$ 24.09	\$21.75					\$21.35
7921	11/27/13	11	1	26	\$8.47	\$ 22.95	\$21.75					\$21.32
7922	11/27/13	11	2	26	\$8.36	\$ 22.95	\$21.75					\$21.05
7923	11/27/13	11	3	26	\$8.39	\$ 22.95	\$21.75					\$21.12
7924	11/27/13	11	4	26	\$8.74	\$ 22.95	\$21.75					\$21.99
7925	11/27/13	11	5	27	\$9.80	\$ 24.09	\$21.75					\$24.67
7926	11/27/13	11	6	28	\$11.70	\$ 25.89	\$22.90					\$29.44
7927	11/27/13	11	7	29	\$16.28	\$ 28.65	\$27.35					\$40.99
7928	11/27/13	11	8	30	\$17.33	\$ 32.53	\$31.07					\$43.61
7929	11/27/13	11	9	30	\$17.90	\$ 32.53	\$31.07					\$45.06
7930	11/27/13	11	10	30	\$17.24	\$ 32.53	\$31.07					\$43.39
7931	11/27/13	11	11	30	\$16.21	\$ 32.53	\$27.35					\$40.79
7932	11/27/13	11	12	29	\$15.67	\$ 28.65	\$27.35					\$39.43
7933	11/27/13	11	13	28	\$13.68	\$ 25.89	\$24.69					\$34.44
7934	11/27/13	11	14	28	\$12.80	\$ 25.89	\$24.69					\$32.21
7935	11/27/13	11	15	28	\$11.79	\$ 25.89	\$24.69					\$29.67
7936	11/27/13	11	16	28	\$11.44	\$ 25.89	\$24.69					\$28.79
7937	11/27/13	11	17	28	\$15.16	\$ 25.89	\$24.69					\$38.16
7938	11/27/13	11	18	29	\$16.51	\$ 28.65	\$24.69					\$41.55
7939	11/27/13	11	19	29	\$14.24	\$ 28.65	\$27.35					\$35.84
7940	11/27/13	11	20	29	\$12.29	\$ 28.65	\$24.69					\$30.94
7941	11/27/13	11	21	28	\$10.93	\$ 25.89	\$24.69					\$27.51
7942	11/27/13	11	22	27	\$10.26	\$ 24.09	\$22.90					\$25.82
7943	11/27/13	11	23	26	\$7.85	\$ 22.95	\$21.75					\$19.76
7944	11/27/13	11	24	25	\$9.92	\$ 22.23	\$20.59					\$24.97
7945	11/28/13	11	1	24	\$8.37	\$ 21.76	\$20.59					\$21.08
7946	11/28/13	11	2	24	\$8.48	\$ 21.76	\$20.59					\$21.34
7947	11/28/13	11	3	24	\$8.32	\$ 21.76	\$20.59					\$20.93
7948	11/28/13	11	4	24	\$8.38	\$ 21.76	\$20.33					\$21.09
7949	11/28/13	11	5	24	\$8.82	\$ 21.76	\$20.33					\$22.20
7950	11/28/13	11	6	24	\$8.66	\$ 21.76	\$20.59					\$21.79
7951	11/28/13	11	7	25	\$9.20	\$ 22.23	\$21.03					\$23.16
7952	11/28/13	11	8	25	\$9.80	\$ 22.23	\$21.03					\$24.67

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
7953	11/28/13	11	9	25	\$12.25	\$ 22.23	\$21.03					\$30.83
7954	11/28/13	11	10	25	\$11.98	\$ 22.23	\$21.03					\$30.16
7955	11/28/13	11	11	25	\$12.59	\$ 22.23	\$21.03					\$31.68
7956	11/28/13	11	12	25	\$10.50	\$ 22.23	\$21.03					\$26.43
7957	11/28/13	11	13	24	\$8.86	\$ 21.76	\$20.59					\$22.31
7958	11/28/13	11	14	22	\$8.50	\$ 21.32	\$20.19					\$21.40
7959	11/28/13	11	15	22	\$8.35	\$ 21.32	\$20.19					\$21.02
7960	11/28/13	11	16	22	\$8.69	\$ 21.32	\$20.19					\$21.87
7961	11/28/13	11	17	23	\$10.57	\$ 21.48	\$20.33					\$26.60
7962	11/28/13	11	18	24	\$13.22	\$ 21.76	\$20.59					\$33.28
7963	11/28/13	11	19	24	\$12.84	\$ 21.76	\$20.59					\$32.33
7964	11/28/13	11	20	25	\$13.89	\$ 22.23	\$20.59					\$34.96
7965	11/28/13	11	21	24	\$13.14	\$ 21.76	\$20.59					\$33.08
7966	11/28/13	11	22	24	\$11.39	\$ 21.76	\$20.59					\$28.67
7967	11/28/13	11	23	24	\$10.71	\$ 21.76	\$20.59					\$26.97
7968	11/28/13	11	24	23	\$9.29	\$ 21.48	\$20.33					\$23.38
7969	11/29/13	11	1	23	\$9.03	\$ 21.48	\$20.33					\$22.74
7970	11/29/13	11	2	23	\$8.88	\$ 21.48	\$20.33					\$22.34
7971	11/29/13	11	3	23	\$8.80	\$ 21.48	\$20.33					\$22.14
7972	11/29/13	11	4	23	\$8.73	\$ 21.48	\$20.33					\$21.98
7973	11/29/13	11	5	24	\$8.68	\$ 21.76	\$20.59					\$21.86
7974	11/29/13	11	6	24	\$8.30	\$ 21.76	\$20.59					\$20.88
7975	11/29/13	11	7	25	\$8.44	\$ 22.23	\$21.03					\$21.25
7976	11/29/13	11	8	26	\$8.62	\$ 22.95	\$21.03					\$21.70
7977	11/29/13	11	9	26	\$9.10	\$ 22.95	\$21.75					\$22.91
7978	11/29/13	11	10	25	\$8.70	\$ 22.23	\$21.03					\$21.90
7979	11/29/13	11	11	24	\$7.96	\$ 21.76	\$20.59					\$20.03
7980	11/29/13	11	12	24	\$7.05	\$ 21.76	\$20.59					\$17.75
7981	11/29/13	11	13	24	\$6.51	\$ 21.76	\$20.59					\$16.39
7982	11/29/13	11	14	24	\$6.32	\$ 21.76	\$20.59					\$15.91
7983	11/29/13	11	15	24	\$6.03	\$ 21.76	\$20.59					\$15.19
7984	11/29/13	11	16	24	\$5.86	\$ 21.76	\$20.59					\$14.74
7985	11/29/13	11	17	25	\$6.08	\$ 22.23	\$21.03					\$15.30
7986	11/29/13	11	18	26	\$6.31	\$ 22.95	\$21.75					\$15.89
7987	11/29/13	11	19	26	\$5.49	\$ 22.95	\$21.75					\$13.81
7988	11/29/13	11	20	26	\$5.57	\$ 22.95	\$21.03					\$14.01
7989	11/29/13	11	21	25	\$4.57	\$ 22.23	\$21.03					\$11.50
7990	11/29/13	11	22	25	\$4.50	\$ 22.23	\$20.59					\$11.33
7991	11/29/13	11	23	24	\$4.05	\$ 21.76	\$20.59					\$10.19
7992	11/29/13	11	24	23	\$1.44	\$ 21.48	\$20.33					\$3.62
7993	11/30/13	11	1	22	\$1.17	\$ 21.32	\$20.19					\$2.95
7994	11/30/13	11	2	21	\$1.94	\$ 21.25	\$20.13					\$4.89
7995	11/30/13	11	3	19	\$4.22	\$ 21.20	\$20.09					\$10.63
7996	11/30/13	11	4	19	\$5.54	\$ 21.20	\$20.09					\$13.94
7997	11/30/13	11	5	20	\$6.08	\$ 21.22	\$20.10					\$15.31
7998	11/30/13	11	6	21	\$7.57	\$ 21.25	\$20.10					\$19.05
7999	11/30/13	11	7	23	\$8.12	\$ 21.48	\$20.19					\$20.44
8000	11/30/13	11	8	24	\$9.03	\$ 21.76	\$20.33					\$22.72
8001	11/30/13	11	9	24	\$11.50	\$ 21.76	\$20.33					\$28.95
8002	11/30/13	11	10	24	\$12.06	\$ 21.76	\$20.33					\$30.36
8003	11/30/13	11	11	23	\$12.43	\$ 21.48	\$20.33					\$31.29
8004	11/30/13	11	12	23	\$11.47	\$ 21.48	\$20.33					\$28.86
8005	11/30/13	11	13	23	\$11.22	\$ 21.48	\$20.33					\$28.24
8006	11/30/13	11	14	23	\$10.96	\$ 21.48	\$20.19					\$27.58
8007	11/30/13	11	15	22	\$10.56	\$ 21.32	\$20.19					\$26.57
8008	11/30/13	11	16	22	\$10.44	\$ 21.32	\$20.19					\$26.28

