

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab RD1-7 (LIT)
 Lighting Rate Design
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

Lighting Rate Design
 Final Model

Line	Tariff	Type	Description	Code	Category	Owner	Light Type	Wattage	Pole	Span	Mtce
(a)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	MLD	North MLD	100W HPS Co, Open Ref	DW2	AL	CO	HPS-Open	100			x
2	MLD	North MLD	100W HPS Co, Open Ref, Mtr	MW2	AL	CO	HPS-Open	100			x
3	MLD	North MLD	100W HPS Cust, Maint., Mtr	MM2	AL	Cust	HPS	100			x
4	MLD	North MLD	175W MV Co, Open Ref	DW4	AL	CO	MV	175			x
5	MLD	North MLD	175W MV Co, Open Ref, Mtr	MW4	AL	CO	MV	175			x
6	MLD	North MLD	250W HPS Flood	MF6	AL	CO	HPS-Flood	250			x
7	Pole	North PLD	Additional WP OH N	DOP	AL	CO			WP		
8	Pole, Span	North PLD	Additional WP UG N	DUP	AL	CO			WP	UG	
9	Mast	North PLD	Mast	DAM	AL	CO	Mast				
10	PLD	North PLD	1000W HPS Company, Flood	DF9	AL	CO	HPS	1000			x
11	PLD	North PLD	1000W HPS Company, Flood	DX9	AL	CO	HPS	1000	NWP	UG	x
12	PLD	North PLD	1000W MV Company, Cobra	DC9	AL	CO	MV	1000			x
13	PLD	North PLD	1000W HPS Customer, Energy Only	DE9	AL	Cust	HPS	1000			
14	PLD	North PLD	1000W HPS Customer, Maint.	DM9	AL	Cust	HPS	1000			x
15	PLD	North PLD	70W HPS Customer, Energy Only	DE1	AL	Cust	HPS	70			
16	PLD	North PLD	70W HPS Customer, Maint.	DM1	AL	Cust	HPS	70			x
17	PLD	North PLD	100W HPS Co, Cobra, FP, UG	DP2	AL	CO	HPS-Cobra	100	NWP	UG	x
18	PLD	North PLD	100W HPS Co, Open Ref, Mtr	MW2	AL	CO	HPS-Open	100			x
19	PLD	North PLD	100W HPS Co, Open Refractor	DW2	AL	CO	HPS-Open	100			x
20	PLD	North PLD	100W HPS Co, Victorian, FP, UG	DV2	AL	CO	HPS-Vic	100	NWP	UG	x
21	PLD	North PLD	100W HPS Company, Cobra	DC2	AL	CO	HPS-Cobra	100			x
22	PLD	North PLD	100W HPS Company, Flood	DF2	AL	CO	HPS-Flood	100			x
23	PLD	North PLD	100W HPS Company, Orn, UG	DO2	AL	CO	HPS-Orn	100	NWP	UG	x
24	PLD	North PLD	100W HPS Cust, Maint., Metered	MM2	AL	Cust	HPS	100			x
25	PLD	North PLD	100W HPS Customer, Energy Only	DE2	AL	Cust	HPS	100			
26	PLD	North PLD	100W HPS Customer, Maint.	DM2	AL	Cust	HPS	100			x
27	PLD	North PLD	150W HPS Customer, Energy Only	DE3	AL	Cust	HPS	150			
28	PLD	North PLD	150W HPS Customer, Maint.	DM3	AL	Cust	HPS	150			x
29	PLD	North PLD	175W MV Co, Open Refractor	DW4	AL	CO	MV	175			x
30	PLD	North PLD	175W MV Company, Orn, UG	DO4	AL	CO	MV	175	NWP	UG	x
31	PLD	North PLD	250W HPS Co, Cobra, MP, UG	DU6	AL	CO	HPS-Cobra	250	NWP	UG	x
32	PLD	North PLD	250W HPS Co, Flood, MP, UG	DX6	AL	CO	HPS-Flood	250	NWP	UG	x
33	PLD	North PLD	250W HPS Company, Cobra	DC6	AL	CO	HPS-Cobra	250			x
34	PLD	North PLD	250W HPS Company, Flood	DF6	AL	CO	HPS-Flood	250			x
35	PLD	North PLD	250W HPS Customer, Energy Only	DE6	AL	Cust	HPS	250			
36	PLD	North PLD	250W HPS Customer, Maint.	DM6	AL	Cust	HPS	250			x
37	PLD	North PLD	400W HPS Co, Cobra, MP, UG	DU7	AL	CO	HPS-Cobra	400	NWP	UG	x
38	PLD	North PLD	400W HPS Co, Flood, MP, UG	DX7	AL	CO	HPS-Flood	400	NWP	UG	x
39	PLD	North PLD	400W HPS Company, Cobra	DC7	AL	CO	HPS-Cobra	400			x
40	PLD	North PLD	400W HPS Company, Flood	DF7	AL	CO	HPS-Flood	400			x
41	PLD	North PLD	400W HPS Customer, Energy Only	DE7	AL	Cust	HPS	400			
42	PLD	North PLD	400W HPS Customer, Maint.	DM7	AL	Cust	HPS	400			x
43	PLD	North PLD	400W MV Company, Cobra	DC8	AL	CO	MV	400			x
44	PLD	North PLD	400W MV Company, Cobra	DU8	AL	CO	MV	400	NWP	UG	x
45			Total								

