

Schedule E

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E
Witness: E. L. Falletich
M. L. Heiser
W. J. Newbold
M. W. Shields
M. R. Williamson

The Detroit Edison Company

Cost of Service

Year 2007

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Unbundled Cost of Service Excluding Securitization Bond
Year Ending Dec 31, 2005 Adjusted for K&M Changes Thru Dec. 31, 2007 4 CP multi-hour Staff Method
(thousands of dollars)

		(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Total	Alloc	Total	Total	Total	Total	Total
	Alloc	Electric	Juris	Residential	Commercial	Primary	Government	Wholesale
1	Rate Base	8,072,679	7,906,787	3,508,965	1,978,294	1,998,094	421,434	165,889
2	Revenue excl Securitization Bond	4,212,939	4,138,822	1,686,729	966,704	1,288,098	197,293	58,829
3	Expenses:							
4	Fuel	941,118	909,168	327,392	195,781	340,184	45,811	31,949
5	Purchased Power	569,998	544,091	181,301	102,212	233,127	27,451	25,907
6	O & M Expense	1,346,535	1,320,770	662,731	311,155	297,870	49,014	25,763
7	Depreciation	492,529	484,208	225,025	120,956	114,339	23,888	8,320
8	Other (Net Reg Assets, etc)	903 36,182	36,182	13,156	7,642	13,626	1,758	-
9	Gain on Sale of Allowances	192 (2,933)	(2,811)	(992)	(611)	(1,065)	(143)	(122)
10	Other Taxes	239,232	234,002	104,926	57,349	60,121	11,606	5,219
11	Income Taxes	147,132	156,701	33,095	45,344	68,091	10,172	(14,915)
12	Amortizations	0	0	0	0	0	0	-
13	Total Expenses	3,769,792	3,682,311	1,546,633	839,829	1,126,294	169,556	82,120
14	Net Oper Income	443,147	456,511	140,096	126,875	161,804	27,737	(23,292)
15	AFUDC	505 6,107	5,967	2,565	1,520	1,579	304	140
16	Net Adjustments	42,284	42,131	81,409	(15,880)	(21,555)	(1,844)	154
17	Known & Measurable NOI Adjustments	80,680	64,381	(48,843)	44,280	67,860	1,084	23,317
18	Adj Net Oper Income	572,218	568,990	175,227	156,794	209,688	27,281	318
19	Rate of Return	7.09%	7.20%	4.99%	7.93%	10.49%	6.47%	0.19%
20	Return @ 7.36 %	594,149	581,940	258,260	145,602	147,060	31,018	12,209
21	Income Deficiency	21,931	12,949	83,032	(11,192)	(62,628)	3,737	11,891
22	Base Revenue Def / (Sufficiency)	34,484	20,362	130,560	(17,598)	(98,476)	5,876	18,697
23	Additional Rev Req	-	24,921	9,045	5,216	9,458	1,202	(24,921)
24	Total Revenue Def/ (Sufficiency)	34,484	45,283	139,605	(12,382)	(89,018)	7,078	(6,224)
25	Incr Rev & Tax from 2005 adjustments	17,655	17,655	6,702	3,866	6,213	874	-
26	Tax effects of K&M Revenue Changes	903 39,974	39,974	19,735	10,971	7,019	2,248	-
27	Base Year Deficiency	64,186	29,119	102,334	(57,402)	(26,351)	10,538	50,647
28	Revenue Requirement	4,369,238	4,270,853	1,955,104	911,757	1,185,961	218,031	103,252

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(thousands of dollars)

		(8) D-1/Other Residential Service	(9) D-2 Residential Space Ht	(10) Total Residential	(11) D-3/Other General Service	(12) D-4 Lg Genl Service	(13) Total Commercial Secondary
	<u>Alloc</u>						
1	Rate Base	3,447,401	61,564	3,508,965	1,655,165	323,128	1,978,294
2	Revenue excl Securitization Bond	1,655,304	31,424	1,686,729	848,624	118,079	966,704
3	Expenses:						
4	Fuel	321,296	6,096	327,392	157,547	38,234	195,781
5	Purchased Power	177,545	3,756	181,301	79,648	22,564	102,212
6	O & M Expense	651,281	11,450	662,731	261,184	49,971	311,155
7	Depreciation	220,775	4,250	225,025	101,795	19,161	120,956
8	Other (Net Reg Assets, etc)	12,927	229	13,156	6,207	1,435	7,642
9	Gain on Sale of Allowances	(974)	(18)	(992)	(492)	(119)	(611)
10	Other Taxes	103,055	1,871	104,926	47,858	9,491	57,349
11	Income Taxes	32,264	830	33,095	55,670	(10,326)	45,344
12	Amortizations	0	0	0	0	0	0
13	Total Expenses	1,518,168	28,464	1,546,633	709,418	130,411	839,829
14	Net Oper Income	137,136	2,960	140,096	139,206	(12,331)	126,875
15	AFUDC	2,519	46	2,565	1,258	262	1,520
16	Net Adjustments	80,047	1,362	81,409	(13,493)	(2,386)	(15,880)
17	Known & Measurable NOI Adjustments	(48,444)	(399)	(48,843)	(2,176)	46,456	44,280
18	Adj Net Oper Income	171,259	3,969	175,227	124,794	32,000	156,794
19	Rate of Return	4.97%	6.45%	4.99%	7.54%	9.90%	17.44%
20	Return @ 7.36 %	253,729	4,531	258,260	121,820	23,782	145,602
21	Income Deficiency	82,470	562	83,032	(2,974)	(8,218)	(11,192)
22	Base Revenue Def / (Sufficiency)	129,676	884	130,560	(4,677)	(12,922)	(17,598)
23	Additional Rev Req	8,889	156	9,045	4,210	1,006	5,216
24	Total Revenue Def/ (Sufficiency)	138,565	1,040	139,605	(467)	(11,916)	(12,382)
25	Incr Rev & Tax from 2005 adjustments	6,585	117	6,702	3,162	705	3,866
26	Tax effects of K&M Revenue Changes	19,388	348	19,735	9,308	1,663	10,971
27	Base Year Deficiency	96,076	6,257	102,334	(50,178)	(7,224)	(57,402)
28	Revenue Requirement	1,915,918	39,186	1,955,104	810,449	101,308	911,757

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		(14) D-6/Other	(15) D-7 Transitional	(16) D-8 Interrupt Supply	(17) R-1.1/R-1.2 Metal Melt Process Heat	(18) R-10 Interrupt Supply	(19) Total Primary
	<u>Alloc</u>	<u>Primary</u>					
1 Rate Base		1,263,711	487,442	76,066	61,182	109,693	1,998,094
2 Revenue excl Securitization Bond		813,369	318,888	50,219	36,580	69,041	1,288,098
3 Expenses:							
4 Fuel		217,261	97,904	12,882	9,416	2,722	340,184
5 Purchased Power		123,986	58,153	8,945	5,504	36,540	233,127
6 O & M Expense		184,567	73,811	12,376	9,890	17,225	297,870
7 Depreciation		73,538	27,708	4,202	3,258	5,633	114,339
8 Other (Net Reg Assets, etc)	903	8,348	3,679	482	344	772	13,626
9 Gain on Sale of Allowances	192	(676)	(311)	(46)	(32)	-	(1,065)
10 Other Taxes		37,749	14,780	2,304	1,828	3,461	60,121
11 Income Taxes		51,051	12,256	2,698	1,828	258	68,091
12 Amortizations		0	0	0	0	0	0
13 Total Expenses		695,823	287,980	43,844	32,035	66,611	1,126,294
14 Net Oper Income		117,546	30,907	6,376	4,545	2,430	161,804
15 AFUDC	505	1,005	375	61	50	88	1,579
16 Net Adjustments		(15,811)	(4,130)	(538)	(333)	(743)	(21,555)
17 Known & Measurable NOI Adjustments		65,408	(3,297)	3,809	(494)	2,435	67,860
18 Adj Net Oper Income		168,147	23,856	9,708	3,767	4,210	(19,977)
19 Rate of Return		13.31%	4.89%	12.76%	6.16%	3.84%	-1.00%
20 Return @ 7.36 %		93,009	35,876	5,598	4,503	8,073	147,060
21 Income Deficiency		(75,138)	12,020	(4,109)	736	3,864	(62,628)
22 Base Revenue Def / (Sufficiency)		(118,147)	18,900	(6,461)	1,157	6,075	(98,476)
23 Additional Rev Req		5,768	2,559	332	236	564	9,458
24 Total Revenue Def/ (Sufficiency)		(112,379)	21,459	(6,129)	1,393	6,639	(89,018)
25 Incr Rev & Tax from 2005 adjustments		3,824	1,654	222	162	351	6,213
26 Tax effects of K&M Revenue Changes		4,625	1,468	292	265	369	7,019
27 Base Year Deficiency		(63,803)	35,665	(3,930)	2,036	3,681	(26,351)
28 Revenue Requirement		645,636	379,134	40,674	40,436	80,081	1,185,961

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(thousands of dollars)

		(20) LCC	(21) E-1 St Lgt D9 OPL E-2 Signals	(22) Total LCC/ Other
	<u>Alloc</u>	<u>-</u>		
1	Rate Base	229,286	192,148	421,434
2	Revenue excl Securitization Bond	140,410	56,882	197,293
3	Expenses:			
4	Fuel	41,711	4,100	45,811
5	Purchased Power	23,392	4,058	27,451
6	O & M Expense	34,226	14,788	49,014
7	Depreciation	12,732	11,156	23,888
8	Other (Net Reg Assets, etc) 903	1,576	182	1,758
9	Gain on Sale of Allowances 192	(131)	(11)	(143)
10	Other Taxes	6,874	4,732	11,606
11	Income Taxes	5,601	4,571	10,172
12	Amortizations	<u>0</u>	<u>0</u>	<u>0</u>
13	Total Expenses	125,981	43,575	169,556
14	Net Oper Income	14,430	13,307	27,737
15	AFUDC 505	182	122	304
16	Net Adjustments	(1,740)	(104)	(1,844)
17	Known & Measurable NOI Adjustments	<u>2,996</u>	<u>(1,912)</u>	<u>1083.874523</u>
18	Adj Net Oper Income	15,867	13,325	26,197
19	Rate of Return	6.92%	6.93%	6.22%
20	Return @ 7.36 %	16,875	14,142	31,018
21	Income Deficiency	1,008	2,728	3,737
22	Base Revenue Def / (Sufficiency)	1,586	4,290	5,876
23	Additional Rev Req	<u>1,094</u>	<u>108</u>	<u>1,202</u>
24	Total Revenue Def/ (Sufficiency)	2,680	4,398	7,078
25	Incr Rev & Tax from 2005 adjustments	718	157	874
26	Tax effects of K&M Revenue Changes	797	1,451	2,248
27	Base Year Deficiency	<u>9,218</u>	<u>1,319</u>	<u>10,538</u>
28	Revenue Requirement	153,823	64,207	218,031

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(thousands of dollars)

		(1) -	(2) Alloc	(3)	(4) Total	(5)	(6)	(7)
		Total	Juris	Total	Commercial	Total	Total	Total
	Alloc	Electric	Electric	Residential	Secondary	Primary	Government	Wholesale
1	Rate Base	4,256,297	4,097,208	1,489,723	865,414	1,543,042	199,028	159,086
2	Revenue excl Securitization Bond	2,789,866	2,717,058	1,004,811	539,372	1,047,394	125,482	57,521
3	Expenses:							
4	Fuel	941,118	909,168	327,392	195,781	340,184	45,811	31,949
5	Purchased Power	569,998	544,091	181,301	102,212	233,127	27,451	25,907
6	O & M Expense	630,858	605,257	209,169	128,415	237,742	29,931	25,600
7	Depreciation	246,514	238,398	84,866	51,447	90,931	11,154	8,116
8	Other (Net Reg Assets, etc)	903 36,182	36,182	13,156	7,642	13,626	1,758	-
9	Gain on Sale of Allowances	192 (2,933)	(2,811)	(992)	(611)	(1,065)	(143)	(122)
10	Other Taxes	130,758	125,634	45,358	26,435	47,750	6,092	5,118
11	Income Taxes	59,922	69,760	42,928	5,465	21,197	171	(15,187)
12	Amortizations	0	0	0	0	0	0	-
13	Total Expenses	2,612,416	2,525,679	903,176	516,786	983,493	122,224	81,381
14	Net Oper Income	177,450	191,379	101,635	22,586	63,901	3,257	(23,861)
15	AFUDC	505 6,107	5,967	2,565	1,520	1,579	304	140
16	Net Adjustments	38,220	37,959	70,354	(12,896)	(17,662)	(1,838)	261
17	Known & Measurable NOI Adjustments	58,189	42,113	(47,979)	39,699	50,721	(328)	23,090
18	Adj Net Oper Income	279,967	277,418	126,574	50,909	98,539	1,396	(369)
19	Rate of Return	6.58%	6.77%	8.50%	5.88%	6.39%	0.70%	(0)
20	Return @ 7.36 %	313,263	301,555	109,644	63,694	113,568	14,648	11,709
21	Income Deficiency	33,297	24,137	(16,931)	12,786	15,029	13,253	12,078
22	Base Revenue Def / (Sufficiency)	52,356	37,953	(26,622)	20,104	23,632	20,839	18,991
23	Additional Rev Req	-	24,921	9,045	5,216	9,458	1,202	(24,921)
24	Total Revenue Def/ (Sufficiency)	52,356	62,874	(17,576)	25,320	33,090	22,041	(5,930)
25	Incr Rev & Tax from 2005 adjustments	903 15,958	15,958	5,802	3,371	6,010	775	-
26	Tax effects of K&M Revenue Changes	903 8,727	8,727	3,173	1,843	3,287	424	-
27	Base Year Deficiency	89,895	54,589	(40,334)	7,505	60,694	26,725	50,931
28	Revenue Requirement	2,956,803	2,859,206	955,875	577,411	1,150,474	175,447	102,522