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8009	11/30/13	11	17	23	\$14.37	\$ 21.48	\$20.33					\$36.17
8010	11/30/13	11	18	24	\$15.63	\$ 21.76	\$20.59					\$39.33
8011	11/30/13	11	19	24	\$13.32	\$ 21.76	\$20.59					\$33.54
8012	11/30/13	11	20	24	\$12.63	\$ 21.76	\$20.59					\$31.79
8013	11/30/13	11	21	24	\$11.00	\$ 21.76	\$20.59					\$27.70
8014	11/30/13	11	22	24	\$10.24	\$ 21.76	\$20.59					\$25.77
8015	11/30/13	11	23	23	\$9.80	\$ 21.48	\$20.33					\$24.67
8016	11/30/13	11	24	23	\$9.30	\$ 21.48	\$20.33					\$23.42
8017	12/01/13	12	1	22	\$9.30	\$ 21.32	\$20.19					\$23.40
8018	12/01/13	12	2	22	\$9.10	\$ 21.32	\$20.19					\$22.90
8019	12/01/13	12	3	22	\$9.16	\$ 21.32	\$20.19					\$23.06
8020	12/01/13	12	4	22	\$9.12	\$ 21.32	\$20.19					\$22.95
8021	12/01/13	12	5	22	\$9.35	\$ 21.32	\$20.19					\$23.54
8022	12/01/13	12	6	22	\$9.77	\$ 21.32	\$20.19					\$24.60
8023	12/01/13	12	7	23	\$10.04	\$ 21.48	\$20.33					\$25.26
8024	12/01/13	12	8	23	\$10.79	\$ 21.48	\$20.33					\$27.16
8025	12/01/13	12	9	24	\$12.22	\$ 21.76	\$20.59					\$30.75
8026	12/01/13	12	10	24	\$13.07	\$ 21.76	\$20.59					\$32.90
8027	12/01/13	12	11	24	\$12.96	\$ 21.76	\$20.59					\$32.63
8028	12/01/13	12	12	23	\$11.50	\$ 21.48	\$20.33					\$28.94
8029	12/01/13	12	13	23	\$11.08	\$ 21.48	\$20.33					\$27.89
8030	12/01/13	12	14	23	\$10.59	\$ 21.48	\$20.33					\$26.65
8031	12/01/13	12	15	23	\$10.49	\$ 21.48	\$20.33					\$26.41
8032	12/01/13	12	16	23	\$11.22	\$ 21.48	\$20.33					\$28.24
8033	12/01/13	12	17	24	\$20.30	\$ 21.76	\$20.59					\$51.09
8034	12/01/13	12	18	25	\$21.78	\$ 22.23	\$21.03					\$54.82
8035	12/01/13	12	19	25	\$18.66	\$ 22.23	\$21.03					\$46.98
8036	12/01/13	12	20	25	\$16.90	\$ 22.23	\$21.03					\$42.54
8037	12/01/13	12	21	25	\$12.45	\$ 22.23	\$21.03					\$31.34
8038	12/01/13	12	22	24	\$11.04	\$ 21.76	\$20.59					\$27.79
8039	12/01/13	12	23	23	\$10.40	\$ 21.48	\$20.33					\$26.17
8040	12/01/13	12	24	23	\$8.08	\$ 21.48	\$20.33					\$20.35
8041	12/02/13	12	1	22	\$7.89	\$ 21.32	\$20.19					\$19.87
8042	12/02/13	12	2	22	\$7.79	\$ 21.32	\$20.19					\$19.61
8043	12/02/13	12	3	22	\$7.65	\$ 21.32	\$20.19					\$19.26
8044	12/02/13	12	4	23	\$7.63	\$ 21.48	\$20.33					\$19.20
8045	12/02/13	12	5	23	\$8.67	\$ 21.48	\$20.33					\$21.83
8046	12/02/13	12	6	24	\$9.21	\$ 21.76	\$20.59					\$23.18
8047	12/02/13	12	7	26	\$12.36	\$ 22.95	\$21.75					\$31.10
8048	12/02/13	12	8	28	\$13.14	\$ 25.89	\$22.90					\$33.08
8049	12/02/13	12	9	28	\$12.81	\$ 25.89	\$22.90					\$32.25
8050	12/02/13	12	10	28	\$12.68	\$ 25.89	\$22.90					\$31.92
8051	12/02/13	12	11	28	\$11.97	\$ 25.89	\$22.90					\$30.12
8052	12/02/13	12	12	28	\$11.64	\$ 25.89	\$22.90					\$29.30
8053	12/02/13	12	13	27	\$11.11	\$ 24.09	\$21.75					\$27.96
8054	12/02/13	12	14	27	\$10.59	\$ 24.09	\$21.75					\$26.66
8055	12/02/13	12	15	27	\$10.73	\$ 24.09	\$21.75					\$27.02
8056	12/02/13	12	16	27	\$11.40	\$ 24.09	\$21.75					\$28.69
8057	12/02/13	12	17	27	\$16.53	\$ 24.09	\$22.90					\$41.61
8058	12/02/13	12	18	28	\$16.99	\$ 25.89	\$22.90					\$42.77
8059	12/02/13	12	19	28	\$14.79	\$ 25.89	\$22.90					\$37.24
8060	12/02/13	12	20	27	\$13.04	\$ 24.09	\$22.90					\$32.83
8061	12/02/13	12	21	28	\$10.43	\$ 25.89	\$22.90					\$26.26
8062	12/02/13	12	22	27	\$8.24	\$ 24.09	\$21.75					\$20.74
8063	12/02/13	12	23	25	\$7.29	\$ 22.23	\$21.03					\$18.36
8064	12/02/13	12	24	24	\$8.84	\$ 21.76	\$20.59					\$22.26

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8065	12/03/13	12	1	23	\$8.22	\$ 21.48	\$20.33					\$20.69
8066	12/03/13	12	2	22	\$8.07	\$ 21.32	\$20.19					\$20.32
8067	12/03/13	12	3	22	\$7.89	\$ 21.32	\$20.13					\$19.85
8068	12/03/13	12	4	22	\$7.59	\$ 21.32	\$20.19					\$19.11
8069	12/03/13	12	5	22	\$7.68	\$ 21.32	\$20.19					\$19.34
8070	12/03/13	12	6	24	\$9.31	\$ 21.76	\$20.33					\$23.44
8071	12/03/13	12	7	25	\$11.31	\$ 22.23	\$21.03					\$28.48
8072	12/03/13	12	8	26	\$12.04	\$ 22.95	\$21.75					\$30.31
8073	12/03/13	12	9	27	\$13.00	\$ 24.09	\$21.75					\$32.71
8074	12/03/13	12	10	26	\$12.89	\$ 22.95	\$21.75					\$32.44
8075	12/03/13	12	11	27	\$13.41	\$ 24.09	\$21.75					\$33.76
8076	12/03/13	12	12	26	\$12.87	\$ 22.95	\$21.75					\$32.40
8077	12/03/13	12	13	26	\$11.76	\$ 22.95	\$21.03					\$29.59
8078	12/03/13	12	14	25	\$11.46	\$ 22.23	\$21.03					\$28.85
8079	12/03/13	12	15	25	\$10.94	\$ 22.23	\$21.03					\$27.54
8080	12/03/13	12	16	25	\$11.10	\$ 22.23	\$21.03					\$27.95
8081	12/03/13	12	17	26	\$15.41	\$ 22.95	\$21.03					\$38.78
8082	12/03/13	12	18	27	\$15.26	\$ 24.09	\$21.75					\$38.42
8083	12/03/13	12	19	27	\$11.26	\$ 24.09	\$21.75					\$28.33
8084	12/03/13	12	20	26	\$10.00	\$ 22.95	\$21.75					\$25.18
8085	12/03/13	12	21	26	\$7.36	\$ 22.95	\$21.75					\$18.53
8086	12/03/13	12	22	26	\$6.32	\$ 22.95	\$21.75					\$15.91
8087	12/03/13	12	23	25	\$6.00	\$ 22.23	\$20.59					\$15.11
8088	12/03/13	12	24	24	\$8.63	\$ 21.76	\$20.59					\$21.71
8089	12/04/13	12	1	24	\$7.87	\$ 21.76	\$20.59					\$19.80
8090	12/04/13	12	2	22	\$7.55	\$ 21.32	\$20.19					\$19.01
8091	12/04/13	12	3	22	\$7.26	\$ 21.32	\$20.19					\$18.28
8092	12/04/13	12	4	23	\$7.48	\$ 21.48	\$20.33					\$18.83
8093	12/04/13	12	5	23	\$7.71	\$ 21.48	\$20.33					\$19.40
8094	12/04/13	12	6	25	\$8.96	\$ 22.23	\$20.59					\$22.55
8095	12/04/13	12	7	27	\$10.77	\$ 24.09	\$21.75					\$27.10
8096	12/04/13	12	8	28	\$10.85	\$ 25.89	\$22.90					\$27.32
8097	12/04/13	12	9	28	\$10.48	\$ 25.89	\$24.69					\$26.39
8098	12/04/13	12	10	28	\$9.77	\$ 25.89	\$24.69					\$24.58
8099	12/04/13	12	11	28	\$9.21	\$ 25.89	\$24.69					\$23.17
8100	12/04/13	12	12	28	\$8.42	\$ 25.89	\$24.69					\$21.20
8101	12/04/13	12	13	28	\$7.64	\$ 25.89	\$24.69					\$19.24
8102	12/04/13	12	14	28	\$6.94	\$ 25.89	\$22.90					\$17.48
8103	12/04/13	12	15	29	\$6.26	\$ 28.65	\$24.69					\$15.76
8104	12/04/13	12	16	29	\$5.89	\$ 28.65	\$24.69					\$14.83
8105	12/04/13	12	17	29	\$8.34	\$ 28.65	\$27.35					\$21.00
8106	12/04/13	12	18	30	\$9.80	\$ 32.53	\$31.07					\$24.66
8107	12/04/13	12	19	30	\$8.58	\$ 32.53	\$31.07					\$21.59
8108	12/04/13	12	20	30	\$7.12	\$ 32.53	\$31.07					\$17.91
8109	12/04/13	12	21	30	\$5.71	\$ 32.53	\$27.35					\$14.36
8110	12/04/13	12	22	29	\$5.18	\$ 28.65	\$27.35					\$13.03
8111	12/04/13	12	23	28	\$4.20	\$ 25.89	\$24.69					\$10.57
8112	12/04/13	12	24	27	\$4.31	\$ 24.09	\$21.75					\$10.86
8113	12/05/13	12	1	26	\$3.81	\$ 22.95	\$21.75					\$9.58
8114	12/05/13	12	2	26	\$3.46	\$ 22.95	\$21.75					\$8.71
8115	12/05/13	12	3	26	\$3.22	\$ 22.95	\$21.75					\$8.10
8116	12/05/13	12	4	26	\$4.50	\$ 22.95	\$21.75					\$11.32
8117	12/05/13	12	5	27	\$5.88	\$ 24.09	\$21.75					\$14.81
8118	12/05/13	12	6	28	\$7.25	\$ 25.89	\$24.69					\$18.26
8119	12/05/13	12	7	30	\$8.87	\$ 32.53	\$31.07					\$22.33
8120	12/05/13	12	8	31	\$9.91	\$ 38.08	\$36.21					\$24.94