Sources:
 Columns (a) through (q) are from Company Books and Records
 Column (r) is CLS1-3, Line 28 multiplied by Column (p).
 Column (s) is CLS1-3, Line 30
 Columns (t)-(v) are CLS1-3, Lines 58-81, Column (f).
 Column (w) is the sum of Columns (r)-(v).
 Column (x) is Column (w) multiplied by Column (n).

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab RD1-7 (LIT)
 Lighting Rate Design
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

Lighting Rate Design
 Final Model

Line	Tariff	Type	Description	Current Rate	Test Year EAC	Bills	Revenue	kWh/Month	Total kWh	Energy Charge	Maintenance Charge	Light Charge	Pole Charge	Span Charge	Total Charge	
(a)	(b)	(c)	(d)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	
1	MLD	North MLD	100W HPS Co, Open Ref	5.18	0.00995	24.00	135.54	47	1,128	\$ 2.44	\$	1.24	\$ 1.03	\$ -	\$ -	\$ 4.72
2	MLD	North MLD	100W HPS Co, Open Ref, Mtr	5.18	0.00995	234.47	1,324.20	47	11,020	\$ 2.44	\$	1.24	\$ 1.03	\$ -	\$ -	\$ 4.72
3	MLD	North MLD	100W HPS Cust, Maint., Mtr	3.96	0.00995	12.00	53.13	47	564	\$ 2.44	\$	1.24	----	\$ -	\$ -	\$ 3.68
4	MLD	North MLD	175W MV Co, Open Ref	4.35	0.00995	11.80	60.14	75	885	\$ 3.89	\$	1.24	\$ 1.38	\$ -	\$ -	\$ 6.52
5	MLD	North MLD	175W MV Co, Open Ref, Mtr	4.35	0.00995	107.33	546.98	75	8,050	\$ 3.89	\$	1.24	\$ 1.38	\$ -	\$ -	\$ 6.52
6	MLD	North MLD	250W HPS Flood	12.05	0.00995	54.00	708.73	108	5,832	\$ 5.61	\$	1.24	\$ 1.58	\$ -	\$ -	\$ 8.43
7	Pole	North PLD	Additional WP OH N	2.50	0.00995	2,306.10	5,765.25	0	-	\$ -	\$	-	----	\$ 2.92	\$ -	\$ 2.92
8	Pole, Span	North PLD	Additional WP UG N	4.00	0.00995	858.06	3,432.24	0	-	\$ -	\$	-	----	\$ 2.92	\$ 3.06	\$ 5.98
9	Mast	North PLD	Mast	0.42	0.00995	1,272.00	534.24	0	-	\$ -	\$	-	\$ 0.49	\$ -	\$ -	\$ 0.49
10	PLD	North PLD	1000W HPS Company, Flood	25.30	0.00995	144.00	4,193.40	384	55,296	\$ 19.93	\$	1.24	\$ 2.79	\$ -	\$ -	\$ 23.97
11	PLD	North PLD	1000W HPS Company, Flood	36.51	0.00995	0.00	0.00	384	-	\$ 19.93	\$	1.24	\$ 2.79	\$ 12.48	\$ 3.06	\$ 39.50
12	PLD	North PLD	1000W MV Company, Cobra	13.02	0.00995	11.57	194.96	384	4,454	\$ 19.93	\$	1.24	\$ 2.79	\$ -	\$ -	\$ 23.97