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(thousands of dollars)

		(8) D-1/Other Residential Service	(9) D-2 Residential Space Ht	(10) Total Residential	(11) D-3/Other General Service	(12) D-4 Lg Genl Service	(13) Total Commercial Secondary
	<u>Alloc</u>						
1	Rate Base	1,463,833	25,890	1,489,723	702,889	162,525	865,414
2	Revenue excl Securitization Bond	985,548	19,263	1,004,811	471,379	67,993	539,372
3	Expenses:						
4	Fuel	321,296	6,096	327,392	157,547	38,234	195,781
5	Purchased Power	177,545	3,756	181,301	79,648	22,564	102,212
6	O & M Expense	205,322	3,847	209,169	103,449	24,966	128,415
7	Depreciation	83,292	1,574	84,866	42,125	9,322	51,447
8	Other (Net Reg Assets, etc)	12,927	229	13,156	6,207	1,435	7,642
9	Gain on Sale of Allowances	(974)	(18)	(992)	(492)	(119)	(611)
10	Other Taxes	44,563	795	45,358	21,388	5,046	26,435
11	Income Taxes	42,013	915	42,928	18,045	(12,579)	5,465
12	Amortizations	0	0	0	0	0	0
13	Total Expenses	885,983	17,193	903,176	427,917	88,870	516,786
14	Net Oper Income	99,565	2,070	101,635	43,462	(20,877)	22,586
15	AFUDC	2,519	46	2,565	1,258	262	1,520
16	Net Adjustments	69,130	1,225	70,354	(10,880)	(2,016)	(12,896)
17	Known & Measurable NOI Adjustments	(47,504)	(476)	(47,979)	3,091	36,608	39,699
18	Adj Net Oper Income	123,710	2,864	126,574	36,932	13,977	50,909
19	Rate of Return	0	0	0	0	0	0
20	Return @ 7.36 %	107,738	1,905	109,644	51,733	11,962	63,694
21	Income Deficiency	(15,972)	(959)	(16,931)	14,801	(2,015)	12,786
22	Base Revenue Def / (Sufficiency)	(25,114)	(1,508)	(26,622)	23,273	(3,168)	20,104
23	Additional Rev Req	8,889	156	9,045	4,210	1,006	5,216
24	Total Revenue Def/ (Sufficiency)	(16,225)	(1,352)	(17,576)	27,482	(2,162)	25,320
25	Incr Rev & Tax from 2005 adjustments	5,701	101	5,802	2,738	633	3,371
26	Tax effects of K&M Revenue Changes	3,118	55	3,173	1,497	346	1,843
27	Base Year Deficiency	(42,679)	2,344	(40,334)	5,765	1,740	7,505
28	Revenue Requirement	935,463	20,412	955,875	508,861	68,549	577,411

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(thousands of dollars)

		(14) D-6/Other	(15) D-7 Transitional	(16) D-8 Interrupt Supply	(17) R-1.1/R-1.2 Metal Melt Process Heat	(18) R-10 Interrupt Supply	(19) Total Primary
	<u>Alloc</u>	<u>Primary</u>					
1	Rate Base	945,343	416,658	54,616	38,972	87,453	1,543,042
2	Revenue excl Securitization Bond	595,041	323,868	38,913	29,812	59,760	1,047,394
3	Expenses:						
4	Fuel	217,261	97,904	12,882	9,416	2,722	340,184
5	Purchased Power	123,986	58,153	8,945	5,504	36,540	233,127
6	O & M Expense	142,074	65,097	9,507	6,748	14,316	237,742
7	Depreciation	56,651	24,591	3,067	2,023	4,600	90,931
8	Other (Net Reg Assets, etc)	903 8,348	3,679	482	344	772	13,626
9	Gain on Sale of Allowances	192 (676)	(311)	(46)	(32)	-	(1,065)
10	Other Taxes	29,021	12,916	1,725	1,225	2,863	47,750
11	Income Taxes	1,207	19,286	529	1,400	(1,225)	21,197
12	Amortizations	0	0	0	0	0	0
13	Total Expenses	577,871	281,316	37,091	26,627	60,588	983,493
14	Net Oper Income	17,170	42,552	1,822	3,184	(827)	63,901
15	AFUDC	505 1,005	375	61	50	88	1,579
16	Net Adjustments	(12,443)	(3,697)	(492)	(325)	(705)	(17,662)
17	Known & Measurable NOI Adjustments	56,767	(10,812)	3,289	(414)	1,890	50,721
18	Adj Net Oper Income	62,499	28,419	4,680	2,495	446	(16,083)
19	Rate of Return	6.61%	6.82%	8.57%	6.40%	0.51%	-1.04%
20	Return @ 7.36 %	69,577	30,666	4,020	2,868	6,437	113,568
21	Income Deficiency	7,078	2,247	(660)	373	5,991	15,029
22	Base Revenue Def / (Sufficiency)	11,129	3,534	(1,038)	587	9,420	23,632
23	Additional Rev Req	5,768	2,559	332	236	564	9,458
24	Total Revenue Def/ (Sufficiency)	16,898	6,092	(706)	822	9,984	33,090
25	Incr Rev & Tax from 2005 adjustments	903 3,682	1,623	213	152	341	6,010
26	Tax effects of K&M Revenue Changes	903 2,014	887	116	83	186	3,287
27	Base Year Deficiency	43,592	8,211	974	1,482	6,434	60,694
28	Revenue Requirement	661,226	340,682	39,510	32,351	76,705	1,150,474

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The Detroit Edison Company

Unbundled Cost of Service Excluding Securitization Bond

Year Ending Dec 31, 2005 Adjusted for K&M Changes Thru Dec. 31, 2007 4 CP multi-hour Staff Method

(thousands of dollars)

		(20) LCC	(21) E-1 St Lgt D9 OPL E-2 Signals	(22) Total LCC/ Other
	<u>Alloc</u>	<u>-</u>		
1	Rate Base	178,444	20,584	199,028
2	Revenue excl Securitization Bond	108,163	17,319	125,482
3	Expenses:			
4	Fuel	41,711	4,100	45,811
5	Purchased Power	23,392	4,058	27,451
6	O & M Expense	27,561	2,370	29,931
7	Depreciation	10,121	1,033	11,154
8	Other (Net Reg Assets, etc) 903	1,576	182	1,758
9	Gain on Sale of Allowances 192	(131)	(11)	(143)
10	Other Taxes	5,512	579	6,092
11	Income Taxes	(1,549)	1,720	171
12	Amortizations	<u>0</u>	<u>0</u>	<u>0</u>
13	Total Expenses	108,193	14,031	122,224
14	Net Oper Income	(30)	3,288	3,257
15	AFUDC 505	182	122	304
16	Net Adjustments	(1,581)	(257)	(1,838)
17	Known & Measurable NOI Adjustments	<u>942</u>	<u>(1,269)</u>	<u>-327.6721525</u>
18	Adj Net Oper Income	(488)	3,153	1,723
19	Rate of Return	-0.27%	0	0.87%
20	Return @ 7.36 %	13,133	1,515	14,648
21	Income Deficiency	13,621	(369)	13,253
22	Base Revenue Def / (Sufficiency)	21,418	(580)	20,839
23	Additional Rev Req	<u>1,094</u>	<u>108</u>	<u>1,202</u>
24	Total Revenue Def/ (Sufficiency)	22,512	(471)	22,041
25	Incr Rev & Tax from 2005 adjustments 903	695	80	775
26	Tax effects of K&M Revenue Changes 903	380	44	424
27	Base Year Deficiency	<u>26,840</u>	<u>(114)</u>	<u>26,725</u>
28	Revenue Requirement	158,590	16,857	175,447

Section B
Distribution

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The Detroit Edison Company
Unbundled Cost of Service Excluding Securitization Bond
Year Ending Dec 31, 2005 Adjusted for K&M Changes Thru Dec. 31, 2007 4 CP multi-hour Staff Method
(thousands of dollars)

		(1) -	(2) Alloc	(3)	(4) Total	(5)	(6)	(7)
		Total	Alloc	Total	Commercial	Total	Total	Total
	Alloc	Electric	Electric	Residential	Secondary	Primary	Government	Wholesale
1	Rate Base	3,816,382	3,809,579	2,019,242	1,112,880	455,052	222,406	6,803
2	Revenue excl Securitization Bond	1,423,072	1,421,764	681,918	427,332	240,704	71,811	1,308
3	Expenses:							
4	Fuel	0	0	0	0	0	0	0
5	Purchased Power	0	0	0	0	0	0	0
6	O & M Expense	715,677	715,513	453,562	182,740	60,128	19,083	163
7	Depreciation	246,015	245,811	140,160	69,510	23,408	12,734	204
8	Other (Net Reg Assets, etc)	903	-	-	-	-	-	-
9	Gain on Sale of Allowances	192	-	-	-	-	-	-
10	Other Taxes	108,473	108,367	59,568	30,914	12,371	5,514	100
11	Income Taxes	87,210	86,941	(9,833)	39,879	46,894	10,001	272
12	Amortizations	0	0	0	0	0	0	-
13	Total Expenses	1,157,375	1,156,632	643,457	323,042	142,801	47,332	739
14	Net Oper Income	265,697	265,133	38,461	104,289	97,903	24,479	569
15	AFUDC	505	(0)	(0)	(0)	(0)	(0)	(0)
16	Net Adjustments	4,064	4,172	11,055	(2,984)	(3,893)	(6)	(108)
17	Known & Measurable NOI Adjustments	22,490	22,268	(863)	4,581	17,139	1,412	226
18	Adj Net Oper Income	292,251	291,573	48,653	105,886	111,149	25,885	687
19	Rate of Return	7.66%	7.65%	2.41%	9.51%	24.43%	11.64%	10%
20	Return @ 7.36 %	280,886	280,385	148,616	81,908	33,492	16,369	501
21	Income Deficiency	(11,365)	(11,188)	99,963	(23,978)	(77,657)	(9,516)	(187)
22	Base Revenue Def / (Sufficiency)	(17,870)	(17,591)	157,182	(37,702)	(122,108)	(14,963)	(294)
23	Additional Rev Req	0	0	0	0	0	0	-
24	Total Revenue Def/ (Sufficiency)	(17,870)	(17,591)	157,182	(37,702)	(122,108)	(14,963)	(294)
25	Incr Rev & Tax from 2005 adjustments	903	1,697	899	496	203	99	-
26	Tax effects of K&M Revenue Changes	903	31,247	16,562	9,128	3,732	1,824	-
27	Base Year Deficiency	(25,709)	(25,470)	142,668	(64,907)	(87,044)	(16,187)	(284)
28	Revenue Requirement	1,412,437	1,411,646	999,229	334,346	35,487	42,584	730

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The Detroit Edison Company

Unbundled Cost of Service Excluding Securitization Bond

Year Ending Dec 31, 2005 Adjusted for K&M Changes Thru Dec. 31, 2007 4 CP multi-hour Staff Method

(thousands of dollars)

		(8) D-1/Other Residential Service	(9) D-2 Residential Space Ht	(10) Total Residential	(11) D-3/Other General Service	(12) D-4 Lg Genl Service	(13) Total Commercial Secondary
1	Rate Base	1,983,567	35,674	2,019,242	952,277	160,603	1,112,880
2	Revenue excl Securitization Bond	669,757	12,161	681,918	377,245	50,087	427,332
3	Expenses:						
4	Fuel	0	0	0	0	0	0
5	Purchased Power	0	0	0	0	0	0
6	O & M Expense	445,959	7,603	453,562	157,735	25,005	182,740
7	Depreciation	137,484	2,676	140,160	59,671	9,839	69,510
8	Other (Net Reg Assets, etc)	903	-	-	-	-	-
9	Gain on Sale of Allowances	192	-	-	-	-	-
10	Other Taxes	58,492	1,076	59,568	26,470	4,444	30,914
11	Income Taxes	(9,749)	(84)	(9,833)	37,626	2,253	39,879
12	Amortizations	0	0	0	0	0	0
13	Total Expenses	632,186	11,271	643,457	281,501	41,541	323,042
14	Net Oper Income	37,571	890	38,461	95,744	8,545	104,289
15	AFUDC	505	(0)	(0)	(0)	(0)	(0)
16	Net Adjustments	10,918	137	11,055	(2,614)	(370)	(2,984)
17	Known & Measurable NOI Adjustments	(940)	77	(863)	(5,268)	9,848	4,581
18	Adj Net Oper Income	47,549	1,104	48,653	87,862	18,023	105,886
19	Rate of Return	2.40%	3.10%	2.41%	9.23%	11.22%	20.45%
20	Return @ 7.36 %	145,991	2,626	148,616	70,088	11,820	81,908
21	Income Deficiency	98,442	1,521	99,963	(17,775)	(6,203)	(23,978)
22	Base Revenue Def / (Sufficiency)	154,790	2,392	157,182	(27,949)	(9,753)	(37,702)
23	Additional Rev Req	0	0	0	0	0	0
24	Total Revenue Def/ (Sufficiency)	154,790	2,392	157,182	(27,949)	(9,753)	(37,702)
25	Incr Rev & Tax from 2005 adjustments	903	884	16	899	424	72
26	Tax effects of K&M Revenue Changes	903	16,270	293	16,562	7,811	1,317
27	Base Year Deficiency	138,755	3,913	142,668	(55,943)	(8,963)	(64,907)
28	Revenue Requirement	980,455	18,775	999,229	301,588	32,759	334,346