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8121	12/05/13	12	9	31	\$9.04	\$ 38.08	\$36.21					\$22.76
8122	12/05/13	12	10	31	\$9.37	\$ 38.08	\$31.07					\$23.58
8123	12/05/13	12	11	31	\$9.33	\$ 38.08	\$31.07					\$23.49
8124	12/05/13	12	12	31	\$8.87	\$ 38.08	\$31.07					\$22.32
8125	12/05/13	12	13	30	\$8.82	\$ 32.53	\$27.35					\$22.21
8126	12/05/13	12	14	30	\$9.66	\$ 32.53	\$31.07					\$24.32
8127	12/05/13	12	15	30	\$9.93	\$ 32.53	\$27.35					\$24.99
8128	12/05/13	12	16	30	\$10.50	\$ 32.53	\$27.35					\$26.43
8129	12/05/13	12	17	30	\$16.35	\$ 32.53	\$31.07					\$41.16
8130	12/05/13	12	18	32	\$18.63	\$ 45.72	\$36.21					\$46.90
8131	12/05/13	12	19	32	\$17.28	\$ 45.72	\$43.07					\$43.50
8132	12/05/13	12	20	32	\$15.55	\$ 45.72	\$36.21					\$39.13
8133	12/05/13	12	21	32	\$13.64	\$ 45.72	\$36.21					\$34.33
8134	12/05/13	12	22	31	\$10.84	\$ 38.08	\$36.21					\$27.28
8135	12/05/13	12	23	30	\$10.48	\$ 32.53	\$27.35					\$26.38
8136	12/05/13	12	24	28	\$9.72	\$ 25.89	\$24.69					\$24.46
8137	12/06/13	12	1	28	\$9.28	\$ 25.89	\$24.69					\$23.37
8138	12/06/13	12	2	28	\$8.68	\$ 25.89	\$24.69					\$21.86
8139	12/06/13	12	3	28	\$8.92	\$ 25.89	\$24.69					\$22.45
8140	12/06/13	12	4	28	\$9.48	\$ 25.89	\$22.90					\$23.86
8141	12/06/13	12	5	28	\$10.53	\$ 25.89	\$24.69					\$26.51
8142	12/06/13	12	6	29	\$12.84	\$ 28.65	\$27.35					\$32.33
8143	12/06/13	12	7	31	\$16.25	\$ 38.08	\$31.07					\$40.90
8144	12/06/13	12	8	32	\$17.34	\$ 45.72	\$43.07					\$43.64
8145	12/06/13	12	9	32	\$17.47	\$ 45.72	\$43.07					\$43.98
8146	12/06/13	12	10	31	\$16.41	\$ 38.08	\$36.21					\$41.31
8147	12/06/13	12	11	31	\$15.86	\$ 38.08	\$36.21					\$39.93
8148	12/06/13	12	12	31	\$14.46	\$ 38.08	\$36.21					\$36.39
8149	12/06/13	12	13	31	\$13.47	\$ 38.08	\$31.07					\$33.91
8150	12/06/13	12	14	31	\$12.79	\$ 38.08	\$31.07					\$32.19
8151	12/06/13	12	15	30	\$12.13	\$ 32.53	\$31.07					\$30.54
8152	12/06/13	12	16	30	\$12.83	\$ 32.53	\$31.07					\$32.29
8153	12/06/13	12	17	30	\$18.13	\$ 32.53	\$31.07					\$45.64
8154	12/06/13	12	18	32	\$18.52	\$ 45.72	\$36.21					\$46.62
8155	12/06/13	12	19	32	\$16.30	\$ 45.72	\$36.21					\$41.04
8156	12/06/13	12	20	32	\$16.33	\$ 45.72	\$43.07					\$41.10
8157	12/06/13	12	21	31	\$14.39	\$ 38.08	\$36.21					\$36.23
8158	12/06/13	12	22	31	\$13.52	\$ 38.08	\$36.21					\$34.03
8159	12/06/13	12	23	30	\$11.96	\$ 32.53	\$31.07					\$30.11
8160	12/06/13	12	24	29	\$11.73	\$ 28.65	\$27.35					\$29.53
8161	12/07/13	12	1	28	\$11.55	\$ 25.89	\$24.69					\$29.08
8162	12/07/13	12	2	28	\$10.55	\$ 25.89	\$24.69					\$26.56
8163	12/07/13	12	3	28	\$10.37	\$ 25.89	\$24.69					\$26.10
8164	12/07/13	12	4	28	\$11.08	\$ 25.89	\$24.69					\$27.90
8165	12/07/13	12	5	28	\$11.37	\$ 25.89	\$24.69					\$28.61
8166	12/07/13	12	6	29	\$14.43	\$ 28.65	\$27.35					\$36.31
8167	12/07/13	12	7	30	\$17.52	\$ 32.53	\$27.35					\$44.10
8168	12/07/13	12	8	30	\$18.90	\$ 32.53	\$31.07					\$47.57
8169	12/07/13	12	9	30	\$19.99	\$ 32.53	\$31.07					\$50.31
8170	12/07/13	12	10	31	\$20.10	\$ 38.08	\$31.07					\$50.60
8171	12/07/13	12	11	31	\$19.77	\$ 38.08	\$31.07					\$49.77
8172	12/07/13	12	12	30	\$17.07	\$ 32.53	\$27.35					\$42.97
8173	12/07/13	12	13	29	\$15.85	\$ 28.65	\$27.35					\$39.89
8174	12/07/13	12	14	29	\$14.10	\$ 28.65	\$24.69					\$35.49
8175	12/07/13	12	15	28	\$13.83	\$ 25.89	\$24.69					\$34.81
8176	12/07/13	12	16	28	\$14.52	\$ 25.89	\$24.69					\$36.55

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8177	12/07/13	12	17	29	\$22.04	\$ 28.65	\$27.35					\$55.48
8178	12/07/13	12	18	30	\$25.44	\$ 32.53	\$31.07					\$64.04
8179	12/07/13	12	19	30	\$21.86	\$ 32.53	\$31.07					\$55.02
8180	12/07/13	12	20	30	\$19.59	\$ 32.53	\$31.07					\$49.30
8181	12/07/13	12	21	30	\$18.54	\$ 32.53	\$31.07					\$46.66
8182	12/07/13	12	22	29	\$14.85	\$ 28.65	\$27.35					\$37.37
8183	12/07/13	12	23	28	\$12.70	\$ 25.89	\$24.69					\$31.97
8184	12/07/13	12	24	27	\$12.35	\$ 24.09	\$22.90					\$31.09
8185	12/08/13	12	1	27	\$10.58	\$ 24.09	\$22.90					\$26.64
8186	12/08/13	12	2	26	\$9.76	\$ 22.95	\$21.75					\$24.57
8187	12/08/13	12	3	26	\$9.20	\$ 22.95	\$21.75					\$23.16
8188	12/08/13	12	4	26	\$9.25	\$ 22.95	\$21.75					\$23.29
8189	12/08/13	12	5	26	\$9.50	\$ 22.95	\$21.75					\$23.92
8190	12/08/13	12	6	26	\$9.83	\$ 22.95	\$21.75					\$24.75
8191	12/08/13	12	7	27	\$13.06	\$ 24.09	\$21.75					\$32.87
8192	12/08/13	12	8	27	\$14.92	\$ 24.09	\$22.90					\$37.55
8193	12/08/13	12	9	27	\$16.28	\$ 24.09	\$22.90					\$40.97
8194	12/08/13	12	10	28	\$16.36	\$ 25.89	\$22.90					\$41.19
8195	12/08/13	12	11	27	\$15.53	\$ 24.09	\$22.90					\$39.10
8196	12/08/13	12	12	27	\$14.38	\$ 24.09	\$22.90					\$36.19
8197	12/08/13	12	13	27	\$13.14	\$ 24.09	\$22.90					\$33.08
8198	12/08/13	12	14	27	\$13.32	\$ 24.09	\$21.75					\$33.54
8199	12/08/13	12	15	27	\$13.59	\$ 24.09	\$22.90					\$34.20
8200	12/08/13	12	16	27	\$15.75	\$ 24.09	\$22.90					\$39.64
8201	12/08/13	12	17	28	\$24.94	\$ 25.89	\$24.69					\$62.78
8202	12/08/13	12	18	29	\$31.57	\$ 28.65	\$27.35					\$79.47
8203	12/08/13	12	19	30	\$26.04	\$ 32.53	\$27.35					\$65.54
8204	12/08/13	12	20	29	\$22.16	\$ 28.65	\$27.35					\$55.79
8205	12/08/13	12	21	29	\$17.75	\$ 28.65	\$24.69					\$44.68
8206	12/08/13	12	22	28	\$14.84	\$ 25.89	\$24.69					\$37.36
8207	12/08/13	12	23	27	\$11.04	\$ 24.09	\$21.75					\$27.80
8208	12/08/13	12	24	26	\$9.44	\$ 22.95	\$21.03					\$23.76
8209	12/09/13	12	1	25	\$8.42	\$ 22.23	\$21.03					\$21.19
8210	12/09/13	12	2	25	\$7.71	\$ 22.23	\$21.03					\$19.41
8211	12/09/13	12	3	26	\$7.36	\$ 22.95	\$21.03					\$18.53
8212	12/09/13	12	4	26	\$7.20	\$ 22.95	\$21.75					\$18.12
8213	12/09/13	12	5	26	\$7.63	\$ 22.95	\$21.75					\$19.21
8214	12/09/13	12	6	28	\$8.95	\$ 25.89	\$24.69					\$22.52
8215	12/09/13	12	7	30	\$12.81	\$ 32.53	\$31.07					\$32.25
8216	12/09/13	12	8	32	\$14.35	\$ 45.72	\$36.21					\$36.11
8217	12/09/13	12	9	32	\$13.28	\$ 45.72	\$36.21					\$33.42
8218	12/09/13	12	10	32	\$13.30	\$ 45.72	\$36.21					\$33.47
8219	12/09/13	12	11	32	\$12.47	\$ 45.72	\$36.21					\$31.38
8220	12/09/13	12	12	31	\$11.44	\$ 38.08	\$31.07					\$28.80
8221	12/09/13	12	13	31	\$10.69	\$ 38.08	\$31.07					\$26.90
8222	12/09/13	12	14	31	\$10.95	\$ 38.08	\$31.07					\$27.55
8223	12/09/13	12	15	30	\$11.33	\$ 32.53	\$31.07					\$28.51
8224	12/09/13	12	16	30	\$12.90	\$ 32.53	\$31.07					\$32.48
8225	12/09/13	12	17	31	\$17.50	\$ 38.08	\$31.07					\$44.05
8226	12/09/13	12	18	32	\$21.52	\$ 45.72	\$43.07					\$54.18
8227	12/09/13	12	19	33	\$17.58	\$ 56.49	\$43.07					\$44.24
8228	12/09/13	12	20	33	\$12.85	\$ 56.49	\$43.07					\$32.35
8229	12/09/13	12	21	32	\$10.84	\$ 45.72	\$43.07					\$27.28
8230	12/09/13	12	22	32	\$7.34	\$ 45.72	\$36.21					\$18.48
8231	12/09/13	12	23	31	\$5.73	\$ 38.08	\$31.07					\$14.43
8232	12/09/13	12	24	29	\$4.39	\$ 28.65	\$27.35					\$11.05