13	PLD	North PLD	1000W HPS Customer, Energy Only	11.40	0.00995	0.00	0.00	384	-	\$ 19.93	\$	-	----	\$ -	\$ -	\$ 19.93
14	PLD	North PLD	1000W HPS Customer, Maint.	13.86	0.00995	0.00	0.00	384	-	\$ 19.93	\$	1.24	----	\$ -	\$ -	\$ 21.17
15	PLD	North PLD	70W HPS Customer, Energy Only	0.98	0.00995	0.00	0.00	33	-	\$ 1.71	\$	-	----	\$ -	\$ -	\$ 1.71
16	PLD	North PLD	70W HPS Customer, Maint.	3.55	0.00995	0.00	0.00	33	-	\$ 1.71	\$	1.24	----	\$ -	\$ -	\$ 2.96
17	PLD	North PLD	100W HPS Co, Cobra, FP, UG	14.52	0.00995	228.00	3,417.18	47	10,716	\$ 2.44	\$	1.24	\$ 1.21	\$ 12.48	\$ 3.06	\$ 20.42
18	PLD	North PLD	100W HPS Co, Open Ref, Mtr	5.18	0.00995	23.87	134.81	47	1,122	\$ 2.44	\$	1.24	\$ 1.03	\$ -	\$ -	\$ 4.72
19	PLD	North PLD	100W HPS Co, Open Refractor	5.18	0.00995	4,876.54	27,540.99	47	229,197	\$ 2.44	\$	1.24	\$ 1.03	\$ -	\$ -	\$ 4.72
20	PLD	North PLD	100W HPS Co, Victorian, FP, UG	16.94	0.00995	828.00	14,413.53	47	38,916	\$ 2.44	\$	1.24	\$ 2.36	\$ 12.48	\$ 3.06	\$ 21.58
21	PLD	North PLD	100W HPS Company, Cobra	5.36	0.00995	13.00	75.76	47	611	\$ 2.44	\$	1.24	\$ 1.21	\$ -	\$ -	\$ 4.89
22	PLD	North PLD	100W HPS Company, Flood	6.75	0.00995	11.20	80.84	47	526	\$ 2.44	\$	1.24	\$ 1.63	\$ -	\$ -	\$ 5.31
23	PLD	North PLD	100W HPS Company, Orn, UG	11.40	0.00995	879.90	10,442.35	47	41,355	\$ 2.44	\$	1.24	\$ 1.43	\$ 12.48	\$ 3.06	\$ 20.65
24	PLD	North PLD	100W HPS Cust, Maint., Metered	3.96	0.00995	312.00	1,381.43	47	14,664	\$ 2.44	\$	1.24	----	\$ -	\$ -	\$ 3.68
25	PLD	North PLD	100W HPS Customer, Energy Only	1.39	0.00995	2,183.83	4,056.79	47	102,640	\$ 2.44	\$	-	----	\$ -	\$ -	\$ 2.44
26	PLD	North PLD	100W HPS Customer, Maint.	3.96	0.00995	0.00	0.00	47	-	\$ 2.44	\$	1.24	----	\$ -	\$ -	\$ 3.68
27	PLD	North PLD	150W HPS Customer, Energy Only	2.02	0.00995	24.00	64.72	68	1,632	\$ 3.53	\$	-	----	\$ -	\$ -	\$ 3.53
28	PLD	North PLD	150W HPS Customer, Maint.	4.59	0.00995	0.00	0.00	68	-	\$ 3.53	\$	1.24	----	\$ -	\$ -	\$ 4.77
29	PLD	North PLD	175W MV Co, Open Refractor	4.35	0.00995	1,213.53	6,184.45	75	91,015	\$ 3.89	\$	1.24	\$ 1.38	\$ -	\$ -	\$ 6.52