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The Detroit Edison Company

Unbundled Cost of Service Excluding Securitization Bond

Year Ending Dec 31, 2005 Adjusted for K&M Changes Thru Dec. 31, 2007 4 CP multi-hour Staff Method

(thousands of dollars)

		(14) D-6/Other	(15) D-7 Transitional	(16) D-8 Interrupt Supply	(17) R-1.1/R-1.2 Metal Melt Process Heat	(18) R-10 Interrupt Supply	(19) Total Primary
	<u>Alloc</u>	<u>Primary</u>					
1 Rate Base		318,368	70,783	21,449	22,210	22,241	455,052
2 Revenue excl Securitization Bond		218,328	(4,980)	11,306	6,768	9,281	240,704
3 Expenses:							
4 Fuel		0	0	0	0	0	0
5 Purchased Power		0	0	0	0	0	0
6 O & M Expense		42,494	8,713	2,869	3,142	2,909	60,128
7 Depreciation		16,888	3,117	1,135	1,235	1,033	23,408
8 Other (Net Reg Assets, etc)	903	-	-	-	-	-	-
9 Gain on Sale of Allowances	192	-	-	-	-	-	-
10 Other Taxes		8,728	1,864	579	603	598	12,371
11 Income Taxes		49,844	(7,029)	2,169	428	1,483	46,894
12 Amortizations		0	0	0	0	0	0
13 Total Expenses		117,953	6,665	6,752	5,408	6,023	142,801
14 Net Oper Income		100,376	(11,645)	4,554	1,360	3,258	97,903
15 AFUDC	505	(0)	(0)	(0)	(0)	(0)	(0)
16 Net Adjustments		(3,369)	(432)	(46)	(8)	(38)	(3,893)
17 Known & Measurable NOI Adjustments		8,641	7,515	520	(80)	545	17,139
18 Adj Net Oper Income		105,648	(4,563)	5,028	1,272	3,764	111,149
19 Rate of Return		33.18%	-6.45%	23.44%	5.73%	16.92%	24.43%
20 Return @ 7.36 %		23,432	5,210	1,579	1,635	1,637	33,492
21 Income Deficiency		(82,216)	9,772	(3,449)	363	(2,127)	(77,657)
22 Base Revenue Def / (Sufficiency)		(129,276)	15,366	(5,423)	570	(3,345)	(122,108)
23 Additional Rev Req		0	0	0	0	0	0
24 Total Revenue Def/ (Sufficiency)		(129,276)	15,366	(5,423)	570	(3,345)	(122,108)
25 Incr Rev & Tax from 2005 adjustments	903	142	32	10	10	10	203
26 Tax effects of K&M Revenue Changes	903	2,611	581	176	182	182	3,732
27 Base Year Deficiency		(107,395)	27,454	(4,904)	554	(2,753)	(87,044)
28 Revenue Requirement		(15,590)	38,451	1,165	8,085	3,376	35,487

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The Detroit Edison Company

Unbundled Cost of Service Excluding Securitization Bond

Year Ending Dec 31, 2005 Adjusted for K&M Changes Thru Dec. 31, 2007 4 CP multi-hour Staff Method

(thousands of dollars)

		(20) LCC	(21) E-1 St Lgt D9 OPL E-2 Signals	(22) Total LCC/ Other
	<u>Alloc</u>	<u>-</u>		
1	Rate Base	50,842	171,564	222,406
2	Revenue excl Securitization Bond	32,248	39,563	71,811
3	Expenses:			
4	Fuel	0	0	0
5	Purchased Power	0	0	0
6	O & M Expense	6,665	12,417	19,083
7	Depreciation	2,612	10,122	12,734
8	Other (Net Reg Assets, etc) 903	-	-	-
9	Gain on Sale of Allowances 192	-	-	-
10	Other Taxes	1,362	4,153	5,514
11	Income Taxes	7,149	2,851	10,001
12	Amortizations	<u>0</u>	<u>0</u>	<u>0</u>
13	Total Expenses	17,788	29,544	47,332
14	Net Oper Income	14,460	10,019	24,479
15	AFUDC 505	(0)	(0)	(0)
16	Net Adjustments	(159)	153	(6)
17	Known & Measurable NOI Adjustments	<u>2,054</u>	<u>(642)</u>	<u>1,412</u>
18	Adj Net Oper Income	16,355	9,530	25,885
19	Rate of Return	32.17%	5.55%	11.64%
20	Return @ 7.36 %	3,742	12,627	16,369
21	Income Deficiency	(12,613)	3,097	(9,516)
22	Base Revenue Def / (Sufficiency)	(19,833)	4,870	(14,963)
23	Additional Rev Req	<u>0</u>	<u>0</u>	<u>0</u>
24	Total Revenue Def/ (Sufficiency)	<u>(19,833)</u>	<u>4,870</u>	<u>(14,963)</u>
25	Incr Rev & Tax from 2005 adjustments 903	23	76	99
26	Tax effects of K&M Revenue Changes 903	417	1,407	1,824
27	Base Year Deficiency	<u>(17,621)</u>	<u>1,434</u>	<u>(16,187)</u>
28	Revenue Requirement	(4,766)	47,350	42,584

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**The Detroit Edison Company
Test Year Sales by Rate Schedule - 2007**

(This information is shown on Exhibit No. DE-13, Schedule E6)

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The Detroit Edison Company
Billing Determinants by Rate Schedule - 2007

(This information is shown on Exhibit No. DE-13, Schedule E6)

**The Detroit Edison Company
Summary of Present and Proposed Revenue
by Rate Schedule - 2007**

The Detroit Edison Company
Summary of Present and Proposed Revenue by Rate Schedule - 2007
(Total Revenues)

Line No.	(a)	(b) Total Present Revenue (\$000's)	(c) Schedule E6 Proposed Revenue (\$000's)	(d) Total Net Increase/ (Decrease) (\$000's)	(e) Total Net Increase/ (Decrease) (%)
	Residential				
1	D1 Residential	\$1,579,375	\$1,597,762	\$18,387	1.16%
2	D1a Farm	\$3,915	\$3,960	\$45	1.15%
3	D1.1 Int. Air	\$43,868	\$44,451	\$583	1.33%
4	D1.2 TOD	\$118	\$120	\$2	1.64%
5	D1.3 Sr. Citizen	\$36,457	\$36,808	\$351	0.96%
6	D1.4 TOD	\$9,452	\$9,589	\$137	1.45%
7	D1.5 Supp. Sp. Ht.	\$145	\$147	\$2	1.19%
8	D1.7 TOD	\$3,185	\$3,221	\$36	1.13%
9	D2 Space Ht.	\$32,756	\$33,124	\$368	1.12%
10	D2a Farm	\$203	\$205	\$2	1.19%
11	D5 Res. Water Ht.	\$18,814	\$19,089	\$275	1.46%
12	Total Residential	\$1,728,288	\$1,748,476	\$20,188	1.17%
13					
14	Commercial				
15	D1.1 Int. Air	\$797	\$805	\$8	1.00%
16	D1.7 TOD	\$18	\$18	\$0	1.35%
17	D3 Gen. Serv.	\$768,320	\$778,178	\$9,858	1.28%
18	D3.1 Unmetered	\$9,633	\$9,756	\$123	1.28%
19	D3.3 Interruptible	\$12,535	\$12,679	\$144	1.15%
20	D3.4 TOD	\$85	\$86	\$1	1.18%
21	D4 Lg. Gen. Serv.	\$209,716	\$212,277	\$2,561	1.22%
22	D5 Com. Wat. Ht.	\$663	\$672	\$9	1.36%
23	R7 Greenhs. Ltg.	\$100	\$101	\$1	1.00%
24	R8 Space Cond.	\$7,017	\$7,103	\$86	1.23%
25	Total Commercial	\$1,008,884	\$1,021,675	\$12,791	1.27%
26					
27	Primary				
28	D6 Prim. Supply	\$781,421	\$788,385	\$6,964	0.89%
29	D6.1 Alt. Primary	\$107,094	\$107,820	\$726	0.68%
30	D7 Lg. Pri. Supply	\$305,895	\$306,806	\$911	0.30%
31	D8 Int. Primary	\$56,437	\$56,888	\$451	0.80%
32	D10 El. Schools	\$4,557	\$4,600	\$43	0.94%
33	R1.1 Alt. Mtl. Melt.	\$5,417	\$5,455	\$38	0.70%
34	R1.2 El. Pr. Htg.	\$29,731	\$29,938	\$207	0.70%
35	R3 Standby	\$6,799	\$6,863	\$64	0.94%
36	R10 Int. Supply	\$103,415	\$103,891	\$476	0.46%
37	Total Industrial	\$1,400,766	\$1,410,646	\$9,880	0.71%
38					
39	LCC/Other				
40	D9 Res. OPL	\$1,785	\$1,819	\$34	1.90%
41	D9 Comm. OPL	\$4,171	\$4,251	\$80	1.92%
42	E1 Street Lighting	\$42,819	\$43,640	\$821	1.92%
43	E1.1 Eng. St. Ltg.	\$1,547	\$1,567	\$20	1.29%
44	E2 Traffic Lights	\$3,922	\$3,997	\$75	1.91%
45	E5 Sec. Pumping	\$10,679	\$10,795	\$116	1.09%
46	LCC's	\$142,894	\$144,172	\$1,278	0.89%
47	Total LCC/Other	\$207,817	\$210,241	\$2,424	1.17%
48					
49	Total All Classes	<u>\$4,345,755</u>	<u>\$4,391,038</u>	<u>\$45,283</u>	<u>1.04%</u>

The Detroit Edison Company
Summary of Present and Proposed Revenue by Rate Schedule - 2007
(Power Supply Revenues)

Line No.	(a) Residential	(b) Power Supply Sales (MWH)	(c) Present Revenue (\$000's)	(d) Allocation of Increase/ (Decrease) (\$000's)	(e) Proposed Revenue (\$000's)	(f) Increase/ (Decrease) (%)	(g) Proposed Surcharge/ (Credit) (%)
1	D1 Residential	14,464,479	\$859,973	\$0	\$859,973	0.00%	0.0000¢
2	D1a Farm	35,284	\$2,147	\$0	\$2,147	0.00%	0.0000¢
3	D1.1 Int. Air	449,848	\$21,041	\$0	\$21,041	0.00%	0.0000¢
4	D1.2 TOD	1,171	\$52	\$0	\$52	0.00%	0.0000¢
5	D1.3 Sr. Citizen	402,870	\$22,727	\$0	\$22,727	0.00%	0.0000¢
6	D1.4 TOD	103,735	\$4,111	\$0	\$4,111	0.00%	0.0000¢
7	D1.5 Supp. Sp. Ht.	1,578	\$62	\$0	\$62	0.00%	0.0000¢
8	D1.7 TOD	54,221	\$1,792	\$0	\$1,792	0.00%	0.0000¢
9	D2 Space Ht.	332,366	\$18,361	\$0	\$18,361	0.00%	0.0000¢
10	D2a Farm	2,067	\$118	\$0	\$118	0.00%	0.0000¢
11	D5 Res. Water Ht.	270,182	\$8,055	\$0	\$8,055	0.00%	0.0000¢
12	Total Residential	16,117,801	\$938,439	\$0	\$938,439	0.00%	
13							
14	Commercial						
15	D1.1 Int. Air	9,361	\$467	\$0	\$467	0.00%	0.0000¢
16	D1.7 TOD	288	\$8	\$0	\$8	0.00%	0.0000¢
17	D3 Gen. Serv.	6,633,817	\$382,627	\$0	\$382,627	0.00%	0.0000¢
18	D3.1 Unmetered	87,345	\$4,817	\$0	\$4,817	0.00%	0.00%
19	D3.3 Interruptible	145,807	\$6,913	\$0	\$6,913	0.00%	0.0000¢
20	D3.4 TOD	841	\$47	\$0	\$47	0.00%	0.0000¢
21	D4 Lg. Gen. Serv.	2,007,950	\$109,529	\$0	\$109,529	0.00%	0.0000¢
22	D5 Com. Wat. Ht.	9,910	\$329	\$0	\$329	0.00%	0.0000¢
23	R7 Greenhs. Ltg.	1,638	\$49	\$0	\$49	0.00%	0.0000¢
24	R8 Space Cond.	71,602	\$3,662	\$0	\$3,662	0.00%	0.0000¢
25	Total Commercial	8,968,559	\$508,448	\$0	\$508,448	0.00%	
26							
27	Primary						
28	D6 Prim. Supply	9,408,215	\$508,978	\$0	\$508,978	0.00%	0.0000¢
29	D6.1 Alt. Primary	1,796,101	\$78,694	\$0	\$78,694	0.00%	0.0000¢
30	D7 Lg. Pri. Supply	5,484,416	\$270,259	\$0	\$270,259	0.00%	0.0000¢
31	D8 Int. Primary	813,454	\$38,792	\$0	\$38,792	0.00%	0.0000¢
32	D10 El. Schools	49,630	\$2,880	\$0	\$2,880	0.00%	0.0000¢
33	R1.1 Alt. Mtl. Melt.	74,509	\$3,931	\$0	\$3,931	0.00%	0.0000¢
34	R1.2 El. Pr. Htg.	425,471	\$21,612	\$0	\$21,612	0.00%	0.0000¢
35	R3 Standby	92,744	\$4,298	\$0	\$4,298	0.00%	0.0000¢
36	R10 Int. Supply	1,293,982	\$84,770	\$0	\$84,770	0.00%	0.0000¢
37	Total Industrial	19,438,522	\$1,014,214	\$0	\$1,014,214	0.00%	
38							
39	LCC/Other						
40	D9 Res. OPL	9,399	\$446	\$0	\$446	0.00%	0.00%
41	D9 Comm. OPL	28,561	\$1,043	\$0	\$1,043	0.00%	0.00%
42	E1 Street Lighting	215,787	\$10,705	\$0	\$10,705	0.00%	0.00%
43	E1.1 Eng. St. Ltg.	26,413	\$748	\$0	\$748	0.00%	0.0000¢
44	E2 Traffic Lights	82,000	\$981	\$0	\$981	0.00%	0.00%
45	E5 Sec. Pumping	109,300	\$6,137	\$0	\$6,137	0.00%	0.0000¢
46	LCC's	2,141,159	\$92,881	\$0	\$92,881	0.00%	N/A
47	Total LCC/Other	2,612,619	\$112,940	\$0	\$112,940	0.00%	
48							
49	Total All Classes	<u>47,137,501</u>	<u>\$2,574,041</u>	<u>\$0</u>	<u>\$2,574,041</u>	<u>0.00%</u>	
50							
51	Total Power Supply Increase per Exh. A-13, Sch. E1			\$0			
52	Total Revenues			\$2,574,041			
53	Average Percent Increase/(Decrease)			0.00%			

Note: Unmetered functional revenues are estimated @ approximately 50%-D3.1; 25%-D9/E1/E2; 65%-LCC%.