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8233	12/10/13	12	1	29	\$4.06	\$ 28.65	\$24.69					\$10.21
8234	12/10/13	12	2	29	\$3.98	\$ 28.65	\$24.69					\$10.03
8235	12/10/13	12	3	28	\$3.80	\$ 25.89	\$24.69					\$9.56
8236	12/10/13	12	4	28	\$3.67	\$ 25.89	\$24.69					\$9.23
8237	12/10/13	12	5	28	\$4.41	\$ 25.89	\$24.69					\$11.11
8238	12/10/13	12	6	29	\$5.47	\$ 28.65	\$24.69					\$13.76
8239	12/10/13	12	7	31	\$9.58	\$ 38.08	\$31.07					\$24.11
8240	12/10/13	12	8	32	\$12.67	\$ 45.72	\$43.07					\$31.89
8241	12/10/13	12	9	32	\$13.51	\$ 45.72	\$36.21					\$34.01
8242	12/10/13	12	10	31	\$13.16	\$ 38.08	\$31.07					\$33.13
8243	12/10/13	12	11	30	\$13.19	\$ 32.53	\$31.07					\$33.20
8244	12/10/13	12	12	29	\$10.29	\$ 28.65	\$27.35					\$25.91
8245	12/10/13	12	13	30	\$10.65	\$ 32.53	\$27.35					\$26.80
8246	12/10/13	12	14	30	\$11.10	\$ 32.53	\$27.35					\$27.94
8247	12/10/13	12	15	30	\$12.57	\$ 32.53	\$27.35					\$31.63
8248	12/10/13	12	16	30	\$14.95	\$ 32.53	\$27.35					\$37.62
8249	12/10/13	12	17	30	\$20.19	\$ 32.53	\$31.07					\$50.81
8250	12/10/13	12	18	32	\$26.42	\$ 45.72	\$36.21					\$66.50
8251	12/10/13	12	19	32	\$23.36	\$ 45.72	\$36.21					\$58.81
8252	12/10/13	12	20	31	\$19.71	\$ 38.08	\$36.21					\$49.60
8253	12/10/13	12	21	31	\$17.60	\$ 38.08	\$31.07					\$44.30
8254	12/10/13	12	22	30	\$13.77	\$ 32.53	\$27.35					\$34.65
8255	12/10/13	12	23	28	\$10.35	\$ 25.89	\$24.69					\$26.04
8256	12/10/13	12	24	27	\$8.82	\$ 24.09	\$22.90					\$22.20
8257	12/11/13	12	1	27	\$7.90	\$ 24.09	\$21.75					\$19.88
8258	12/11/13	12	2	26	\$6.72	\$ 22.95	\$21.75					\$16.92
8259	12/11/13	12	3	26	\$6.23	\$ 22.95	\$21.75					\$15.67
8260	12/11/13	12	4	27	\$6.04	\$ 24.09	\$21.75					\$15.21
8261	12/11/13	12	5	27	\$7.87	\$ 24.09	\$22.90					\$19.82
8262	12/11/13	12	6	28	\$11.35	\$ 25.89	\$24.69					\$28.58
8263	12/11/13	12	7	30	\$19.65	\$ 32.53	\$31.07					\$49.45
8264	12/11/13	12	8	32	\$20.91	\$ 45.72	\$36.21					\$52.63
8265	12/11/13	12	9	32	\$18.89	\$ 45.72	\$36.21					\$47.54
8266	12/11/13	12	10	31	\$20.73	\$ 38.08	\$36.21					\$52.19
8267	12/11/13	12	11	31	\$18.89	\$ 38.08	\$36.21					\$47.56
8268	12/11/13	12	12	31	\$17.63	\$ 38.08	\$31.07					\$44.38
8269	12/11/13	12	13	30	\$16.57	\$ 32.53	\$31.07					\$41.72
8270	12/11/13	12	14	31	\$16.23	\$ 38.08	\$31.07					\$40.84
8271	12/11/13	12	15	31	\$15.86	\$ 38.08	\$31.07					\$39.92
8272	12/11/13	12	16	31	\$17.12	\$ 38.08	\$31.07					\$43.08
8273	12/11/13	12	17	31	\$24.36	\$ 38.08	\$36.21					\$61.31
8274	12/11/13	12	18	33	\$27.11	\$ 56.49	\$43.07					\$68.23
8275	12/11/13	12	19	33	\$24.36	\$ 56.49	\$51.98					\$61.32
8276	12/11/13	12	20	33	\$21.25	\$ 56.49	\$51.98					\$53.50
8277	12/11/13	12	21	33	\$19.01	\$ 56.49	\$43.07					\$47.85
8278	12/11/13	12	22	31	\$15.84	\$ 38.08	\$36.21					\$39.86
8279	12/11/13	12	23	30	\$11.68	\$ 32.53	\$31.07					\$29.39
8280	12/11/13	12	24	29	\$7.25	\$ 28.65	\$27.35					\$18.24
8281	12/12/13	12	1	28	\$5.79	\$ 25.89	\$24.69					\$14.57
8282	12/12/13	12	2	28	\$5.09	\$ 25.89	\$24.69					\$12.81
8283	12/12/13	12	3	28	\$4.95	\$ 25.89	\$24.69					\$12.47
8284	12/12/13	12	4	28	\$5.94	\$ 25.89	\$22.90					\$14.96
8285	12/12/13	12	5	28	\$8.39	\$ 25.89	\$24.69					\$21.13
8286	12/12/13	12	6	29	\$11.60	\$ 28.65	\$27.35					\$29.21
8287	12/12/13	12	7	31	\$19.55	\$ 38.08	\$31.07					\$49.20
8288	12/12/13	12	8	32	\$21.49	\$ 45.72	\$43.07					\$54.08

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8289	12/12/13	12	9	31	\$20.61	\$ 38.08	\$36.21					\$51.88
8290	12/12/13	12	10	32	\$20.24	\$ 45.72	\$36.21					\$50.94
8291	12/12/13	12	11	32	\$17.80	\$ 45.72	\$36.21					\$44.81
8292	12/12/13	12	12	30	\$17.06	\$ 32.53	\$31.07					\$42.95
8293	12/12/13	12	13	30	\$15.77	\$ 32.53	\$27.35					\$39.70
8294	12/12/13	12	14	30	\$15.21	\$ 32.53	\$27.35					\$38.29
8295	12/12/13	12	15	29	\$14.45	\$ 28.65	\$27.35					\$36.38
8296	12/12/13	12	16	29	\$14.48	\$ 28.65	\$27.35					\$36.45
8297	12/12/13	12	17	30	\$21.04	\$ 32.53	\$27.35					\$52.97
8298	12/12/13	12	18	31	\$26.86	\$ 38.08	\$31.07					\$67.60
8299	12/12/13	12	19	31	\$23.47	\$ 38.08	\$31.07					\$59.07
8300	12/12/13	12	20	31	\$21.49	\$ 38.08	\$31.07					\$54.09
8301	12/12/13	12	21	31	\$20.17	\$ 38.08	\$31.07					\$50.76
8302	12/12/13	12	22	30	\$17.08	\$ 32.53	\$27.35					\$42.98
8303	12/12/13	12	23	29	\$14.17	\$ 28.65	\$24.69					\$35.67
8304	12/12/13	12	24	28	\$15.83	\$ 25.89	\$22.90					\$39.85
8305	12/13/13	12	1	27	\$12.42	\$ 24.09	\$22.90					\$31.26
8306	12/13/13	12	2	27	\$10.99	\$ 24.09	\$21.75					\$27.67
8307	12/13/13	12	3	27	\$10.02	\$ 24.09	\$21.75					\$25.22
8308	12/13/13	12	4	27	\$10.86	\$ 24.09	\$21.75					\$27.34
8309	12/13/13	12	5	27	\$12.42	\$ 24.09	\$22.90					\$31.26
8310	12/13/13	12	6	28	\$15.93	\$ 25.89	\$24.69					\$40.09
8311	12/13/13	12	7	30	\$19.70	\$ 32.53	\$27.35					\$49.58
8312	12/13/13	12	8	31	\$22.22	\$ 38.08	\$36.21					\$55.94
8313	12/13/13	12	9	31	\$21.83	\$ 38.08	\$31.07					\$54.95
8314	12/13/13	12	10	30	\$20.39	\$ 32.53	\$31.07					\$51.32
8315	12/13/13	12	11	30	\$18.76	\$ 32.53	\$27.35					\$47.23
8316	12/13/13	12	12	29	\$17.42	\$ 28.65	\$27.35					\$43.86
8317	12/13/13	12	13	29	\$15.97	\$ 28.65	\$27.35					\$40.20
8318	12/13/13	12	14	29	\$15.25	\$ 28.65	\$27.35					\$38.38
8319	12/13/13	12	15	29	\$13.25	\$ 28.65	\$24.69					\$33.35
8320	12/13/13	12	16	29	\$13.62	\$ 28.65	\$24.69					\$34.28
8321	12/13/13	12	17	29	\$18.34	\$ 28.65	\$27.35					\$46.17
8322	12/13/13	12	18	30	\$20.33	\$ 32.53	\$31.07					\$51.16
8323	12/13/13	12	19	30	\$17.20	\$ 32.53	\$31.07					\$43.30
8324	12/13/13	12	20	30	\$14.03	\$ 32.53	\$27.35					\$35.32
8325	12/13/13	12	21	29	\$14.10	\$ 28.65	\$27.35					\$35.48
8326	12/13/13	12	22	29	\$13.04	\$ 28.65	\$27.35					\$32.82
8327	12/13/13	12	23	28	\$10.60	\$ 25.89	\$24.69					\$26.68
8328	12/13/13	12	24	26	\$8.61	\$ 22.95	\$21.75					\$21.66
8329	12/14/13	12	1	26	\$8.66	\$ 22.95	\$21.75					\$21.80
8330	12/14/13	12	2	26	\$8.61	\$ 22.95	\$21.75					\$21.68
8331	12/14/13	12	3	25	\$8.73	\$ 22.23	\$21.03					\$21.98
8332	12/14/13	12	4	25	\$8.70	\$ 22.23	\$21.03					\$21.91
8333	12/14/13	12	5	26	\$9.56	\$ 22.95	\$21.75					\$24.07
8334	12/14/13	12	6	26	\$9.79	\$ 22.95	\$21.75					\$24.64
8335	12/14/13	12	7	27	\$12.15	\$ 24.09	\$22.90					\$30.59
8336	12/14/13	12	8	28	\$14.04	\$ 25.89	\$24.69					\$35.34
8337	12/14/13	12	9	28	\$16.08	\$ 25.89	\$24.69					\$40.47
8338	12/14/13	12	10	28	\$16.53	\$ 25.89	\$24.69					\$41.60
8339	12/14/13	12	11	28	\$16.90	\$ 25.89	\$24.69					\$42.54
8340	12/14/13	12	12	28	\$14.90	\$ 25.89	\$24.69					\$37.50
8341	12/14/13	12	13	27	\$13.13	\$ 24.09	\$22.90					\$33.05
8342	12/14/13	12	14	26	\$12.29	\$ 22.95	\$21.75					\$30.94
8343	12/14/13	12	15	27	\$11.79	\$ 24.09	\$21.75					\$29.67
8344	12/14/13	12	16	27	\$12.28	\$ 24.09	\$22.90					\$30.90