30	PLD	North PLD	175W MV Company, Orn, UG	8.71	0.00995	95.40	902.13	75	7,155	\$ 3.89	\$	1.24	\$ 1.38	\$ 12.48	\$ 3.06	\$ 22.05
31	PLD	North PLD	250W HPS Co, Cobra, MP, UG	22.11	0.00995	443.13	10,273.79	108	47,858	\$ 5.61	\$	1.24	\$ 1.25	\$ 12.48	\$ 3.06	\$ 23.63
32	PLD	North PLD	250W HPS Co, Flood, MP, UG	23.30	0.00995	23.13	563.78	108	2,498	\$ 5.61	\$	1.24	\$ 1.58	\$ 12.48	\$ 3.06	\$ 23.96
33	PLD	North PLD	250W HPS Company, Cobra	11.25	0.00995	562.70	6,935.05	108	60,772	\$ 5.61	\$	1.24	\$ 1.25	\$ -	\$ -	\$ 8.10
34	PLD	North PLD	250W HPS Company, Flood	12.05	0.00995	1,194.20	15,673.40	108	128,974	\$ 5.61	\$	1.24	\$ 1.58	\$ -	\$ -	\$ 8.43
35	PLD	North PLD	250W HPS Customer, Energy Only	3.21	0.00995	1,308.00	5,604.26	108	141,264	\$ 5.61	\$	-	----	\$ -	\$ -	\$ 5.61
36	PLD	North PLD	250W HPS Customer, Maint.	5.67	0.00995	180.00	1,214.03	108	19,440	\$ 5.61	\$	1.24	----	\$ -	\$ -	\$ 6.85
37	PLD	North PLD	400W HPS Co, Cobra, MP, UG	25.46	0.00995	437.81	11,865.42	165	72,239	\$ 8.56	\$	1.24	\$ 1.49	\$ 12.48	\$ 3.06	\$ 26.83
38	PLD	North PLD	400W HPS Co, Flood, MP, UG	27.97	0.00995	111.25	3,294.31	165	18,356	\$ 8.56	\$	1.24	\$ 1.65	\$ 12.48	\$ 3.06	\$ 27.00
39	PLD	North PLD	400W HPS Company, Cobra	11.45	0.00995	768.92	10,066.51	165	126,872	\$ 8.56	\$	1.24	\$ 1.49	\$ -	\$ -	\$ 11.30
40	PLD	North PLD	400W HPS Company, Flood	14.25	0.00995	1,834.72	29,156.91	165	302,729	\$ 8.56	\$	1.24	\$ 1.65	\$ -	\$ -	\$ 11.46
41	PLD	North PLD	400W HPS Customer, Energy Only	4.90	0.00995	960.00	6,280.08	165	158,400	\$ 8.56	\$	-	----	\$ -	\$ -	\$ 8.56
42	PLD	North PLD	400W HPS Customer, Maint.	7.36	0.00995	336.00	3,024.59	165	55,440	\$ 8.56	\$	1.24	----	\$ -	\$ -	\$ 9.81
43	PLD	North PLD	400W MV Company, Cobra	11.45	0.00995	86.40	1,131.13	165	14,256	\$ 8.56	\$	1.24	\$ 1.57	\$ -	\$ -	\$ 11.38
44	PLD	North PLD	400W MV Company, Cobra	22.94	0.00995	0.00	0.00	165	-	\$ 8.56	\$	1.24	\$ 1.57	\$ 12.48	\$ 3.06	\$ 26.91
45			Total			23,971	190,727		1,775,876	92,179	18,714	20,291	47,260	11,950		