The Detroit Edison Company
Summary of Present and Proposed Revenue by Rate Schedule - 2007
(Distribution Revenues)

Line No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Residential	Distribution Sales (MWH)	Present Revenue (\$000's)	Allocation of Increase/ (Decrease) (\$000's)	Proposed Revenue (\$000's)	Increase/ (Decrease) (%)	Proposed Surcharge/ (Credit) (%)
1	D1 Residential	14,464,479	\$719,402	\$18,387	\$737,789	2.56%	0.1271¢
2	D1a Farm	35,284	\$1,768	\$45	\$1,813	2.56%	0.1281¢
3	D1.1 Int. Air	449,848	\$22,827	\$583	\$23,410	2.56%	0.1297¢
4	D1.2 TOD	1,171	\$66	\$2	\$68	2.56%	0.1441¢
5	D1.3 Sr. Citizen	402,870	\$13,730	\$351	\$14,081	2.56%	0.0871¢
6	D1.4 TOD	103,735	\$5,341	\$137	\$5,478	2.56%	0.1316¢
7	D1.5 Supp. Sp. Ht.	1,578	\$83	\$2	\$85	2.56%	0.1344¢
8	D1.7 TOD	54,221	\$1,393	\$36	\$1,429	2.56%	0.0657¢
9	D2 Space Ht.	332,366	\$14,395	\$368	\$14,763	2.56%	0.1107¢
10	D2a Farm	2,067	\$85	\$2	\$87	2.56%	0.1051¢
11	D5 Res. Water Ht.	270,182	\$10,759	\$275	\$11,034	2.56%	0.1018¢
12	Total Residential	16,117,801	\$789,849	\$20,188	\$810,037	2.56%	
13							
14	Commercial						
15	D1.1 Int. Air	9,361	\$330	\$8	\$338	2.56%	0.0901¢
16	D1.7 TOD	288	\$9	\$0	\$10	2.56%	0.0840¢
17	D3 Gen. Serv.	8,189,817	\$385,693	\$9,858	\$395,551	2.56%	0.1204¢
18	D3.1 Unmetered	87,345	\$4,817	\$123	\$4,940	2.56%	1.28%
19	D3.3 Interruptible	145,807	\$5,622	\$144	\$5,766	2.56%	0.0985¢
20	D3.4 TOD	841	\$38	\$1	\$39	2.56%	0.1155¢
21	D4 Lg. Gen. Serv.	2,551,950	\$100,187	\$2,561	\$102,748	2.56%	0.1003¢
22	D5 Com. Wat. Ht.	9,910	\$334	\$9	\$343	2.56%	0.0861¢
23	R7 Greenhs. Ltg.	1,638	\$51	\$1	\$52	2.56%	0.0796¢
24	R8 Space Cond.	71,602	\$3,355	\$86	\$3,441	2.56%	0.1198¢
25	Total Commercial	11,068,559	\$500,436	\$12,791	\$513,227	2.56%	
26							
27	Primary						
28	D6 Prim. Supply	10,708,215	\$272,443	\$6,963	\$279,406	2.56%	0.0650¢
29	D6.1 Alt. Primary	1,796,101	\$28,400	\$726	\$29,126	2.56%	0.0404¢
30	D7 Lg. Pri. Supply	5,484,416	\$35,637	\$911	\$36,548	2.56%	0.0166¢
31	D8 Int. Primary	813,454	\$17,645	\$451	\$18,096	2.56%	0.0554¢
32	D10 El. Schools	49,630	\$1,677	\$43	\$1,720	2.56%	0.0864¢
33	R1.1 Alt. Mtl. Melt.	74,509	\$1,486	\$38	\$1,524	2.56%	0.0510¢
34	R1.2 El. Pr. Htg.	425,471	\$8,119	\$208	\$8,327	2.56%	0.0488¢
35	R3 Standby	92,744	\$2,500	\$64	\$2,564	2.56%	0.0689¢
36	R10 Int. Supply	1,293,982	\$18,644	\$477	\$19,121	2.56%	0.0368¢
37	Total Industrial	20,738,522	\$386,551	\$9,880	\$396,431	2.56%	
38							
39	LCC/Other						
40	D9 Res. OPL	9,399	\$1,339	\$34	\$1,373	2.56%	1.92%
41	D9 Comm. OPL	28,561	\$3,128	\$80	\$3,208	2.56%	1.92%
42	E1 Street Lighting	215,787	\$32,114	\$821	\$32,935	2.56%	1.92%
43	E1.1 Eng. St. Ltg.	26,413	\$799	\$20	\$819	2.56%	0.0773¢
44	E2 Traffic Lights	82,000	\$2,942	\$75	\$3,017	2.56%	1.92%
45	E5 Sec. Pumping	109,300	\$4,542	\$116	\$4,658	2.56%	0.1062¢
46	LCC's	2,141,159	\$50,013	\$1,278	\$51,291	2.56%	0.0597¢
47	Total LCC/Other	2,612,619	\$94,877	\$2,425	\$97,302	2.56%	
48							
49	Total All Classes	50,537,501	\$1,771,713	\$45,283	\$1,816,996	2.56%	
50							
51	Total Distribution Increase per Exh. A-13, Sch. E1			\$45,283			
52	Total Revenues			\$1,771,713			
53	Average Percent Increase/(Decrease)			2.56%			

Notes:

- Unmetered functional revenues are estimated @ approximately 50%-D3.1; 75%-D9/E1/E2; 35-LCC%.
- Unmetered surcharges stated on a % of total bill basis as these customers rates are not unbundled.

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Witness: E. L. Falletich

The Detroit Edison Company
Case No. U-14838
Typical Bill Comparisons by Rate Schedule

Michigan Public Service Commission
The Detroit Edison Company
Residential Service Rate - D1
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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Witness: E. L. Falletich

Present Rates:

Power Supply Charges:

First 17 KWH/Day 0.04531
Excess 0.05941

Power Supply Surcharges: 0.009674

Distribution Charge: 0.04284

Distribution Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

First 17 KWH/Day 0.05271
Excess 0.06681

Power Supply Surcharges: 0.002274

Distribution Charge: 0.04279

Distribution Surcharges: 0.008145

Line No.	(A) Monthly KWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$10.46	\$10.59	\$0.13	1.21	10.59
2	120	\$12.56	\$12.71	\$0.15	1.21	10.59
3	140	\$14.65	\$14.83	\$0.18	1.21	10.59
4	160	\$16.74	\$16.95	\$0.20	1.21	10.59
5	180	\$18.84	\$19.07	\$0.23	1.21	10.59
6	200	\$20.93	\$21.18	\$0.25	1.21	10.59
7	240	\$25.12	\$25.42	\$0.31	1.21	10.59
8	280	\$29.30	\$29.66	\$0.36	1.21	10.59
9	300	\$31.39	\$31.78	\$0.38	1.21	10.59
10	350	\$36.63	\$37.07	\$0.44	1.21	10.59
11	400	\$41.86	\$42.37	\$0.51	1.21	10.59
12	450	\$47.09	\$47.66	\$0.57	1.21	10.59
13	500	\$52.32	\$52.96	\$0.64	1.21	10.59
14	550	\$58.12	\$58.82	\$0.70	1.20	10.69
15	600	\$64.06	\$64.82	\$0.76	1.19	10.80
16	650	\$70.00	\$70.82	\$0.83	1.18	10.90
17	700	\$75.93	\$76.82	\$0.89	1.17	10.97
18	750	\$81.87	\$82.82	\$0.95	1.16	11.04
19	800	\$87.81	\$88.82	\$1.02	1.16	11.10
20	850	\$93.74	\$94.83	\$1.08	1.15	11.16
21	900	\$99.68	\$100.83	\$1.14	1.15	11.20
22	950	\$105.62	\$106.83	\$1.21	1.14	11.24
23	1,000	\$111.56	\$112.83	\$1.27	1.14	11.28
24	1,100	\$123.43	\$124.83	\$1.40	1.13	11.35
25	1,200	\$135.31	\$136.83	\$1.53	1.13	11.40
26	1,300	\$147.18	\$148.83	\$1.65	1.12	11.45
27	1,400	\$159.06	\$160.84	\$1.78	1.12	11.49
28	1,500	\$170.93	\$172.84	\$1.91	1.12	11.52
29	2,000	\$230.31	\$232.85	\$2.54	1.10	11.64
30	2,750	\$319.37	\$322.86	\$3.50	1.09	11.74
31	4,000	\$467.80	\$472.89	\$5.08	1.09	11.82

Michigan Public Service Commission
The Detroit Edison Company
Residential Farm Service Provision - D1a
Without Water Heating
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
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Witness: E. L. Falletich

Present Rates:

Power Supply Charges:

Energy Charge 0.05118

Power Supply Surcharges: 0.009674

Distribution Charges:

Service Charge: \$3.72

Energy Charge 0.04102

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

Energy Charge 0.05858

Power Supply Surcharges: 0.002274

Distribution Charges:

Service Charge: \$3.72

Energy Charge 0.04097

Delivery Surcharges: 0.008155

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$14.59	\$14.72	\$0.13	0.88	14.72
2	120	\$16.76	\$16.92	\$0.15	0.92	14.10
3	140	\$18.94	\$19.12	\$0.18	0.95	13.66
4	160	\$21.11	\$21.32	\$0.20	0.97	13.32
5	180	\$23.29	\$23.52	\$0.23	0.99	13.06
6	200	\$25.46	\$25.72	\$0.26	1.01	12.86
7	240	\$29.81	\$30.11	\$0.31	1.03	12.55
8	280	\$34.16	\$34.51	\$0.36	1.05	12.33
9	300	\$36.33	\$36.71	\$0.38	1.06	12.24
10	350	\$41.76	\$42.21	\$0.45	1.07	12.06
11	400	\$47.20	\$47.71	\$0.51	1.08	11.93
12	450	\$52.63	\$53.21	\$0.58	1.09	11.82
13	500	\$58.07	\$58.71	\$0.64	1.10	11.74
14	550	\$63.50	\$64.21	\$0.70	1.11	11.67
15	600	\$68.94	\$69.71	\$0.77	1.11	11.62
16	650	\$74.37	\$75.21	\$0.83	1.12	11.57
17	700	\$79.81	\$80.71	\$0.90	1.12	11.53
18	750	\$85.24	\$86.20	\$0.96	1.13	11.49
19	800	\$90.68	\$91.70	\$1.02	1.13	11.46
20	850	\$96.11	\$97.20	\$1.09	1.13	11.44
21	900	\$101.55	\$102.70	\$1.15	1.13	11.41
22	950	\$106.98	\$108.20	\$1.22	1.14	11.39
23	1,000	\$112.42	\$113.70	\$1.28	1.14	11.37
24	1,100	\$123.29	\$124.70	\$1.41	1.14	11.34
25	1,200	\$134.16	\$135.69	\$1.54	1.14	11.31
26	1,300	\$145.03	\$146.69	\$1.66	1.15	11.28
27	1,400	\$155.90	\$157.69	\$1.79	1.15	11.26
28	1,500	\$166.77	\$168.69	\$1.92	1.15	11.25
29	2,000	\$221.12	\$223.68	\$2.56	1.16	11.18
30	3,000	\$329.82	\$333.66	\$3.84	1.16	11.12
31	4,000	\$438.51	\$443.63	\$5.12	1.17	11.09

Michigan Public Service Commission
The Detroit Edison Company
Interruptible Space-Conditioning Service Rate - D1.1 Residential
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
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Witness: E. L. Falletich

June thru October

Present Rates:

Power Supply Charges:
Energy Charge 0.03800

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$1.95

Distribution Energy 0.03722

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
Energy Charge 0.04540

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$1.95

Distribution Energy 0.03717

Delivery Surcharges: 0.008171

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$11.12	\$11.25	\$0.13	1.17	11.25
2	120	\$12.96	\$13.11	\$0.16	1.20	10.93
3	140	\$14.79	\$14.97	\$0.18	1.23	10.69
4	160	\$16.62	\$16.83	\$0.21	1.25	10.52
5	180	\$18.46	\$18.69	\$0.23	1.27	10.38
6	200	\$20.29	\$20.55	\$0.26	1.28	10.28
7	240	\$23.96	\$24.27	\$0.31	1.30	10.11
8	280	\$27.63	\$27.99	\$0.36	1.32	10.00
9	300	\$29.46	\$29.85	\$0.39	1.32	9.95
10	350	\$34.05	\$34.51	\$0.45	1.33	9.86
11	400	\$38.64	\$39.16	\$0.52	1.34	9.79
12	450	\$43.22	\$43.81	\$0.58	1.35	9.73
13	500	\$47.81	\$48.46	\$0.65	1.36	9.69
14	550	\$52.39	\$53.11	\$0.71	1.36	9.66
15	600	\$56.98	\$57.76	\$0.78	1.37	9.63
16	650	\$61.57	\$62.41	\$0.84	1.37	9.60
17	700	\$66.15	\$67.06	\$0.91	1.37	9.58
18	750	\$70.74	\$71.71	\$0.97	1.38	9.56
19	800	\$75.32	\$76.36	\$1.04	1.38	9.55
20	850	\$79.91	\$81.01	\$1.10	1.38	9.53
21	900	\$84.49	\$85.66	\$1.17	1.38	9.52
22	950	\$89.08	\$90.31	\$1.23	1.38	9.51
23	1,000	\$93.67	\$94.97	\$1.30	1.39	9.50
24	1,100	\$102.84	\$104.27	\$1.43	1.39	9.48
25	1,200	\$112.01	\$113.57	\$1.56	1.39	9.46
26	1,300	\$121.18	\$122.87	\$1.69	1.39	9.45
27	1,400	\$130.35	\$132.17	\$1.82	1.39	9.44
28	1,500	\$139.52	\$141.47	\$1.95	1.40	9.43
29	2,000	\$185.38	\$187.98	\$2.60	1.40	9.40
30	3,000	\$277.10	\$281.00	\$3.90	1.41	9.37
31	4,000	\$368.82	\$374.01	\$5.19	1.41	9.35

Michigan Public Service Commission
The Detroit Edison Company
Interruptible Space-Conditioning Service Rate - D1.1 Residential
Comparison of Present and Proposed Monthly Bills

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Witness: E. L. Falletich

November thru May

Present Rates:

Power Supply Charges:
Energy Charge 0.02000

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$0.00

Distribution Energy 0.03722

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
Energy Charge 0.02740

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$0.00

Distribution Energy 0.03717

Delivery Surcharges: 0.00817

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$7.37	\$7.50	\$0.13	1.76	7.50
2	120	\$8.85	\$9.00	\$0.16	1.76	7.50
3	140	\$10.32	\$10.50	\$0.18	1.76	7.50
4	160	\$11.79	\$12.00	\$0.21	1.76	7.50
5	180	\$13.27	\$13.50	\$0.23	1.76	7.50
6	200	\$14.74	\$15.00	\$0.26	1.76	7.50
7	240	\$17.69	\$18.00	\$0.31	1.76	7.50
8	280	\$20.64	\$21.00	\$0.36	1.76	7.50
9	300	\$22.11	\$22.50	\$0.39	1.76	7.50
10	350	\$25.80	\$26.26	\$0.45	1.76	7.50
11	400	\$29.49	\$30.01	\$0.52	1.76	7.50
12	450	\$33.17	\$33.76	\$0.58	1.76	7.50
13	500	\$36.86	\$37.51	\$0.65	1.76	7.50
14	550	\$40.54	\$41.26	\$0.71	1.76	7.50
15	600	\$44.23	\$45.01	\$0.78	1.76	7.50
16	650	\$47.92	\$48.76	\$0.84	1.76	7.50
17	700	\$51.60	\$52.51	\$0.91	1.76	7.50
18	750	\$55.29	\$56.26	\$0.97	1.76	7.50
19	800	\$58.97	\$60.01	\$1.04	1.76	7.50
20	850	\$62.66	\$63.76	\$1.10	1.76	7.50
21	900	\$66.34	\$67.51	\$1.17	1.76	7.50
22	950	\$70.03	\$71.26	\$1.23	1.76	7.50
23	1000	\$73.72	\$75.02	\$1.30	1.76	7.50
24	1100	\$81.09	\$82.52	\$1.43	1.76	7.50
25	1200	\$88.46	\$90.02	\$1.56	1.76	7.50
26	1300	\$95.83	\$97.52	\$1.69	1.76	7.50
27	1400	\$103.20	\$105.02	\$1.82	1.76	7.50
28	1500	\$110.57	\$112.52	\$1.95	1.76	7.50
29	2000	\$147.43	\$150.03	\$2.60	1.76	7.50
30	3000	\$221.15	\$225.05	\$3.90	1.76	7.50
31	4000	\$294.87	\$300.06	\$5.19	1.76	7.50

Michigan Public Service Commission
The Detroit Edison Company
Residential Time Of Day Service Rate - D1.2
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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June thru October

Present Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.08750
Off-Peak Energy Rate: 0.02100

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$19.00
Distribution Energy: 0.04359

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.09490
Off-Peak Energy Rate: 0.02725

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$19.00
Distribution Energy: 0.04354

Delivery Surcharges: 0.008315

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(F) Proposed Unit Cost
1	100	20%	\$28.44	\$28.49	\$0.05	0.18	28.49
2	100	25%	\$28.77	\$28.83	\$0.06	0.20	28.83
3	100	30%	\$29.10	\$29.17	\$0.06	0.22	29.17
4							
5	200	20%	\$37.88	\$37.98	\$0.10	0.27	18.99
6	200	25%	\$38.54	\$38.66	\$0.12	0.30	19.33
7	200	30%	\$39.21	\$39.33	\$0.13	0.32	19.67
8							
9	300	20%	\$47.32	\$47.47	\$0.16	0.33	15.82
10	300	25%	\$48.31	\$48.49	\$0.17	0.36	16.16
11	300	30%	\$49.31	\$49.50	\$0.19	0.39	16.50
12							
13	400	20%	\$56.76	\$56.96	\$0.21	0.37	14.24
14	400	25%	\$58.09	\$58.32	\$0.23	0.40	14.58
15	400	30%	\$59.42	\$59.67	\$0.25	0.43	14.92
16							
17	500	20%	\$66.20	\$66.45	\$0.26	0.39	13.29
18	500	25%	\$67.86	\$68.15	\$0.29	0.42	13.63
19	500	30%	\$69.52	\$69.84	\$0.32	0.46	13.97
20							
21	600	20%	\$75.63	\$75.95	\$0.31	0.41	12.66
22	600	25%	\$77.63	\$77.97	\$0.35	0.45	13.00
23	600	30%	\$79.62	\$80.00	\$0.38	0.48	13.33
24							
25	700	20%	\$85.07	\$85.44	\$0.36	0.43	12.21
26	700	25%	\$87.40	\$87.80	\$0.40	0.46	12.54
27	700	30%	\$89.73	\$90.17	\$0.44	0.49	12.88
28							
29	800	20%	\$94.51	\$94.93	\$0.41	0.44	11.87
30	800	25%	\$97.17	\$97.63	\$0.46	0.47	12.20
31	800	30%	\$99.83	\$100.34	\$0.51	0.51	12.54
32							
33	1000	20%	\$113.39	\$113.91	\$0.52	0.46	11.39
34	1000	25%	\$116.72	\$117.29	\$0.58	0.49	11.73
35	1000	30%	\$120.04	\$120.67	\$0.63	0.53	12.07

Michigan Public Service Commission
The Detroit Edison Company
Residential Time Of Day Service Rate - D1.2
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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June thru October

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(F) Proposed Unit Cost
36	1100	20%	\$122.83	\$123.40	\$0.57	0.46	11.22
37	1100	25%	\$126.49	\$127.12	\$0.63	0.50	11.56
38	1100	30%	\$130.14	\$130.84	\$0.70	0.54	11.89
39							
40	1200	20%	\$132.27	\$132.89	\$0.62	0.47	11.07
41	1200	25%	\$136.26	\$136.95	\$0.69	0.51	11.41
42	1200	30%	\$140.25	\$141.01	\$0.76	0.54	11.75
43							
44	1300	20%	\$141.71	\$142.38	\$0.67	0.48	10.95
45	1300	25%	\$146.03	\$146.78	\$0.75	0.51	11.29
46	1300	30%	\$150.35	\$151.18	\$0.82	0.55	11.63
47							
48	1400	20%	\$151.15	\$151.87	\$0.73	0.48	10.85
49	1400	25%	\$155.80	\$156.61	\$0.81	0.52	11.19
50	1400	30%	\$160.46	\$161.34	\$0.89	0.55	11.52
51							
52	1500	20%	\$160.59	\$161.36	\$0.78	0.48	10.76
53	1500	25%	\$165.57	\$166.44	\$0.86	0.52	11.10
54	1500	30%	\$170.56	\$171.51	\$0.95	0.56	11.43
55							
56	2000	20%	\$207.78	\$208.82	\$1.04	0.50	10.44
57	2000	25%	\$214.43	\$215.58	\$1.15	0.54	10.78
58	2000	30%	\$221.08	\$222.35	\$1.27	0.57	11.12
59							
60	3000	20%	\$302.17	\$303.73	\$1.55	0.51	10.12
61	3000	25%	\$312.15	\$313.87	\$1.73	0.55	10.46
62	3000	30%	\$322.12	\$324.02	\$1.90	0.59	10.80
63							
64	4000	20%	\$396.56	\$398.63	\$2.07	0.52	9.97
65	4000	25%	\$409.86	\$412.16	\$2.30	0.56	10.30
66	4000	30%	\$423.16	\$425.69	\$2.53	0.60	10.64

Michigan Public Service Commission
The Detroit Edison Company
Residential Time Of Day Service Rate - D1.2
Without Water Heating
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

November thru May

Present Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.07000
Off-Peak Energy Rate: 0.02025

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$19.00

Distribution Energy 0.04359

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.07740
Off-Peak Energy Rate: 0.02765

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$19.00

Distribution Energy 0.04354

Delivery Surcharges: 0.008315

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(F) Proposed Unit Cost
1	100	20%	\$28.03	\$28.17	\$0.14	0.51	28.17
2	100	25%	\$28.28	\$28.42	\$0.14	0.51	28.42
3	100	30%	\$28.53	\$28.67	\$0.14	0.50	28.67
4							
5	200	20%	\$37.06	\$37.35	\$0.29	0.78	18.67
6	200	25%	\$37.56	\$37.84	\$0.29	0.77	18.92
7	200	30%	\$38.05	\$38.34	\$0.29	0.76	19.17
8							
9	300	20%	\$46.09	\$46.52	\$0.43	0.94	15.51
10	300	25%	\$46.83	\$47.26	\$0.43	0.92	15.75
11	300	30%	\$47.58	\$48.01	\$0.43	0.91	16.00
12							
13	400	20%	\$55.12	\$55.69	\$0.58	1.04	13.92
14	400	25%	\$56.11	\$56.69	\$0.58	1.03	14.17
15	400	30%	\$57.11	\$57.68	\$0.58	1.01	14.42
16							
17	500	20%	\$64.15	\$64.86	\$0.72	1.12	12.97
18	500	25%	\$65.39	\$66.11	\$0.72	1.10	13.22
19	500	30%	\$66.63	\$67.35	\$0.72	1.08	13.47
20							
21	600	20%	\$73.17	\$74.04	\$0.86	1.18	12.34
22	600	25%	\$74.67	\$75.53	\$0.86	1.16	12.59
23	600	30%	\$76.16	\$77.02	\$0.86	1.13	12.84
24							
25	700	20%	\$82.20	\$83.21	\$1.01	1.22	11.89
26	700	25%	\$83.94	\$84.95	\$1.01	1.20	12.14
27	700	30%	\$85.69	\$86.69	\$1.01	1.18	12.38
28							
29	800	20%	\$91.23	\$92.38	\$1.15	1.26	11.55
30	800	25%	\$93.22	\$94.37	\$1.15	1.23	11.80
31	800	30%	\$95.21	\$96.36	\$1.15	1.21	12.05
32							
33	1000	20%	\$109.29	\$110.73	\$1.44	1.32	11.07
34	1000	25%	\$111.78	\$113.22	\$1.44	1.29	11.32
35	1000	30%	\$114.27	\$115.70	\$1.44	1.26	11.57

Michigan Public Service Commission
The Detroit Edison Company
Residential Time Of Day Service Rate - D1.2
Without Water Heating
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
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November thru May

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(F) Proposed Unit Cost
36	1,100	20%	\$118.32	\$119.90	\$1.58	1.34	10.90
37	1,100	25%	\$121.06	\$122.64	\$1.58	1.31	11.15
38	1,100	30%	\$123.79	\$125.37	\$1.58	1.28	11.40
39							
40	1,200	20%	\$127.35	\$129.07	\$1.73	1.36	10.76
41	1,200	25%	\$130.33	\$132.06	\$1.73	1.32	11.00
42	1,200	30%	\$133.32	\$135.04	\$1.73	1.29	11.25
43							
44	1,300	20%	\$136.38	\$138.25	\$1.87	1.37	10.63
45	1,300	25%	\$139.61	\$141.48	\$1.87	1.34	10.88
46	1,300	30%	\$142.84	\$144.71	\$1.87	1.31	11.13
47							
48	1,400	20%	\$145.41	\$147.42	\$2.01	1.38	10.53
49	1,400	25%	\$148.89	\$150.90	\$2.01	1.35	10.78
50	1,400	30%	\$152.37	\$154.39	\$2.01	1.32	11.03
51							
52	1,500	20%	\$154.44	\$156.59	\$2.16	1.40	10.44
53	1,500	25%	\$158.17	\$160.32	\$2.16	1.36	10.69
54	1,500	30%	\$161.90	\$164.06	\$2.16	1.33	10.94
55							
56	2,000	20%	\$199.58	\$202.46	\$2.88	1.44	10.12
57	2,000	25%	\$204.56	\$207.43	\$2.88	1.41	10.37
58	2,000	30%	\$209.53	\$212.41	\$2.88	1.37	10.62
59							
60	3,000	20%	\$289.87	\$294.19	\$4.31	1.49	9.81
61	3,000	25%	\$297.33	\$301.65	\$4.31	1.45	10.05
62	3,000	30%	\$304.80	\$309.11	\$4.31	1.42	10.30
63							
64	4,000	20%	\$380.16	\$385.91	\$5.75	1.51	9.65
65	4,000	25%	\$390.11	\$395.86	\$5.75	1.47	9.90
66	4,000	30%	\$400.06	\$405.81	\$5.75	1.44	10.15