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8345	12/14/13	12	17	27	\$16.21	\$ 24.09	\$22.90					\$40.81
8346	12/14/13	12	18	29	\$20.17	\$ 28.65	\$27.35					\$50.77
8347	12/14/13	12	19	29	\$16.92	\$ 28.65	\$27.35					\$42.59
8348	12/14/13	12	20	29	\$15.91	\$ 28.65	\$27.35					\$40.04
8349	12/14/13	12	21	28	\$15.28	\$ 25.89	\$24.69					\$38.46
8350	12/14/13	12	22	28	\$13.90	\$ 25.89	\$24.69					\$34.98
8351	12/14/13	12	23	27	\$12.40	\$ 24.09	\$22.90					\$31.20
8352	12/14/13	12	24	26	\$12.14	\$ 22.95	\$22.90					\$30.55
8353	12/15/13	12	1	26	\$11.52	\$ 22.95	\$21.75					\$29.00
8354	12/15/13	12	2	26	\$11.23	\$ 22.95	\$21.75					\$28.26
8355	12/15/13	12	3	26	\$10.35	\$ 22.95	\$21.75					\$26.04
8356	12/15/13	12	4	26	\$10.13	\$ 22.95	\$21.03					\$25.49
8357	12/15/13	12	5	26	\$10.16	\$ 22.95	\$21.75					\$25.57
8358	12/15/13	12	6	26	\$11.57	\$ 22.95	\$21.03					\$29.12
8359	12/15/13	12	7	26	\$14.12	\$ 22.95	\$21.75					\$35.53
8360	12/15/13	12	8	26	\$15.45	\$ 22.95	\$21.75					\$38.88
8361	12/15/13	12	9	27	\$16.34	\$ 24.09	\$22.90					\$41.12
8362	12/15/13	12	10	27	\$15.83	\$ 24.09	\$22.90					\$39.84
8363	12/15/13	12	11	27	\$15.82	\$ 24.09	\$22.90					\$39.82
8364	12/15/13	12	12	27	\$14.85	\$ 24.09	\$22.90					\$37.37
8365	12/15/13	12	13	27	\$14.49	\$ 24.09	\$21.75					\$36.48
8366	12/15/13	12	14	26	\$13.28	\$ 22.95	\$21.75					\$33.42
8367	12/15/13	12	15	27	\$13.48	\$ 24.09	\$21.75					\$33.93
8368	12/15/13	12	16	27	\$13.92	\$ 24.09	\$22.90					\$35.04
8369	12/15/13	12	17	28	\$20.82	\$ 25.89	\$22.90					\$52.41
8370	12/15/13	12	18	29	\$26.35	\$ 28.65	\$27.35					\$66.32
8371	12/15/13	12	19	29	\$22.59	\$ 28.65	\$27.35					\$56.87
8372	12/15/13	12	20	29	\$20.66	\$ 28.65	\$24.69					\$52.01
8373	12/15/13	12	21	28	\$17.87	\$ 25.89	\$24.69					\$44.98
8374	12/15/13	12	22	28	\$17.10	\$ 25.89	\$24.69					\$43.05
8375	12/15/13	12	23	27	\$13.73	\$ 24.09	\$22.90					\$34.57
8376	12/15/13	12	24	26	\$13.65	\$ 22.95	\$21.75					\$34.37
8377	12/16/13	12	1	26	\$11.52	\$ 22.95	\$21.75					\$29.00
8378	12/16/13	12	2	26	\$10.72	\$ 22.95	\$21.75					\$26.98
8379	12/16/13	12	3	26	\$10.21	\$ 22.95	\$21.03					\$25.70
8380	12/16/13	12	4	26	\$9.92	\$ 22.95	\$21.03					\$24.98
8381	12/16/13	12	5	26	\$11.60	\$ 22.95	\$21.75					\$29.19
8382	12/16/13	12	6	27	\$14.50	\$ 24.09	\$22.90					\$36.50
8383	12/16/13	12	7	29	\$19.40	\$ 28.65	\$27.35					\$48.84
8384	12/16/13	12	8	31	\$20.26	\$ 38.08	\$31.07					\$51.00
8385	12/16/13	12	9	30	\$18.04	\$ 32.53	\$31.07					\$45.42
8386	12/16/13	12	10	31	\$17.01	\$ 38.08	\$31.07					\$42.81
8387	12/16/13	12	11	30	\$16.23	\$ 32.53	\$31.07					\$40.86
8388	12/16/13	12	12	30	\$13.98	\$ 32.53	\$27.35					\$35.20
8389	12/16/13	12	13	30	\$13.29	\$ 32.53	\$27.35					\$33.44
8390	12/16/13	12	14	29	\$12.46	\$ 28.65	\$27.35					\$31.37
8391	12/16/13	12	15	29	\$12.09	\$ 28.65	\$24.69					\$30.44
8392	12/16/13	12	16	28	\$12.44	\$ 25.89	\$24.69					\$31.32
8393	12/16/13	12	17	29	\$17.95	\$ 28.65	\$27.35					\$45.17
8394	12/16/13	12	18	30	\$21.15	\$ 32.53	\$27.35					\$53.23
8395	12/16/13	12	19	30	\$18.21	\$ 32.53	\$31.07					\$45.84
8396	12/16/13	12	20	30	\$14.74	\$ 32.53	\$31.07					\$37.10
8397	12/16/13	12	21	30	\$14.62	\$ 32.53	\$27.35					\$36.81
8398	12/16/13	12	22	29	\$11.24	\$ 28.65	\$27.35					\$28.29
8399	12/16/13	12	23	28	\$8.17	\$ 25.89	\$22.90					\$20.57
8400	12/16/13	12	24	27	\$5.90	\$ 24.09	\$21.75					\$14.86

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8401	12/17/13	12	1	26	\$4.48	\$ 22.95	\$21.03					\$11.27
8402	12/17/13	12	2	25	\$3.08	\$ 22.23	\$21.03					\$7.76
8403	12/17/13	12	3	24	\$2.63	\$ 21.76	\$20.59					\$6.63
8404	12/17/13	12	4	24	\$2.78	\$ 21.76	\$20.33					\$7.01
8405	12/17/13	12	5	24	\$4.27	\$ 21.76	\$20.59					\$10.74
8406	12/17/13	12	6	25	\$5.68	\$ 22.23	\$20.59					\$14.29
8407	12/17/13	12	7	26	\$7.34	\$ 22.95	\$21.75					\$18.47
8408	12/17/13	12	8	25	\$9.18	\$ 22.23	\$21.03					\$23.11
8409	12/17/13	12	9	25	\$8.49	\$ 22.23	\$21.03					\$21.38
8410	12/17/13	12	10	24	\$8.03	\$ 21.76	\$20.59					\$20.22
8411	12/17/13	12	11	25	\$7.46	\$ 22.23	\$20.59					\$18.78
8412	12/17/13	12	12	24	\$7.57	\$ 21.76	\$20.59					\$19.05
8413	12/17/13	12	13	24	\$8.14	\$ 21.76	\$20.33					\$20.48
8414	12/17/13	12	14	24	\$8.21	\$ 21.76	\$20.33					\$20.66
8415	12/17/13	12	15	24	\$8.91	\$ 21.76	\$20.33					\$22.42
8416	12/17/13	12	16	24	\$10.24	\$ 21.76	\$20.33					\$25.77
8417	12/17/13	12	17	25	\$15.15	\$ 22.23	\$20.59					\$38.13
8418	12/17/13	12	18	27	\$20.59	\$ 24.09	\$22.90					\$51.83
8419	12/17/13	12	19	29	\$18.76	\$ 28.65	\$24.69					\$47.22
8420	12/17/13	12	20	30	\$17.70	\$ 32.53	\$27.35					\$44.56
8421	12/17/13	12	21	29	\$15.18	\$ 28.65	\$27.35					\$38.21
8422	12/17/13	12	22	29	\$12.55	\$ 28.65	\$24.69					\$31.60
8423	12/17/13	12	23	28	\$10.24	\$ 25.89	\$22.90					\$25.77
8424	12/17/13	12	24	27	\$7.57	\$ 24.09	\$21.75					\$19.06
8425	12/18/13	12	1	26	\$6.65	\$ 22.95	\$21.75					\$16.73
8426	12/18/13	12	2	26	\$5.55	\$ 22.95	\$21.75					\$13.98
8427	12/18/13	12	3	26	\$5.09	\$ 22.95	\$21.75					\$12.80
8428	12/18/13	12	4	26	\$4.20	\$ 22.95	\$21.75					\$10.56
8429	12/18/13	12	5	26	\$2.40	\$ 22.95	\$21.75					\$6.04
8430	12/18/13	12	6	27	\$4.93	\$ 24.09	\$22.90					\$12.41
8431	12/18/13	12	7	29	\$6.77	\$ 28.65	\$27.35					\$17.04
8432	12/18/13	12	8	30	\$7.58	\$ 32.53	\$27.35					\$19.07
8433	12/18/13	12	9	30	\$7.05	\$ 32.53	\$27.35					\$17.74
8434	12/18/13	12	10	29	\$7.08	\$ 28.65	\$27.35					\$17.81
8435	12/18/13	12	11	29	\$6.71	\$ 28.65	\$24.69					\$16.89
8436	12/18/13	12	12	28	\$6.95	\$ 25.89	\$24.69					\$17.50
8437	12/18/13	12	13	28	\$6.77	\$ 25.89	\$22.90					\$17.05
8438	12/18/13	12	14	28	\$7.30	\$ 25.89	\$22.90					\$18.37
8439	12/18/13	12	15	27	\$7.36	\$ 24.09	\$22.90					\$18.52
8440	12/18/13	12	16	27	\$8.63	\$ 24.09	\$21.75					\$21.73
8441	12/18/13	12	17	28	\$13.72	\$ 25.89	\$22.90					\$34.54
8442	12/18/13	12	18	29	\$15.12	\$ 28.65	\$24.69					\$38.06
8443	12/18/13	12	19	28	\$14.76	\$ 25.89	\$24.69					\$37.16
8444	12/18/13	12	20	28	\$14.05	\$ 25.89	\$24.69					\$35.37
8445	12/18/13	12	21	28	\$11.83	\$ 25.89	\$24.69					\$29.78
8446	12/18/13	12	22	28	\$10.43	\$ 25.89	\$22.90					\$26.26
8447	12/18/13	12	23	26	\$8.55	\$ 22.95	\$21.75					\$21.51
8448	12/18/13	12	24	25	\$9.35	\$ 22.23	\$21.03					\$23.54
8449	12/19/13	12	1	25	\$8.03	\$ 22.23	\$21.03					\$20.21
8450	12/19/13	12	2	24	\$7.50	\$ 21.76	\$20.59					\$18.89
8451	12/19/13	12	3	24	\$7.27	\$ 21.76	\$20.59					\$18.31
8452	12/19/13	12	4	25	\$6.97	\$ 22.23	\$20.59					\$17.55
8453	12/19/13	12	5	25	\$7.17	\$ 22.23	\$21.03					\$18.05
8454	12/19/13	12	6	26	\$6.94	\$ 22.95	\$21.75					\$17.46
8455	12/19/13	12	7	28	\$8.81	\$ 25.89	\$22.90					\$22.18
8456	12/19/13	12	8	29	\$9.88	\$ 28.65	\$27.35					\$24.86