Sources:
 Columns (a) through (q) are from Company Books and Records
 Column (r) is CLS1-3, Line 28 multiplied by Column (p).
 Column (s) is CLS1-3, Line 30
 Columns (t)-(v) are CLS1-3, Lines 58-81, Column (f).
 Column (w) is the sum of Columns (r)-(v).
 Column (x) is Column (w) multiplied by Column (n).

fx 217,600,492 used for the ECA calc
 hard keyed 217,600,492 sum of total kWh of all RD tabs

RULE 20:10:13:98
 STATEMENT O WORKPAPER - Tab RD1-7 (LIT)
 Lighting Rate Design
 Test Year Ending December 31, 2013
 Utility: MidAmerican Energy Company
 Docket No. EL14-XXX

Individual Responsible: Charles Rea

Lighting Rate Design
 Final Model

Line	Tariff (a)	Type (b)	Description (c)	Total Revenue (x)								
1	MLD	North MLD	100W HPS Co, Open Ref	113.16	\$	5.65	\$	4.72	-17%	0	\$	(0.93)
2	MLD	North MLD	100W HPS Co, Open Ref, Mtr	1,105.56	\$	5.65	\$	4.72	-17%	0	\$	(0.93)
3	MLD	North MLD	100W HPS Cust, Maint., Mtr	44.19	\$	4.43	\$	3.68	-17%	0	\$	(0.75)
4	MLD	North MLD	175W MV Co, Open Ref	76.93	\$	5.10	\$	6.52	28%	1	\$	1.42
5	MLD	North MLD	175W MV Co, Open Ref, Mtr	699.70	\$	5.10	\$	6.52	28%	1	\$	1.42
6	MLD	North MLD	250W HPS Flood	454.95	\$	13.12	\$	8.43	-36%	0	\$	(4.70)
7	Pole	North PLD	Additional WP OH N	6,744.08	\$	2.50	\$	2.92	17%	0	\$	0.42
8	Pole, Span	North PLD	Additional WP UG N	5,135.32	\$	4.00	\$	5.98	50%	1	\$	1.98
9	Mast	North PLD	Mast	622.29	\$	0.42	\$	0.49	16%	0	\$	0.07
10	PLD	North PLD	1000W HPS Company, Flood	3,451.51	\$	29.12	\$	23.97	-18%	0	\$	(5.15)
11	PLD	North PLD	1000W HPS Company, Flood	-	\$	40.33	\$	39.50	-2%	0	\$	(0.83)
12	PLD	North PLD	1000W MV Company, Cobra	277.32	\$	16.84	\$	23.97	42%	1	\$	7.13
13	PLD	North PLD	1000W HPS Customer, Energy Only	-	\$	15.22	\$	19.93	31%	0	\$	4.71
14	PLD	North PLD	1000W HPS Customer, Maint.	-	\$	17.68	\$	21.17	20%	0	\$	3.49
15	PLD	North PLD	70W HPS Customer, Energy Only	-	\$	1.31	\$	1.71	31%	0	\$	0.40
16	PLD	North PLD	70W HPS Customer, Maint.	-	\$	3.88	\$	2.96	-24%	0	\$	(0.92)
17	PLD	North PLD	100W HPS Co, Cobra, FP, UG	4,656.80	\$	14.99	\$	20.42	36%	1	\$	5.44
18	PLD	North PLD	100W HPS Co, Open Ref, Mtr	112.55	\$	5.65	\$	4.72	-17%	0	\$	(0.93)
19	PLD	North PLD	100W HPS Co, Open Refractor	22,993.63	\$	5.65	\$	4.72	-17%	0	\$	(0.93)
20	PLD	North PLD	100W HPS Co, Victorian, FP, UG	17,865.72	\$	17.41	\$	21.58	24%	1	\$	4.17