Michigan Public Service Commission
The Detroit Edison Company
Senior Citizen Residential Service Rate - D1.3
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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Witness: E. L. Falletich

Present Rates:

Power Supply Charges:

First Block: 0.03131
 Second Block: 0.09883

Power Supply Surcharges: 0.009674

Distribution Charge: 0.02706

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

First Block: 0.03872
 Second Block: 0.10626

Power Supply Surcharges: 0.002274

Distribution Charge: 0.02701

Delivery Surcharges: 0.007745

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$7.49	\$7.57	\$0.09	1.18	7.57
2	120	\$8.98	\$9.09	\$0.11	1.18	7.57
3	140	\$10.48	\$10.60	\$0.12	1.18	7.57
4	160	\$11.98	\$12.12	\$0.14	1.18	7.57
5	180	\$13.48	\$13.63	\$0.16	1.18	7.57
6	200	\$14.97	\$15.15	\$0.18	1.18	7.57
7	240	\$17.97	\$18.18	\$0.21	1.18	7.57
8	280	\$20.96	\$21.21	\$0.25	1.18	7.57
9	300	\$22.46	\$22.72	\$0.27	1.18	7.57
10	350	\$29.58	\$29.89	\$0.31	1.05	8.54
11	400	\$36.70	\$37.05	\$0.36	0.97	9.26
12	450	\$43.82	\$44.22	\$0.40	0.92	9.83
13	500	\$50.94	\$51.38	\$0.45	0.88	10.28
14	550	\$58.05	\$58.55	\$0.49	0.85	10.64
15	600	\$65.17	\$65.71	\$0.54	0.83	10.95
16	650	\$72.29	\$72.88	\$0.58	0.81	11.21
17	700	\$79.41	\$80.04	\$0.63	0.79	11.43
18	750	\$86.53	\$87.20	\$0.67	0.78	11.63
19	800	\$93.65	\$94.37	\$0.72	0.77	11.80
20	850	\$100.77	\$101.53	\$0.76	0.76	11.95
21	900	\$107.89	\$108.70	\$0.81	0.75	12.08
22	950	\$115.01	\$115.86	\$0.85	0.74	12.20
23	1,000	\$122.13	\$123.03	\$0.90	0.74	12.30

Michigan Public Service Commission
The Detroit Edison Company
Optional Residential Service Rate - D1.4
Without Water Heating
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
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Witness: E. L. Falletich

Present Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.05428
Off-Peak Energy Rate: 0.02236

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$6.51

Distribution Energy 0.04008

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.06166
Off-Peak Energy Rate: 0.02977

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$6.51

Distribution Energy 0.04003

Delivery Surcharges: 0.008190

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(F) Proposed Unit Cost
1	100	20%	\$15.04	\$15.17	\$0.13	0.88	15.17
2	100	25%	\$15.20	\$15.33	\$0.13	0.87	15.33
3	100	30%	\$15.36	\$15.49	\$0.13	0.86	15.49
4							
5	200	20%	\$23.57	\$23.84	\$0.26	1.12	11.92
6	200	25%	\$23.89	\$24.16	\$0.26	1.10	12.08
7	200	30%	\$24.21	\$24.48	\$0.26	1.09	12.24
8							
9	300	20%	\$32.11	\$32.50	\$0.40	1.23	10.83
10	300	25%	\$32.59	\$32.98	\$0.40	1.21	10.99
11	300	30%	\$33.06	\$33.46	\$0.40	1.20	11.15
12							
13	400	20%	\$40.64	\$41.17	\$0.53	1.30	10.29
14	400	25%	\$41.28	\$41.80	\$0.53	1.28	10.45
15	400	30%	\$41.92	\$42.44	\$0.53	1.26	10.61
16							
17	500	20%	\$49.17	\$49.83	\$0.66	1.34	9.97
18	500	25%	\$49.97	\$50.63	\$0.66	1.32	10.13
19	500	30%	\$50.77	\$51.43	\$0.66	1.30	10.29
20							
21	600	20%	\$57.70	\$58.50	\$0.79	1.37	9.75
22	600	25%	\$58.66	\$59.45	\$0.79	1.35	9.91
23	600	30%	\$59.62	\$60.41	\$0.79	1.33	10.07
24							
25	700	20%	\$66.23	\$67.16	\$0.92	1.40	9.59
26	700	25%	\$67.35	\$68.28	\$0.92	1.37	9.75
27	700	30%	\$68.47	\$69.39	\$0.92	1.35	9.91
28							
29	800	20%	\$74.77	\$75.82	\$1.06	1.41	9.48
30	800	25%	\$76.04	\$77.10	\$1.06	1.39	9.64
31	800	30%	\$77.32	\$78.37	\$1.05	1.36	9.80
32							
33	1000	20%	\$91.83	\$93.15	\$1.32	1.44	9.32
34	1000	25%	\$93.43	\$94.75	\$1.32	1.41	9.47
35	1000	30%	\$95.02	\$96.34	\$1.32	1.39	9.63

Michigan Public Service Commission
The Detroit Edison Company
Optional Residential Service Rate - D1.4
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(F) Proposed Unit Cost
36	1,100	20%	\$100.36	\$101.82	\$1.45	1.45	9.26
37	1,100	25%	\$102.12	\$103.57	\$1.45	1.42	9.42
38	1,100	30%	\$103.87	\$105.32	\$1.45	1.40	9.57
39							
40	1,200	20%	\$108.90	\$110.48	\$1.58	1.46	9.21
41	1,200	25%	\$110.81	\$112.39	\$1.58	1.43	9.37
42	1,200	30%	\$112.73	\$114.31	\$1.58	1.40	9.53
43							
44	1,300	20%	\$117.43	\$119.14	\$1.72	1.46	9.16
45	1,300	25%	\$119.50	\$121.22	\$1.72	1.44	9.32
46	1,300	30%	\$121.58	\$123.29	\$1.71	1.41	9.48
47							
48	1,400	20%	\$125.96	\$127.81	\$1.85	1.47	9.13
49	1,400	25%	\$128.19	\$130.04	\$1.85	1.44	9.29
50	1,400	30%	\$130.43	\$132.27	\$1.84	1.41	9.45
51							
52	1,500	20%	\$134.49	\$136.47	\$1.98	1.47	9.10
53	1,500	25%	\$136.89	\$138.86	\$1.98	1.45	9.26
54	1,500	30%	\$139.28	\$141.26	\$1.98	1.42	9.42
55							
56	2,000	20%	\$177.15	\$179.79	\$2.64	1.49	8.99
57	2,000	25%	\$180.34	\$182.98	\$2.64	1.46	9.15
58	2,000	30%	\$183.54	\$186.17	\$2.64	1.44	9.31
59							
60	3,000	20%	\$262.47	\$266.44	\$3.96	1.51	8.88
61	3,000	25%	\$267.26	\$271.22	\$3.96	1.48	9.04
62	3,000	30%	\$272.05	\$276.00	\$3.95	1.45	9.20
63							
64	4,000	20%	\$347.79	\$353.08	\$5.28	1.52	8.83
65	4,000	25%	\$354.18	\$359.46	\$5.28	1.49	8.99
66	4,000	30%	\$360.56	\$365.83	\$5.27	1.46	9.15

Michigan Public Service Commission
The Detroit Edison Company
Residential Supplemental Space Heating Service Rate - D1.5
Comparison of Present and Proposed Monthly Bills

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Schedule: E5
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<u>Present Rates:</u>		<u>Proposed Rates:</u>	
Power Supply Charges:		Power Supply Charges:	
Energy Charge	0.02860	Energy Charge	0.03644
Power Supply Surcharges:	0.009674	Power Supply Surcharges:	0.002274
Distribution Charges:		Distribution Charges:	
Service Charge:	\$1.95	Service Charge:	\$1.95
Distribution Energy	0.03922	Distribution Energy	0.03917
Delivery Surcharges:	0.006824	Delivery Surcharges:	0.008218

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$10.38	\$10.56	\$0.18	1.72	10.56
2	120	\$12.07	\$12.28	\$0.21	1.78	10.24
3	140	\$13.75	\$14.00	\$0.25	1.82	10.00
4	160	\$15.44	\$15.73	\$0.29	1.85	9.83
5	180	\$17.13	\$17.45	\$0.32	1.88	9.69
6	200	\$18.81	\$19.17	\$0.36	1.90	9.59
7	240	\$22.19	\$22.61	\$0.43	1.94	9.42
8	280	\$25.56	\$26.06	\$0.50	1.96	9.31
9	300	\$27.24	\$27.78	\$0.54	1.97	9.26
10	350	\$31.46	\$32.09	\$0.63	1.99	9.17
11	400	\$35.68	\$36.39	\$0.72	2.01	9.10
12	450	\$39.89	\$40.70	\$0.80	2.02	9.04
13	500	\$44.11	\$45.00	\$0.89	2.03	9.00
14	550	\$48.32	\$49.31	\$0.98	2.04	8.96
15	600	\$52.54	\$53.61	\$1.07	2.04	8.94
16	650	\$56.75	\$57.92	\$1.16	2.05	8.91
17	700	\$60.97	\$62.22	\$1.25	2.05	8.89
18	750	\$65.19	\$66.53	\$1.34	2.06	8.87
19	800	\$69.40	\$70.83	\$1.43	2.06	8.85
20	850	\$73.62	\$75.14	\$1.52	2.07	8.84
21	900	\$77.83	\$79.44	\$1.61	2.07	8.83
22	950	\$82.05	\$83.75	\$1.70	2.07	8.82
23	1,000	\$86.26	\$88.05	\$1.79	2.07	8.81
24	1,100	\$94.70	\$96.66	\$1.97	2.08	8.79
25	1,200	\$103.13	\$105.27	\$2.15	2.08	8.77
26	1,300	\$111.56	\$113.88	\$2.33	2.08	8.76
27	1,400	\$119.99	\$122.49	\$2.50	2.09	8.75
28	1,500	\$128.42	\$131.10	\$2.68	2.09	8.74
29	2,000	\$170.58	\$174.15	\$3.58	2.10	8.71
30	3,000	\$254.89	\$260.26	\$5.37	2.11	8.68
31	4,000	\$339.20	\$346.36	\$7.15	2.11	8.66

Michigan Public Service Commission
The Detroit Edison Company
Space Conditioning Time of Day Rate - D1.7 Residential
Comparison of Present and Proposed Monthly Bills

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Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

June thru September

Present Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.07225
Off-Peak Energy Rate: 0.02000

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$2.01
Distribution Energy: 0.01728

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.07943
Off-Peak Energy Rate: 0.02740

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$2.01
Distribution Energy: 0.01723

Delivery Surcharges: 0.007531

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	100	20%	\$8.43	\$8.49	\$0.06	0.72	8.49
2	100	25%	\$8.69	\$8.75	\$0.06	0.69	8.75
3	100	30%	\$8.96	\$9.01	\$0.06	0.66	9.01
4							
5	200	20%	\$14.86	\$14.98	\$0.12	0.82	7.49
6	200	25%	\$15.38	\$15.50	\$0.12	0.78	7.75
7	200	30%	\$15.90	\$16.02	\$0.12	0.74	8.01
8							
9	300	20%	\$21.28	\$21.46	\$0.18	0.86	7.15
10	300	25%	\$22.06	\$22.24	\$0.18	0.82	7.41
11	300	30%	\$22.85	\$23.02	\$0.18	0.77	7.67
12							
13	400	20%	\$27.70	\$27.95	\$0.24	0.88	6.99
14	400	25%	\$28.75	\$28.99	\$0.24	0.84	7.25
15	400	30%	\$29.79	\$30.03	\$0.24	0.79	7.51
16							
17	500	20%	\$34.12	\$34.43	\$0.31	0.90	6.89
18	500	25%	\$35.43	\$35.73	\$0.30	0.85	7.15
19	500	30%	\$36.74	\$37.03	\$0.29	0.80	7.41
20							
21	600	20%	\$40.55	\$40.91	\$0.37	0.90	6.82
22	600	25%	\$42.12	\$42.48	\$0.36	0.86	7.08
23	600	30%	\$43.68	\$44.04	\$0.35	0.81	7.34
24							
25	700	20%	\$46.97	\$47.40	\$0.43	0.91	6.77
26	700	25%	\$48.80	\$49.22	\$0.42	0.86	7.03
27	700	30%	\$50.63	\$51.04	\$0.41	0.81	7.29
28							
29	800	20%	\$53.39	\$53.88	\$0.49	0.92	6.74
30	800	25%	\$55.48	\$55.96	\$0.48	0.87	7.00
31	800	30%	\$57.57	\$58.04	\$0.47	0.82	7.26
32							
33	1000	20%	\$66.24	\$66.85	\$0.61	0.92	6.69
34	1000	25%	\$68.85	\$69.45	\$0.60	0.87	6.95
35	1000	30%	\$71.46	\$72.05	\$0.59	0.82	7.21

Michigan Public Service Commission
The Detroit Edison Company
Space Conditioning Time of Day Rate - D1.7 Residential
Comparison of Present and Proposed Monthly Bills