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8457	12/19/13	12	9	29	\$9.48	\$ 28.65	\$27.35					\$23.86
8458	12/19/13	12	10	29	\$8.13	\$ 28.65	\$27.35					\$20.47
8459	12/19/13	12	11	29	\$10.89	\$ 28.65	\$27.35					\$27.42
8460	12/19/13	12	12	29	\$10.44	\$ 28.65	\$27.35					\$26.27
8461	12/19/13	12	13	29	\$9.84	\$ 28.65	\$24.69					\$24.76
8462	12/19/13	12	14	29	\$9.86	\$ 28.65	\$24.69					\$24.83
8463	12/19/13	12	15	29	\$6.93	\$ 28.65	\$27.35					\$17.45
8464	12/19/13	12	16	29	\$6.98	\$ 28.65	\$27.35					\$17.57
8465	12/19/13	12	17	30	\$8.19	\$ 32.53	\$27.35					\$20.61
8466	12/19/13	12	18	31	\$10.21	\$ 38.08	\$36.21					\$25.69
8467	12/19/13	12	19	31	\$9.21	\$ 38.08	\$31.07					\$23.18
8468	12/19/13	12	20	30	\$8.30	\$ 32.53	\$31.07					\$20.89
8469	12/19/13	12	21	30	\$7.05	\$ 32.53	\$31.07					\$17.75
8470	12/19/13	12	22	29	\$6.43	\$ 28.65	\$27.35					\$16.18
8471	12/19/13	12	23	28	\$5.68	\$ 25.89	\$22.90					\$14.29
8472	12/19/13	12	24	27	\$6.25	\$ 24.09	\$21.75					\$15.74
8473	12/20/13	12	1	26	\$6.07	\$ 22.95	\$21.75					\$15.27
8474	12/20/13	12	2	26	\$6.46	\$ 22.95	\$21.75					\$16.25
8475	12/20/13	12	3	26	\$6.42	\$ 22.95	\$21.75					\$16.16
8476	12/20/13	12	4	26	\$6.88	\$ 22.95	\$21.03					\$17.31
8477	12/20/13	12	5	26	\$7.64	\$ 22.95	\$21.75					\$19.22
8478	12/20/13	12	6	27	\$10.61	\$ 24.09	\$22.90					\$26.70
8479	12/20/13	12	7	29	\$14.24	\$ 28.65	\$24.69					\$35.85
8480	12/20/13	12	8	30	\$14.49	\$ 32.53	\$27.35					\$36.46
8481	12/20/13	12	9	30	\$13.99	\$ 32.53	\$31.07					\$35.22
8482	12/20/13	12	10	30	\$13.89	\$ 32.53	\$31.07					\$34.96
8483	12/20/13	12	11	31	\$14.18	\$ 38.08	\$31.07					\$35.68
8484	12/20/13	12	12	31	\$14.33	\$ 38.08	\$31.07					\$36.06
8485	12/20/13	12	13	30	\$14.08	\$ 32.53	\$31.07					\$35.45
8486	12/20/13	12	14	30	\$13.93	\$ 32.53	\$31.07					\$35.07
8487	12/20/13	12	15	30	\$13.96	\$ 32.53	\$27.35					\$35.14
8488	12/20/13	12	16	30	\$14.33	\$ 32.53	\$27.35					\$36.07
8489	12/20/13	12	17	30	\$17.06	\$ 32.53	\$31.07					\$42.95
8490	12/20/13	12	18	30	\$17.35	\$ 32.53	\$31.07					\$43.68
8491	12/20/13	12	19	30	\$17.31	\$ 32.53	\$31.07					\$43.58
8492	12/20/13	12	20	30	\$16.17	\$ 32.53	\$27.35					\$40.71
8493	12/20/13	12	21	29	\$15.78	\$ 28.65	\$27.35					\$39.72
8494	12/20/13	12	22	29	\$13.35	\$ 28.65	\$27.35					\$33.61
8495	12/20/13	12	23	27	\$12.73	\$ 24.09	\$22.90					\$32.03
8496	12/20/13	12	24	25	\$11.13	\$ 22.23	\$21.03					\$28.01
8497	12/21/13	12	1	26	\$10.44	\$ 22.95	\$21.75					\$26.28
8498	12/21/13	12	2	26	\$10.13	\$ 22.95	\$21.75					\$25.50
8499	12/21/13	12	3	25	\$10.13	\$ 22.23	\$21.03					\$25.49
8500	12/21/13	12	4	25	\$10.18	\$ 22.23	\$21.03					\$25.63
8501	12/21/13	12	5	26	\$10.76	\$ 22.95	\$21.03					\$27.08
8502	12/21/13	12	6	26	\$12.22	\$ 22.95	\$21.75					\$30.76
8503	12/21/13	12	7	27	\$13.47	\$ 24.09	\$22.90					\$33.90
8504	12/21/13	12	8	28	\$15.87	\$ 25.89	\$22.90					\$39.94
8505	12/21/13	12	9	28	\$17.37	\$ 25.89	\$24.69					\$43.71
8506	12/21/13	12	10	28	\$17.60	\$ 25.89	\$24.69					\$44.29
8507	12/21/13	12	11	28	\$16.39	\$ 25.89	\$24.69					\$41.25
8508	12/21/13	12	12	27	\$14.26	\$ 24.09	\$22.90					\$35.89
8509	12/21/13	12	13	27	\$13.47	\$ 24.09	\$22.90					\$33.91
8510	12/21/13	12	14	27	\$12.34	\$ 24.09	\$22.90					\$31.06
8511	12/21/13	12	15	27	\$11.98	\$ 24.09	\$22.90					\$30.15
8512	12/21/13	12	16	27	\$11.59	\$ 24.09	\$22.90					\$29.18

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8513	12/21/13	12	17	28	\$15.99	\$ 25.89	\$24.69					\$40.26
8514	12/21/13	12	18	29	\$17.85	\$ 28.65	\$27.35					\$44.93
8515	12/21/13	12	19	29	\$14.85	\$ 28.65	\$27.35					\$37.39
8516	12/21/13	12	20	28	\$12.25	\$ 25.89	\$24.69					\$30.83
8517	12/21/13	12	21	28	\$12.55	\$ 25.89	\$24.69					\$31.60
8518	12/21/13	12	22	27	\$9.56	\$ 24.09	\$24.69					\$24.06
8519	12/21/13	12	23	27	\$8.52	\$ 24.09	\$22.90					\$21.45
8520	12/21/13	12	24	26	\$7.51	\$ 22.95	\$21.75					\$18.91
8521	12/22/13	12	1	25	\$7.53	\$ 22.23	\$21.75					\$18.95
8522	12/22/13	12	2	25	\$6.88	\$ 22.23	\$21.03					\$17.33
8523	12/22/13	12	3	25	\$6.45	\$ 22.23	\$21.03					\$16.24
8524	12/22/13	12	4	25	\$6.49	\$ 22.23	\$21.03					\$16.33
8525	12/22/13	12	5	25	\$6.52	\$ 22.23	\$21.03					\$16.41
8526	12/22/13	12	6	25	\$6.94	\$ 22.23	\$21.03					\$17.46
8527	12/22/13	12	7	26	\$7.37	\$ 22.95	\$21.75					\$18.55
8528	12/22/13	12	8	25	\$7.78	\$ 22.23	\$21.75					\$19.59
8529	12/22/13	12	9	26	\$8.56	\$ 22.95	\$21.75					\$21.54
8530	12/22/13	12	10	26	\$8.65	\$ 22.95	\$21.75					\$21.78
8531	12/22/13	12	11	26	\$8.77	\$ 22.95	\$21.75					\$22.08
8532	12/22/13	12	12	26	\$8.73	\$ 22.95	\$21.75					\$21.97
8533	12/22/13	12	13	25	\$8.66	\$ 22.23	\$21.03					\$21.81
8534	12/22/13	12	14	25	\$8.75	\$ 22.23	\$21.03					\$22.02
8535	12/22/13	12	15	25	\$8.78	\$ 22.23	\$21.03					\$22.09
8536	12/22/13	12	16	26	\$9.28	\$ 22.95	\$21.75					\$23.35
8537	12/22/13	12	17	27	\$12.90	\$ 24.09	\$22.90					\$32.48
8538	12/22/13	12	18	30	\$13.30	\$ 32.53	\$27.35					\$33.47
8539	12/22/13	12	19	30	\$14.02	\$ 32.53	\$31.07					\$35.28
8540	12/22/13	12	20	29	\$14.10	\$ 28.65	\$27.35					\$35.49
8541	12/22/13	12	21	29	\$13.55	\$ 28.65	\$27.35					\$34.11
8542	12/22/13	12	22	29	\$10.96	\$ 28.65	\$27.35					\$27.59
8543	12/22/13	12	23	28	\$10.11	\$ 25.89	\$24.69					\$25.45
8544	12/22/13	12	24	27	\$8.73	\$ 24.09	\$24.69					\$21.97
8545	12/23/13	12	1	27	\$8.86	\$ 24.09	\$22.90					\$22.29
8546	12/23/13	12	2	27	\$8.32	\$ 24.09	\$22.90					\$20.95
8547	12/23/13	12	3	27	\$8.12	\$ 24.09	\$22.90					\$20.44
8548	12/23/13	12	4	27	\$8.13	\$ 24.09	\$22.90					\$20.47
8549	12/23/13	12	5	28	\$8.18	\$ 25.89	\$22.90					\$20.59
8550	12/23/13	12	6	29	\$9.88	\$ 28.65	\$24.69					\$24.87
8551	12/23/13	12	7	30	\$11.92	\$ 32.53	\$31.07					\$30.00
8552	12/23/13	12	8	31	\$14.78	\$ 38.08	\$36.21					\$37.19
8553	12/23/13	12	9	31	\$15.34	\$ 38.08	\$36.21					\$38.61
8554	12/23/13	12	10	31	\$15.16	\$ 38.08	\$36.21					\$38.15
8555	12/23/13	12	11	31	\$14.83	\$ 38.08	\$36.21					\$37.34
8556	12/23/13	12	12	30	\$13.14	\$ 32.53	\$31.07					\$33.08
8557	12/23/13	12	13	30	\$12.30	\$ 32.53	\$31.07					\$30.97
8558	12/23/13	12	14	30	\$12.11	\$ 32.53	\$31.07					\$30.47
8559	12/23/13	12	15	30	\$12.09	\$ 32.53	\$31.07					\$30.42
8560	12/23/13	12	16	30	\$12.61	\$ 32.53	\$27.35					\$31.73
8561	12/23/13	12	17	30	\$17.46	\$ 32.53	\$31.07					\$43.96
8562	12/23/13	12	18	32	\$23.59	\$ 45.72	\$36.21					\$59.39
8563	12/23/13	12	19	32	\$22.34	\$ 45.72	\$36.21					\$56.23
8564	12/23/13	12	20	31	\$20.77	\$ 38.08	\$36.21					\$52.29
8565	12/23/13	12	21	31	\$19.55	\$ 38.08	\$36.21					\$49.20
8566	12/23/13	12	22	31	\$17.09	\$ 38.08	\$31.07					\$43.01
8567	12/23/13	12	23	29	\$16.33	\$ 28.65	\$27.35					\$41.11
8568	12/23/13	12	24	28	\$13.32	\$ 25.89	\$24.69					\$33.52