21	PLD	North PLD	100W HPS Company, Cobra	63.56	\$	5.83	\$	4.89	-16%	0	\$	(0.94)
22	PLD	North PLD	100W HPS Company, Flood	59.51	\$	7.22	\$	5.31	-26%	0	\$	(1.90)
23	PLD	North PLD	100W HPS Company, Orn, UG	18,167.68	\$	11.87	\$	20.65	74%	1	\$	8.78
24	PLD	North PLD	100W HPS Cust, Maint., Metered	1,148.89	\$	4.43	\$	3.68	-17%	0	\$	(0.75)
25	PLD	North PLD	100W HPS Customer, Energy Only	5,327.67	\$	1.86	\$	2.44	31%	1	\$	0.58
26	PLD	North PLD	100W HPS Customer, Maint.	-	\$	4.43	\$	3.68	-17%	0	\$	(0.75)
27	PLD	North PLD	150W HPS Customer, Energy Only	84.71	\$	2.70	\$	3.53	31%	1	\$	0.83
28	PLD	North PLD	150W HPS Customer, Maint.	-	\$	5.27	\$	4.77	-9%	0	\$	(0.49)
29	PLD	North PLD	175W MV Co, Open Refractor	7,911.17	\$	5.10	\$	6.52	28%	1	\$	1.42
30	PLD	North PLD	175W MV Company, Orn, UG	2,104.01	\$	9.46	\$	22.05	133%	1	\$	12.60
31	PLD	North PLD	250W HPS Co, Cobra, MP, UG	10,473.09	\$	23.18	\$	23.63	2%	0	\$	0.45
32	PLD	North PLD	250W HPS Co, Flood, MP, UG	554.21	\$	24.37	\$	23.96	-2%	0	\$	(0.41)
33	PLD	North PLD	250W HPS Company, Cobra	4,557.24	\$	12.32	\$	8.10	-34%	0	\$	(4.23)
34	PLD	North PLD	250W HPS Company, Flood	10,061.16	\$	13.12	\$	8.43	-36%	0	\$	(4.70)
35	PLD	North PLD	250W HPS Customer, Energy Only	7,332.51	\$	4.28	\$	5.61	31%	1	\$	1.32
36	PLD	North PLD	250W HPS Customer, Maint.	1,232.76	\$	6.74	\$	6.85	2%	0	\$	0.10
37	PLD	North PLD	400W HPS Co, Cobra, MP, UG	11,747.40	\$	27.10	\$	26.83	-1%	0	\$	(0.27)
38	PLD	North PLD	400W HPS Co, Flood, MP, UG	3,003.22	\$	29.61	\$	27.00	-9%	0	\$	(2.62)
39	PLD	North PLD	400W HPS Company, Cobra	8,686.27	\$	13.09	\$	11.30	-14%	0	\$	(1.80)
40	PLD	North PLD	400W HPS Company, Flood	21,025.50	\$	15.89	\$	11.46	-28%	0	\$	(4.43)
41	PLD	North PLD	400W HPS Customer, Energy Only	8,221.97	\$	6.54	\$	8.56	31%	1	\$	2.02
42	PLD	North PLD	400W HPS Customer, Maint.	3,295.26	\$	9.00	\$	9.81	9%	0	\$	0.81
43	PLD	North PLD	400W MV Company, Cobra	983.08	\$	13.09	\$	11.38	-13%	0	\$	(1.71)
44	PLD	North PLD	400W MV Company, Cobra	-	\$	24.58	\$	26.91	9%	0	\$	2.33
45			Total	190,395						8709		

Sources:
 Columns (a) through (q) are from Company Books and Records
 Column (r) is CLS1-3, Line 28 multiplied by Column (p).
 Column (s) is CLS1-3, Line 30
 Columns (t)-(v) are CLS1-3, Lines 58-81, Column (f).
 Column (w) is the sum of Columns (r)-(v).
 Column (x) is Column (w) multiplied by Column (n).