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8569	12/24/13	12	1	28	\$12.53	\$ 25.89	\$24.69					\$31.53
8570	12/24/13	12	2	28	\$12.01	\$ 25.89	\$22.90					\$30.22
8571	12/24/13	12	3	27	\$10.42	\$ 24.09	\$22.90					\$26.24
8572	12/24/13	12	4	27	\$9.65	\$ 24.09	\$22.90					\$24.28
8573	12/24/13	12	5	27	\$9.19	\$ 24.09	\$22.90					\$23.13
8574	12/24/13	12	6	28	\$10.28	\$ 25.89	\$24.69					\$25.87
8575	12/24/13	12	7	29	\$11.28	\$ 28.65	\$27.35					\$28.40
8576	12/24/13	12	8	30	\$11.07	\$ 32.53	\$27.35					\$27.86
8577	12/24/13	12	9	30	\$10.89	\$ 32.53	\$27.35					\$27.41
8578	12/24/13	12	10	30	\$10.81	\$ 32.53	\$31.07					\$27.21
8579	12/24/13	12	11	29	\$8.89	\$ 28.65	\$27.35					\$22.38
8580	12/24/13	12	12	29	\$7.97	\$ 28.65	\$27.35					\$20.05
8581	12/24/13	12	13	29	\$7.31	\$ 28.65	\$27.35					\$18.39
8582	12/24/13	12	14	29	\$6.89	\$ 28.65	\$27.35					\$17.34
8583	12/24/13	12	15	29	\$6.95	\$ 28.65	\$27.35					\$17.49
8584	12/24/13	12	16	29	\$6.87	\$ 28.65	\$27.35					\$17.29
8585	12/24/13	12	17	29	\$7.29	\$ 28.65	\$27.35					\$18.36
8586	12/24/13	12	18	29	\$9.08	\$ 28.65	\$27.35					\$22.86
8587	12/24/13	12	19	29	\$8.55	\$ 28.65	\$24.69					\$21.51
8588	12/24/13	12	20	28	\$8.22	\$ 25.89	\$24.69					\$20.70
8589	12/24/13	12	21	27	\$7.91	\$ 24.09	\$22.90					\$19.91
8590	12/24/13	12	22	27	\$8.10	\$ 24.09	\$22.90					\$20.39
8591	12/24/13	12	23	26	\$7.71	\$ 22.95	\$21.75					\$19.40
8592	12/24/13	12	24	25	\$8.00	\$ 22.23	\$21.03					\$20.13
8593	12/25/13	12	1	25	\$7.29	\$ 22.23	\$21.03					\$18.36
8594	12/25/13	12	2	24	\$7.38	\$ 21.76	\$20.59					\$18.57
8595	12/25/13	12	3	24	\$7.23	\$ 21.76	\$20.59					\$18.21
8596	12/25/13	12	4	24	\$7.22	\$ 21.76	\$20.59					\$18.18
8597	12/25/13	12	5	24	\$7.37	\$ 21.76	\$20.59					\$18.54
8598	12/25/13	12	6	25	\$7.69	\$ 22.23	\$21.03					\$19.36
8599	12/25/13	12	7	25	\$8.14	\$ 22.23	\$21.03					\$20.49
8600	12/25/13	12	8	25	\$8.06	\$ 22.23	\$21.03					\$20.28
8601	12/25/13	12	9	25	\$8.14	\$ 22.23	\$21.03					\$20.48
8602	12/25/13	12	10	25	\$8.14	\$ 22.23	\$21.03					\$20.48
8603	12/25/13	12	11	25	\$7.75	\$ 22.23	\$21.03					\$19.51
8604	12/25/13	12	12	25	\$7.27	\$ 22.23	\$21.03					\$18.29
8605	12/25/13	12	13	24	\$6.71	\$ 21.76	\$21.03					\$16.88
8606	12/25/13	12	14	24	\$5.88	\$ 21.76	\$20.59					\$14.81
8607	12/25/13	12	15	24	\$6.27	\$ 21.76	\$20.59					\$15.77
8608	12/25/13	12	16	24	\$5.55	\$ 21.76	\$20.59					\$13.97
8609	12/25/13	12	17	24	\$6.63	\$ 21.76	\$20.59					\$16.70
8610	12/25/13	12	18	26	\$7.40	\$ 22.95	\$21.03					\$18.63
8611	12/25/13	12	19	26	\$7.72	\$ 22.95	\$21.75					\$19.43
8612	12/25/13	12	20	26	\$7.94	\$ 22.95	\$21.75					\$19.98
8613	12/25/13	12	21	25	\$8.27	\$ 22.23	\$21.03					\$20.81
8614	12/25/13	12	22	25	\$8.41	\$ 22.23	\$21.03					\$21.16
8615	12/25/13	12	23	25	\$8.94	\$ 22.23	\$21.03					\$22.51
8616	12/25/13	12	24	24	\$8.78	\$ 21.76	\$20.59					\$22.11
8617	12/26/13	12	1	23	\$8.67	\$ 21.48	\$20.59					\$21.82
8618	12/26/13	12	2	23	\$9.46	\$ 21.48	\$20.59					\$23.82
8619	12/26/13	12	3	23	\$9.31	\$ 21.48	\$20.33					\$23.44
8620	12/26/13	12	4	23	\$9.43	\$ 21.48	\$20.33					\$23.73
8621	12/26/13	12	5	24	\$9.53	\$ 21.76	\$20.59					\$23.99
8622	12/26/13	12	6	25	\$12.99	\$ 22.23	\$21.03					\$32.70
8623	12/26/13	12	7	26	\$15.95	\$ 22.95	\$21.75					\$40.15
8624	12/26/13	12	8	28	\$18.51	\$ 25.89	\$24.69					\$46.59

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8625	12/26/13	12	9	28	\$17.73	\$ 25.89	\$24.69					\$44.64
8626	12/26/13	12	10	28	\$18.28	\$ 25.89	\$24.69					\$46.02
8627	12/26/13	12	11	28	\$16.94	\$ 25.89	\$24.69					\$42.63
8628	12/26/13	12	12	28	\$14.74	\$ 25.89	\$24.69					\$37.09
8629	12/26/13	12	13	27	\$13.28	\$ 24.09	\$22.90					\$33.42
8630	12/26/13	12	14	27	\$12.55	\$ 24.09	\$22.90					\$31.58
8631	12/26/13	12	15	26	\$12.28	\$ 22.95	\$21.75					\$30.90
8632	12/26/13	12	16	26	\$12.46	\$ 22.95	\$21.75					\$31.37
8633	12/26/13	12	17	26	\$18.26	\$ 22.95	\$21.75					\$45.96
8634	12/26/13	12	18	28	\$21.71	\$ 25.89	\$22.90					\$54.65
8635	12/26/13	12	19	28	\$19.51	\$ 25.89	\$24.69					\$49.10
8636	12/26/13	12	20	28	\$18.08	\$ 25.89	\$24.69					\$45.52
8637	12/26/13	12	21	28	\$17.52	\$ 25.89	\$24.69					\$44.11
8638	12/26/13	12	22	27	\$15.72	\$ 24.09	\$22.90					\$39.57
8639	12/26/13	12	23	26	\$13.38	\$ 22.95	\$21.75					\$33.67
8640	12/26/13	12	24	25	\$10.80	\$ 22.23	\$21.03					\$27.18
8641	12/27/13	12	1	25	\$11.13	\$ 22.23	\$21.03					\$28.02
8642	12/27/13	12	2	24	\$10.25	\$ 21.76	\$20.59					\$25.80
8643	12/27/13	12	3	24	\$9.67	\$ 21.76	\$20.59					\$24.33
8644	12/27/13	12	4	24	\$9.13	\$ 21.76	\$20.59					\$22.98
8645	12/27/13	12	5	25	\$8.97	\$ 22.23	\$20.59					\$22.57
8646	12/27/13	12	6	25	\$9.61	\$ 22.23	\$21.03					\$24.18
8647	12/27/13	12	7	27	\$11.99	\$ 24.09	\$22.90					\$30.19
8648	12/27/13	12	8	28	\$12.22	\$ 25.89	\$24.69					\$30.76
8649	12/27/13	12	9	28	\$10.39	\$ 25.89	\$24.69					\$26.14
8650	12/27/13	12	10	28	\$8.39	\$ 25.89	\$22.90					\$21.12
8651	12/27/13	12	11	26	\$7.78	\$ 22.95	\$21.75					\$19.58
8652	12/27/13	12	12	27	\$7.22	\$ 24.09	\$21.75					\$18.17
8653	12/27/13	12	13	27	\$6.83	\$ 24.09	\$22.90					\$17.18
8654	12/27/13	12	14	26	\$6.54	\$ 22.95	\$21.75					\$16.45
8655	12/27/13	12	15	26	\$6.96	\$ 22.95	\$21.75					\$17.51
8656	12/27/13	12	16	26	\$6.55	\$ 22.95	\$21.75					\$16.48
8657	12/27/13	12	17	27	\$7.64	\$ 24.09	\$21.75					\$19.24
8658	12/27/13	12	18	28	\$8.57	\$ 25.89	\$22.90					\$21.57
8659	12/27/13	12	19	27	\$8.71	\$ 24.09	\$22.90					\$21.92
8660	12/27/13	12	20	27	\$8.84	\$ 24.09	\$22.90					\$22.25
8661	12/27/13	12	21	27	\$8.87	\$ 24.09	\$22.90					\$22.33
8662	12/27/13	12	22	26	\$8.95	\$ 22.95	\$21.75					\$22.53
8663	12/27/13	12	23	25	\$9.08	\$ 22.23	\$21.75					\$22.85
8664	12/27/13	12	24	25	\$9.60	\$ 22.23	\$21.03					\$24.16
8665	12/28/13	12	1	24	\$9.20	\$ 21.76	\$20.59					\$23.15
8666	12/28/13	12	2	23	\$8.38	\$ 21.48	\$20.59					\$21.09
8667	12/28/13	12	3	24	\$7.84	\$ 21.76	\$20.59					\$19.74
8668	12/28/13	12	4	24	\$7.26	\$ 21.76	\$20.59					\$18.27
8669	12/28/13	12	5	23	\$7.18	\$ 21.48	\$20.59					\$18.08
8670	12/28/13	12	6	24	\$6.65	\$ 21.76	\$20.59					\$16.73
8671	12/28/13	12	7	25	\$6.90	\$ 22.23	\$20.59					\$17.37
8672	12/28/13	12	8	25	\$7.08	\$ 22.23	\$21.03					\$17.81
8673	12/28/13	12	9	25	\$7.00	\$ 22.23	\$21.03					\$17.63
8674	12/28/13	12	10	25	\$7.45	\$ 22.23	\$21.03					\$18.74
8675	12/28/13	12	11	25	\$7.44	\$ 22.23	\$21.03					\$18.73
8676	12/28/13	12	12	24	\$7.16	\$ 21.76	\$20.59					\$18.03
8677	12/28/13	12	13	24	\$7.25	\$ 21.76	\$20.59					\$18.24
8678	12/28/13	12	14	24	\$7.02	\$ 21.76	\$20.59					\$17.68
8679	12/28/13	12	15	24	\$7.26	\$ 21.76	\$20.59					\$18.28
8680	12/28/13	12	16	23	\$6.55	\$ 21.48	\$20.33					\$16.49

RULE 20:10:13:98
STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
Hourly Costing Model Worksheet
Test Year Ending December 31, 2013
Utility: MidAmerican Energy Company
Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8681	12/28/13	12	17	24	\$7.24	\$ 21.76	\$20.59					\$18.23
8682	12/28/13	12	18	26	\$8.01	\$ 22.95	\$21.75					\$20.16
8683	12/28/13	12	19	26	\$7.54	\$ 22.95	\$21.75					\$18.97
8684	12/28/13	12	20	26	\$6.63	\$ 22.95	\$21.75					\$16.69
8685	12/28/13	12	21	25	\$5.49	\$ 22.23	\$21.03					\$13.81
8686	12/28/13	12	22	25	\$4.09	\$ 22.23	\$21.75					\$10.29
8687	12/28/13	12	23	25	\$2.40	\$ 22.23	\$21.03					\$6.03
8688	12/28/13	12	24	24	-\$3.08	\$ 21.76	\$20.59					-\$7.75
8689	12/29/13	12	1	24	-\$3.29	\$ 21.76	\$20.59					-\$8.29
8690	12/29/13	12	2	24	-\$3.91	\$ 21.76	\$20.59					-\$9.84
8691	12/29/13	12	3	24	-\$3.11	\$ 21.76	\$20.59					-\$7.83
8692	12/29/13	12	4	24	-\$3.05	\$ 21.76	\$20.59					-\$7.67
8693	12/29/13	12	5	24	-\$3.10	\$ 21.76	\$21.03					-\$7.80
8694	12/29/13	12	6	25	-\$1.90	\$ 22.23	\$21.03					-\$4.77
8695	12/29/13	12	7	25	\$0.50	\$ 22.23	\$21.75					\$1.27
8696	12/29/13	12	8	26	\$1.41	\$ 22.95	\$22.90					\$3.54
8697	12/29/13	12	9	27	\$2.72	\$ 24.09	\$22.90					\$6.84
8698	12/29/13	12	10	27	\$3.99	\$ 24.09	\$22.90					\$10.05
8699	12/29/13	12	11	27	\$5.04	\$ 24.09	\$22.90					\$12.68
8700	12/29/13	12	12	26	\$5.46	\$ 22.95	\$22.90					\$13.74
8701	12/29/13	12	13	27	\$5.83	\$ 24.09	\$22.90					\$14.68
8702	12/29/13	12	14	26	\$6.54	\$ 22.95	\$21.75					\$16.46
8703	12/29/13	12	15	27	\$7.12	\$ 24.09	\$22.90					\$17.91
8704	12/29/13	12	16	26	\$7.89	\$ 22.95	\$22.90					\$19.86
8705	12/29/13	12	17	27	\$11.43	\$ 24.09	\$22.90					\$28.78
8706	12/29/13	12	18	29	\$16.63	\$ 28.65	\$27.35					\$41.85
8707	12/29/13	12	19	29	\$17.20	\$ 28.65	\$27.35					\$43.30
8708	12/29/13	12	20	29	\$17.48	\$ 28.65	\$27.35					\$43.99
8709	12/29/13	12	21	29	\$17.94	\$ 28.65	\$27.35					\$45.16
8710	12/29/13	12	22	29	\$14.86	\$ 28.65	\$27.35					\$37.41
8711	12/29/13	12	23	28	\$14.38	\$ 25.89	\$24.69					\$36.20
8712	12/29/13	12	24	27	\$15.26	\$ 24.09	\$22.90					\$38.41
8713	12/30/13	12	1	27	\$12.53	\$ 24.09	\$22.90					\$31.53
8714	12/30/13	12	2	27	\$12.46	\$ 24.09	\$22.90					\$31.37
8715	12/30/13	12	3	27	\$12.19	\$ 24.09	\$22.90					\$30.69
8716	12/30/13	12	4	27	\$12.86	\$ 24.09	\$21.75					\$32.37
8717	12/30/13	12	5	27	\$13.07	\$ 24.09	\$22.90					\$32.90
8718	12/30/13	12	6	28	\$15.40	\$ 25.89	\$22.90					\$38.77
8719	12/30/13	12	7	29	\$15.32	\$ 28.65	\$24.69					\$38.55
8720	12/30/13	12	8	30	\$14.51	\$ 32.53	\$31.07					\$36.53
8721	12/30/13	12	9	30	\$13.73	\$ 32.53	\$31.07					\$34.55
8722	12/30/13	12	10	30	\$13.37	\$ 32.53	\$32.52					\$33.66
8723	12/30/13	12	11	30	\$12.55	\$ 32.53	\$32.52					\$31.60
8724	12/30/13	12	12	30	\$12.09	\$ 32.53	\$32.52					\$30.42
8725	12/30/13	12	13	30	\$12.01	\$ 32.53	\$32.52					\$30.24
8726	12/30/13	12	14	30	\$11.21	\$ 32.53	\$32.52					\$28.21
8727	12/30/13	12	15	29	\$11.24	\$ 28.65	\$28.65					\$28.30
8728	12/30/13	12	16	29	\$11.91	\$ 28.65	\$28.65					\$29.98
8729	12/30/13	12	17	29	\$16.80	\$ 28.65	\$28.65					\$42.29
8730	12/30/13	12	18	30	\$23.14	\$ 32.53	\$32.52					\$58.24
8731	12/30/13	12	19	30	\$20.17	\$ 32.53	\$32.52					\$50.76
8732	12/30/13	12	20	30	\$17.58	\$ 32.53	\$32.52					\$44.26
8733	12/30/13	12	21	29	\$16.69	\$ 28.65	\$28.65					\$42.01
8734	12/30/13	12	22	28	\$14.16	\$ 25.89	\$25.88					\$35.64
8735	12/30/13	12	23	27	\$13.33	\$ 24.09	\$24.09					\$33.55
8736	12/30/13	12	24	27	\$11.29	\$ 24.09	\$24.09					\$28.43

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab ALO-3 (HCM Costs)
 Hourly Costing Model Worksheet
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

HCM Costs

Line	Date	Month	Hour	System Load	MISO LMP	Cap. Cost #1 \$/MWh	Cap. Cost #2 \$/MWh	System Load	Hours at Load	Capacity \$/MWh	Avg. Cost \$/MWh	Original MISO LMP
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
8737	12/31/13	12	1	26	\$10.62	\$ 22.95	\$22.95					\$26.73
8738	12/31/13	12	2	26	\$10.54	\$ 22.95	\$22.95					\$26.53
8739	12/31/13	12	3	26	\$10.51	\$ 22.95	\$22.95					\$26.45
8740	12/31/13	12	4	26	\$10.61	\$ 22.95	\$22.95					\$26.71
8741	12/31/13	12	5	26	\$11.36	\$ 22.95	\$22.95					\$28.60
8742	12/31/13	12	6	27	\$15.16	\$ 24.09	\$24.09					\$38.17
8743	12/31/13	12	7	28	\$17.91	\$ 25.89	\$25.88					\$45.07
8744	12/31/13	12	8	29	\$18.84	\$ 28.65	\$28.65					\$47.43
8745	12/31/13	12	9	27	\$18.62	\$ 24.09	\$24.09					\$46.86
8746	12/31/13	12	10	29	\$18.53	\$ 28.65	\$28.65					\$46.63
8747	12/31/13	12	11	29	\$17.71	\$ 28.65	\$28.65					\$44.57
8748	12/31/13	12	12	29	\$15.22	\$ 28.65	\$28.65					\$38.31
8749	12/31/13	12	13	28	\$13.97	\$ 25.89	\$25.88					\$35.16
8750	12/31/13	12	14	28	\$12.63	\$ 25.89	\$25.88					\$31.78
8751	12/31/13	12	15	28	\$12.13	\$ 25.89	\$25.88					\$30.54
8752	12/31/13	12	16	28	\$12.78	\$ 25.89	\$25.88					\$32.17
8753	12/31/13	12	17	28	\$17.72	\$ 25.89	\$25.88					\$44.59
8754	12/31/13	12	18	30	\$19.46	\$ 32.53	\$32.52					\$48.99
8755	12/31/13	12	19	30	\$17.76	\$ 32.53	\$32.52					\$44.70
8756	12/31/13	12	20	29	\$16.12	\$ 28.65	\$28.65					\$40.57
8757	12/31/13	12	21	28	\$14.08	\$ 25.89	\$25.88					\$35.44
8758	12/31/13	12	22	27	\$13.27	\$ 24.09	\$24.09					\$33.40
8759	12/31/13	12	23	27	\$12.20	\$ 24.09	\$24.09					\$30.71
8760	12/31/13	12	24	26	\$10.94	\$ 22.95	\$22.95					\$27.54

Sources:

Column (d) represents the sum of Columns (d) through (n) from Tab ALO-1 and are calculated by date and hour ad adjusted for energy losses.

Column (e) is equal to Column (l) x 0.41492. This calculation allocates the total retail fuel cost by hour according to MISO LMP prices.

Column (f) is a lookup value and locates the capacity cost data from Column (k) associated with the level of system load in Column (d) for each hour.

Column (g) is a custom capacity calculation that is used if generation allocator selection #2 is made on the cost of service summary page (see Tab CLS1-1, Line 1).

Column (h) represents the system load level to be used in the lookup table in Column (f).

Column (i) represents the number of hours system load (Column d) is at or above the load level specified in Column (h) for each MW level of load.

Column (j) calculates the capacity component of the HCM price for each level of load and is calculated as the total capacity cost (see Tab CLS1-1, Line 2) divided by the value in Column (i)

Column (k) calculates the average capacity cost for all hours at and below the system load level for every value in Column (h) and feeds the calculation in Column (f).

Column (l) is historic test year Day Ahead Locational Marginal Price data by hour from MISO.

Destination:

Columns (e) and (f) feed Tab ALO-1, Column (o).

If generator allocator selection #1 is made on the cost of service summary page (see Tab CLS1-1 Line 1), Columns (e) and (f) are summed and go to Tab ALO-1, Column (o).

If generator allocator selection #2 is made on the cost of service summary page (see Tab CLS1-1 Line 1), Column (e) alone goes to Tab ALO-1, Column (o).

Column (g) goes to Tab ALO-1, Column (p).