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June thru September

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
36	1100	20%	\$72.66	\$73.33	\$0.67	0.93	6.67
37	1100	25%	\$75.54	\$76.20	\$0.66	0.87	6.93
38	1100	30%	\$78.41	\$79.06	\$0.65	0.83	7.19
39							
40	1200	20%	\$79.09	\$79.82	\$0.73	0.93	6.65
41	1200	25%	\$82.22	\$82.94	\$0.72	0.88	6.91
42	1200	30%	\$85.36	\$86.06	\$0.71	0.83	7.17
43							
44	1300	20%	\$85.51	\$86.30	\$0.79	0.93	6.64
45	1300	25%	\$88.90	\$89.68	\$0.78	0.88	6.90
46	1300	30%	\$92.30	\$93.07	\$0.77	0.83	7.16
47							
48	1400	20%	\$91.93	\$92.79	\$0.86	0.93	6.63
49	1400	25%	\$95.59	\$96.43	\$0.84	0.88	6.89
50	1400	30%	\$99.25	\$100.07	\$0.82	0.83	7.15
51							
52	1500	20%	\$98.35	\$99.27	\$0.92	0.93	6.62
53	1500	25%	\$102.27	\$103.17	\$0.90	0.88	6.88
54	1500	30%	\$106.19	\$107.08	\$0.88	0.83	7.14
55							
56	2000	20%	\$130.47	\$131.69	\$1.22	0.94	6.58
57	2000	25%	\$135.69	\$136.89	\$1.20	0.88	6.84
58	2000	30%	\$140.92	\$142.10	\$1.18	0.84	7.10
59							
60	3000	20%	\$194.70	\$196.53	\$1.83	0.94	6.55
61	3000	25%	\$202.54	\$204.34	\$1.80	0.89	6.81
62	3000	30%	\$210.37	\$212.14	\$1.77	0.84	7.07
63							
64	4000	20%	\$258.93	\$261.37	\$2.44	0.94	6.53
65	4000	25%	\$269.38	\$271.78	\$2.40	0.89	6.79
66	4000	30%	\$279.83	\$282.18	\$2.36	0.84	7.05

Michigan Public Service Commission
The Detroit Edison Company
Space Conditioning Time of Day Rate - D1.7 Residential
Comparison of Present and Proposed Monthly Bills

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October thru May

Present Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.02000
Off-Peak Energy Rate: 0.02000

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge: \$2.01
Distribution Energy: 0.01728

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
On-Peak Energy Rate: 0.02740
Off-Peak Energy Rate: 0.02740

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge: \$2.01
Distribution Energy: 0.01723

Delivery Surcharges: 0.007531

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	100	20%	\$7.39	\$7.45	\$0.07	0.89	7.45
2	100	25%	\$7.39	\$7.45	\$0.07	0.89	7.45
3	100	30%	\$7.39	\$7.45	\$0.07	0.89	7.45
4							
5	200	20%	\$12.77	\$12.90	\$0.13	1.03	6.45
6	200	25%	\$12.77	\$12.90	\$0.13	1.03	6.45
7	200	30%	\$12.77	\$12.90	\$0.13	1.03	6.45
8							
9	300	20%	\$18.14	\$18.34	\$0.20	1.08	6.11
10	300	25%	\$18.14	\$18.34	\$0.20	1.08	6.11
11	300	30%	\$18.14	\$18.34	\$0.20	1.08	6.11
12							
13	400	20%	\$23.52	\$23.78	\$0.26	1.11	5.95
14	400	25%	\$23.52	\$23.78	\$0.26	1.11	5.95
15	400	30%	\$23.52	\$23.78	\$0.26	1.11	5.95
16							
17	500	20%	\$28.90	\$29.23	\$0.33	1.13	5.85
18	500	25%	\$28.90	\$29.23	\$0.33	1.13	5.85
19	500	30%	\$28.90	\$29.23	\$0.33	1.13	5.85
20							
21	600	20%	\$34.28	\$34.67	\$0.39	1.15	5.78
22	600	25%	\$34.28	\$34.67	\$0.39	1.15	5.78
23	600	30%	\$34.28	\$34.67	\$0.39	1.15	5.78
24							
25	700	20%	\$39.66	\$40.11	\$0.46	1.16	5.73
26	700	25%	\$39.66	\$40.11	\$0.46	1.16	5.73
27	700	30%	\$39.66	\$40.11	\$0.46	1.16	5.73
28							
29	800	20%	\$45.03	\$45.56	\$0.52	1.16	5.69
30	800	25%	\$45.03	\$45.56	\$0.52	1.16	5.69
31	800	30%	\$45.03	\$45.56	\$0.52	1.16	5.69
32							
33	1000	20%	\$55.79	\$56.44	\$0.66	1.17	5.64
34	1000	25%	\$55.79	\$56.44	\$0.66	1.17	5.64
35	1000	30%	\$55.79	\$56.44	\$0.66	1.17	5.64

Michigan Public Service Commission
The Detroit Edison Company
Space Conditioning Time of Day Rate - D1.7 Residential
Comparison of Present and Proposed Monthly Bills

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October thru May

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
36	1,100	20%	\$61.17	\$61.89	\$0.72	1.18	5.63
37	1,100	25%	\$61.17	\$61.89	\$0.72	1.18	5.63
38	1,100	30%	\$61.17	\$61.89	\$0.72	1.18	5.63
39							
40	1,200	20%	\$66.55	\$67.33	\$0.79	1.18	5.61
41	1,200	25%	\$66.55	\$67.33	\$0.79	1.18	5.61
42	1,200	30%	\$66.55	\$67.33	\$0.79	1.18	5.61
43							
44	1,300	20%	\$71.92	\$72.77	\$0.85	1.18	5.60
45	1,300	25%	\$71.92	\$72.77	\$0.85	1.18	5.60
46	1,300	30%	\$71.92	\$72.77	\$0.85	1.18	5.60
47							
48	1,400	20%	\$77.30	\$78.22	\$0.92	1.19	5.59
49	1,400	25%	\$77.30	\$78.22	\$0.92	1.19	5.59
50	1,400	30%	\$77.30	\$78.22	\$0.92	1.19	5.59
51							
52	1,500	20%	\$82.68	\$83.66	\$0.98	1.19	5.58
53	1,500	25%	\$82.68	\$83.66	\$0.98	1.19	5.58
54	1,500	30%	\$82.68	\$83.66	\$0.98	1.19	5.58
55							
56	2,000	20%	\$109.57	\$110.88	\$1.31	1.20	5.54
57	2,000	25%	\$109.57	\$110.88	\$1.31	1.20	5.54
58	2,000	30%	\$109.57	\$110.88	\$1.31	1.20	5.54
59							
60	3,000	20%	\$163.35	\$165.31	\$1.97	1.20	5.51
61	3,000	25%	\$163.35	\$165.31	\$1.97	1.20	5.51
62	3,000	30%	\$163.35	\$165.31	\$1.97	1.20	5.51
63							
64	4,000	20%	\$217.13	\$219.75	\$2.62	1.21	5.49
65	4,000	25%	\$217.13	\$219.75	\$2.62	1.21	5.49
66	4,000	30%	\$217.13	\$219.75	\$2.62	1.21	5.49

Michigan Public Service Commission
The Detroit Edison Company
Residential Space Heating Rate - D2
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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June thru October

Present Rates:

Power Supply Charges:

Summer Power Supply:

First Block: 0.04531

Second Block: 0.05941

Power Supply Surcharges: 0.009674

Delivery Surcharges: 0.04190

Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

Summer Power Supply:

First Block: 0.05271

Second Block: 0.06681

Power Supply Surcharges: 0.002274

Delivery Surcharges: 0.04185

Surcharges: 0.007981

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$10.37	\$10.48	\$0.11	1.07	10.48
2	120	\$12.44	\$12.58	\$0.13	1.07	10.48
3	160	\$16.59	\$16.77	\$0.18	1.07	10.48
4	180	\$18.67	\$18.87	\$0.20	1.07	10.48
5	200	\$20.74	\$20.96	\$0.22	1.07	10.48
6	240	\$24.89	\$25.16	\$0.27	1.07	10.48
7	280	\$29.04	\$29.35	\$0.31	1.07	10.48
8	300	\$31.11	\$31.44	\$0.33	1.07	10.48
9	350	\$36.30	\$36.69	\$0.39	1.07	10.48
10	400	\$41.48	\$41.93	\$0.44	1.07	10.48
11	450	\$46.67	\$47.17	\$0.50	1.07	10.48
12	500	\$51.85	\$52.41	\$0.55	1.07	10.48
13	550	\$57.60	\$58.21	\$0.61	1.06	10.58
14	600	\$63.49	\$64.16	\$0.66	1.05	10.69
15	650	\$69.38	\$70.10	\$0.72	1.04	10.79
16	700	\$75.27	\$76.05	\$0.77	1.03	10.86
17	750	\$81.17	\$82.00	\$0.83	1.02	10.93
18	800	\$87.06	\$87.94	\$0.89	1.02	10.99
19	850	\$92.95	\$93.89	\$0.94	1.01	11.05
20	900	\$98.84	\$99.83	\$1.00	1.01	11.09
21	950	\$104.73	\$105.78	\$1.05	1.00	11.13
22	1,000	\$110.62	\$111.72	\$1.11	1.00	11.17
23	1,100	\$122.40	\$123.62	\$1.22	0.99	11.24
24	1,200	\$134.18	\$135.51	\$1.33	0.99	11.29
25	1,300	\$145.96	\$147.40	\$1.44	0.99	11.34
26	1,400	\$157.74	\$159.29	\$1.55	0.98	11.38
27	1,500	\$169.52	\$171.18	\$1.66	0.98	11.41
28	2,000	\$228.43	\$230.64	\$2.21	0.97	11.53
29	3,000	\$346.23	\$349.55	\$3.32	0.96	11.65
30	4,000	\$464.04	\$468.47	\$4.43	0.95	11.71

Michigan Public Service Commission
The Detroit Edison Company
Residential Space Heating Rate - D2
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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November thru May

Present Rates:

Power Supply Charges:

Winter Power Supply

First Block: 0.05298

Second Block: 0.03625

Proposed Rates:

Power Supply Charges:

Winter Power Supply

First Block: 0.06039

Second Block: 0.04365

Power Supply Surcharges: 0.009674

Distribution Charge: 0.03399

Delivery Surcharges: 0.006824

Power Supply Surcharges: 0.002274

Distribution Charge: 0.03394

Delivery Surcharges: 0.007981

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$10.35	\$10.46	\$0.11	1.08	10.46
2	120	\$12.42	\$12.55	\$0.13	1.08	10.46
3	160	\$16.55	\$16.73	\$0.18	1.08	10.46
4	180	\$18.62	\$18.83	\$0.20	1.08	10.46
5	200	\$20.69	\$20.92	\$0.22	1.08	10.46
6	240	\$24.83	\$25.10	\$0.27	1.08	10.46
7	280	\$28.97	\$29.28	\$0.31	1.08	10.46
8	300	\$31.04	\$31.38	\$0.34	1.08	10.46
9	350	\$36.21	\$36.60	\$0.39	1.08	10.46
10	400	\$41.39	\$41.83	\$0.45	1.08	10.46
11	450	\$46.56	\$47.06	\$0.50	1.08	10.46
12	500	\$51.73	\$52.29	\$0.56	1.08	10.46
13	550	\$56.91	\$57.52	\$0.61	1.08	10.46
14	600	\$62.08	\$62.75	\$0.67	1.08	10.46
15	650	\$66.42	\$67.14	\$0.73	1.09	10.33
16	700	\$70.75	\$71.54	\$0.78	1.10	10.22
17	750	\$75.09	\$75.93	\$0.84	1.11	10.12
18	800	\$79.43	\$80.32	\$0.89	1.12	10.04
19	850	\$83.77	\$84.71	\$0.95	1.13	9.97
20	900	\$88.10	\$89.10	\$1.00	1.14	9.90
21	950	\$92.44	\$93.50	\$1.06	1.14	9.84
22	1,000	\$96.78	\$97.89	\$1.11	1.15	9.79
23	1,100	\$105.45	\$106.67	\$1.22	1.16	9.70
24	1,200	\$114.12	\$115.46	\$1.33	1.17	9.62
25	1,300	\$122.80	\$124.24	\$1.45	1.18	9.56
26	1,400	\$131.47	\$133.03	\$1.56	1.18	9.50
27	1,500	\$140.15	\$141.81	\$1.67	1.19	9.45
28	2,000	\$183.51	\$185.73	\$2.22	1.21	9.29
29	3,000	\$270.25	\$273.58	\$3.33	1.23	9.12
30	4,000	\$356.99	\$361.42	\$4.43	1.24	9.04

Michigan Public Service Commission
The Detroit Edison Company
Residential Space Heating Farm Service Provision - D2a
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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June thru October

Present Rates:

Power Supply Charges:

All energy 0.05118

Power Supply Surcharges: 0.009674

Distribution Charges:

Service Charge: \$3.72

Distribution Energy 0.04102

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

All energy 0.05858

Power Supply Surcharges: 0.002274

Distribution Charges:

Service Charge: \$3.72

Distribution Energy 0.04094

Delivery Surcharges: 0.007925

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$14.59	\$14.69	\$0.10	0.70	14.69
2	120	\$16.76	\$16.89	\$0.12	0.73	14.07
3	140	\$18.94	\$19.08	\$0.14	0.75	13.63
4	160	\$21.11	\$21.28	\$0.16	0.77	13.30
5	180	\$23.29	\$23.47	\$0.18	0.79	13.04
6	200	\$25.46	\$25.66	\$0.20	0.80	12.83
7	240	\$29.81	\$30.05	\$0.24	0.82	12.52
8	280	\$34.16	\$34.44	\$0.29	0.84	12.30
9	300	\$36.33	\$36.64	\$0.31	0.84	12.21
10	350	\$41.76	\$42.12	\$0.36	0.86	12.03
11	400	\$47.20	\$47.61	\$0.41	0.86	11.90
12	450	\$52.63	\$53.09	\$0.46	0.87	11.80
13	500	\$58.07	\$58.58	\$0.51	0.88	11.72
14	550	\$63.50	\$64.07	\$0.56	0.88	11.65
15	600	\$68.94	\$69.55	\$0.61	0.89	11.59
16	650	\$74.37	\$75.04	\$0.66	0.89	11.54
17	700	\$79.81	\$80.52	\$0.71	0.89	11.50
18	750	\$85.24	\$86.01	\$0.77	0.90	11.47
19	800	\$90.68	\$91.50	\$0.82	0.90	11.44
20	850	\$96.11	\$96.98	\$0.87	0.90	11.41
21	900	\$101.55	\$102.47	\$0.92	0.90	11.39
22	950	\$106.98	\$107.95	\$0.97	0.91	11.36
23	1,000	\$112.42	\$113.44	\$1.02	0.91	11.34
24	1,100	\$123.29	\$124.41	\$1.12	0.91	11.31
25	1,200	\$134.16	\$135.38	\$1.22	0.91	11.28
26	1,300	\$145.03	\$146.35	\$1.33	0.91	11.26
27	1,400	\$155.90	\$157.33	\$1.43	0.92	11.24
28	1,500	\$166.77	\$168.30	\$1.53	0.92	11.22
29	2,000	\$221.12	\$223.16	\$2.04	0.92	11.16
30	3,000	\$329.82	\$332.88	\$3.06	0.93	11.10
31	4,000	\$438.51	\$442.60	\$4.08	0.93	11.06

Michigan Public Service Commission
The Detroit Edison Company
Residential Space Heating Farm Service Provision - D2a
Without Water Heating
Comparison of Present and Proposed Monthly Bills

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November thru May

Present Rates:

Power Supply Charges:

First Block: 0.05118

Second Block: 0.04451

Power Supply Surcharges: 0.009674

Distribution Charges:

Service Charge: \$3.72

Distribution Energy

Farm 0.04102

Winter Space Heating 0.02330

Delivery Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

First Block: 0.05858

Second Block: 0.05195

Power Supply Surcharges: 0.002274

Distribution Charges:

Service Charge: \$3.72

Distribution Energy

Farm 0.04094

Winter Space Heating 0.02325

Delivery Surcharges: 0.007925

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	100	\$14.59	\$14.69	\$0.10	0.70	14.69
2	120	\$16.76	\$16.89	\$0.12	0.73	14.07
3	140	\$18.94	\$19.08	\$0.14	0.75	13.63
4	160	\$21.11	\$21.28	\$0.16	0.77	13.30
5	180	\$23.29	\$23.47	\$0.18	0.79	13.04
6	200	\$25.46	\$25.66	\$0.20	0.80	12.83
7	240	\$29.81	\$30.05	\$0.24	0.82	12.52
8	280	\$34.16	\$34.44	\$0.29	0.84	12.30
9	300	\$36.33	\$36.64	\$0.31	0.84	12.21
10	350	\$41.76	\$42.12	\$0.36	0.86	12.03
11	400	\$47.20	\$47.61	\$0.41	0.86	11.90
12	450	\$52.63	\$53.09	\$0.46	0.87	11.80
13	500	\$58.07	\$58.58	\$0.51	0.88	11.72
14	550	\$63.50	\$64.07	\$0.56	0.88	11.65
15	600	\$68.94	\$69.55	\$0.61	0.89	11.59
16	650	\$73.15	\$73.82	\$0.67	0.91	11.36
17	700	\$77.37	\$78.09	\$0.72	0.93	11.16
18	750	\$81.58	\$82.36	\$0.78	0.95	10.98
19	800	\$85.80	\$86.63	\$0.83	0.97	10.83
20	850	\$90.02	\$90.90	\$0.89	0.98	10.69
21	900	\$94.23	\$95.17	\$0.94	1.00	10.57
22	950	\$98.45	\$99.44	\$1.00	1.01	10.47
23	1,000	\$102.66	\$103.71	\$1.05	1.02	10.37
24	1,100	\$111.09	\$112.25	\$1.16	1.04	10.20
25	1,200	\$119.52	\$120.79	\$1.27	1.06	10.07
26	1,300	\$127.95	\$129.33	\$1.38	1.08	9.95
27	1,400	\$136.38	\$137.87	\$1.49	1.09	9.85
28	1,500	\$144.81	\$146.41	\$1.60	1.10	9.76
29	2,000	\$186.96	\$189.11	\$2.15	1.15	9.46
30	3,000	\$271.27	\$274.51	\$3.24	1.19	9.15
31	4,000	\$355.57	\$359.91	\$4.34	1.22	9.00

Michigan Public Service Commission
The Detroit Edison Company
Water Heating Service Rate - D5 Option I Residential
Comparison of Present and Proposed Monthly Bills

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Present Rates

Power Supply Charges:
Energy Charge 0.02000

Power Supply Surcharges: 0.009674

Distribution Charges:
Service Charge \$1.95

Distribution Energy 0.02756
Delivery Surcharges: 0.006824

Proposed Rates

Power Supply Charges:
Energy Charge 0.02740

Power Supply Surcharges: 0.002274

Distribution Charges:
Service Charge \$1.95

Distribution Energy 0.02751
Delivery Surcharges: 0.007892

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	100	\$8.36	\$8.46	\$0.10	1.21	8.46
2	200	\$14.76	\$14.97	\$0.20	1.37	7.48
3	300	\$21.17	\$21.47	\$0.30	1.44	7.16
4	400	\$27.57	\$27.98	\$0.41	1.47	7.00
5	500	\$33.98	\$34.49	\$0.51	1.49	6.90
6	600	\$40.39	\$41.00	\$0.61	1.51	6.83
7	700	\$46.79	\$47.50	\$0.71	1.52	6.79
8	800	\$53.20	\$54.01	\$0.81	1.52	6.75
9	900	\$59.61	\$60.52	\$0.91	1.53	6.72
10	1,000	\$66.01	\$67.03	\$1.01	1.54	6.70

Michigan Public Service Commission
The Detroit Edison Company
Water Heating Service Rate - D5 Option III Residential
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

<u>Present Rates</u>		<u>Proposed Rates</u>	
Power Supply Charges:		Power Supply Charges:	
Energy Charge	0.03400	Energy Charge	0.04140
Power Supply Surcharges:	0.009674	Power Supply Surcharges:	0.002274
Distribution Charges:		Distribution Charges:	
Service Charge	\$1.95	Service Charge	\$1.95
Distribution Energy	0.02756	Distribution Energy	0.02751
Delivery Surcharges:	0.006824	Delivery Surcharges:	0.007892

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	100	\$9.76	\$9.86	\$0.10	1.04	9.86
2	200	\$17.56	\$17.77	\$0.20	1.15	8.88
3	300	\$25.37	\$25.67	\$0.30	1.20	8.56
4	400	\$33.17	\$33.58	\$0.41	1.22	8.40
5	500	\$40.98	\$41.49	\$0.51	1.24	8.30
6	600	\$48.79	\$49.40	\$0.61	1.25	8.23
7	700	\$56.59	\$57.30	\$0.71	1.25	8.19
8	800	\$64.40	\$65.21	\$0.81	1.26	8.15
9	900	\$72.21	\$73.12	\$0.91	1.26	8.12
10	1,000	\$80.01	\$81.03	\$1.01	1.27	8.10
11	1,100	\$87.82	\$88.93	\$1.12	1.27	8.08
12	1,200	\$95.62	\$96.84	\$1.22	1.27	8.07

Michigan Public Service Commission
The Detroit Edison Company
General Service Rate - D3
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates:

Power Supply Charges:
Energy Charge 0.04935

Power Supply Surcharges: 0.008434

Distribution Charges:
Service Charge \$8.78

Distribution Energy 0.03993

Distribution Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:
Energy Charge 0.05675

Power Supply Surcharges: 0.001034

Distribution Charges:
Service Charge \$8.78

Distribution Energy 0.03783

Distribution Surcharges: 0.008078

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	400	\$50.60	\$50.26	-\$0.34	-0.67	12.56
2	600	\$71.50	\$71.00	-\$0.51	-0.71	11.83
3	800	\$92.41	\$91.73	-\$0.68	-0.74	11.47
4	1,000	\$113.32	\$112.47	-\$0.85	-0.75	11.25
5	1,200	\$134.23	\$133.21	-\$1.02	-0.76	11.10
6	1,400	\$155.14	\$153.95	-\$1.19	-0.77	11.00
7	1,600	\$176.05	\$174.69	-\$1.36	-0.77	10.92
8	1,800	\$196.95	\$195.43	-\$1.53	-0.78	10.86
9	2,000	\$217.86	\$216.16	-\$1.70	-0.78	10.81
10	2,200	\$238.77	\$236.90	-\$1.87	-0.78	10.77
11	2,400	\$259.68	\$257.64	-\$2.04	-0.79	10.74
12	2,500	\$270.13	\$268.01	-\$2.12	-0.79	10.72
13	3,000	\$322.40	\$319.86	-\$2.55	-0.79	10.66
14	3,500	\$374.67	\$371.70	-\$2.97	-0.79	10.62
15	4,000	\$426.94	\$423.55	-\$3.40	-0.80	10.59
16	4,500	\$479.22	\$475.39	-\$3.82	-0.80	10.56
17	5,000	\$531.49	\$527.24	-\$4.25	-0.80	10.54
18	5,500	\$583.76	\$579.08	-\$4.67	-0.80	10.53
19	6,000	\$636.03	\$630.93	-\$5.10	-0.80	10.52
20	6,500	\$688.30	\$682.78	-\$5.52	-0.80	10.50
21	7,000	\$740.57	\$734.62	-\$5.95	-0.80	10.49
22	7,500	\$792.84	\$786.47	-\$6.37	-0.80	10.49
23	8,000	\$845.11	\$838.31	-\$6.80	-0.80	10.48
24	8,500	\$897.38	\$890.16	-\$7.22	-0.80	10.47
25	9,000	\$949.65	\$942.01	-\$7.65	-0.81	10.47
26	9,500	\$1,001.92	\$993.85	-\$8.07	-0.81	10.46
27	10,000	\$1,054.19	\$1,045.70	-\$8.50	-0.81	10.46
28	12,000	\$1,263.27	\$1,253.08	-\$10.19	-0.81	10.44
29	15,000	\$1,576.90	\$1,564.16	-\$12.74	-0.81	10.43
30	18,000	\$1,890.52	\$1,875.23	-\$15.29	-0.81	10.42
31	21,000	\$2,204.15	\$2,186.31	-\$17.84	-0.81	10.41
32	24,000	\$2,517.77	\$2,497.38	-\$20.39	-0.81	10.41
33	27,000	\$2,831.39	\$2,808.46	-\$22.94	-0.81	10.40
34	30,000	\$3,145.02	\$3,119.53	-\$25.49	-0.81	10.40
35	35,000	\$3,667.72	\$3,637.99	-\$29.73	-0.81	10.39
36	40,000	\$4,190.43	\$4,156.45	-\$33.98	-0.81	10.39
37	45,000	\$4,713.14	\$4,674.91	-\$38.23	-0.81	10.39
38	50,000	\$5,235.84	\$5,193.37	-\$42.48	-0.81	10.39

Michigan Public Service Commission
The Detroit Edison Company
Interruptible General Service Rate - D3.3
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates:

Power Supply Charges:

Energy Charge 0.03911

Power Supply Surcharges: 0.008298

Distribution Charges:

Service Charge \$8.78

Distribution Energy 0.03163

Distribution Surcharges: 0.006824

Proposed Rates:

Power Supply Charges:

Energy Charge 0.04652

Power Supply Surcharges: 0.000898

Distribution Charges:

Service Charge \$8.78

Distribution Energy 0.03158

Distribution Surcharges: 0.007860

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	400	\$43.13	\$43.52	\$0.40	0.92	10.88
2	600	\$60.30	\$60.89	\$0.60	0.99	10.15
3	800	\$77.47	\$78.27	\$0.80	1.03	9.78
4	1,000	\$94.64	\$95.64	\$0.99	1.05	9.56
5	1,200	\$111.82	\$113.01	\$1.19	1.07	9.42
6	1,400	\$128.99	\$130.38	\$1.39	1.08	9.31
7	1,600	\$146.16	\$147.75	\$1.59	1.09	9.23
8	1,800	\$163.33	\$165.12	\$1.79	1.10	9.17
9	2,000	\$180.51	\$182.50	\$1.99	1.10	9.12
10	2,200	\$197.68	\$199.87	\$2.19	1.11	9.08
11	2,400	\$214.85	\$217.24	\$2.39	1.11	9.05
12	2,500	\$223.44	\$225.92	\$2.49	1.11	9.04
13	3,000	\$266.37	\$269.35	\$2.98	1.12	8.98
14	3,500	\$309.30	\$312.78	\$3.48	1.13	8.94
15	4,000	\$352.23	\$356.21	\$3.98	1.13	8.91
16	4,500	\$395.16	\$399.64	\$4.48	1.13	8.88
17	5,000	\$438.09	\$443.07	\$4.97	1.14	8.86
18	5,500	\$481.03	\$486.50	\$5.47	1.14	8.85
19	6,000	\$523.96	\$529.93	\$5.97	1.14	8.83
20	6,500	\$566.89	\$573.35	\$6.47	1.14	8.82
21	7,000	\$609.82	\$616.78	\$6.96	1.14	8.81
22	7,500	\$652.75	\$660.21	\$7.46	1.14	8.80
23	8,000	\$695.68	\$703.64	\$7.96	1.14	8.80
24	8,500	\$738.61	\$747.07	\$8.45	1.14	8.79
25	9,000	\$781.55	\$790.50	\$8.95	1.15	8.78
26	9,500	\$824.48	\$833.93	\$9.45	1.15	8.78
27	10,000	\$867.41	\$877.36	\$9.95	1.15	8.77
28	12,000	\$1,039.13	\$1,051.07	\$11.94	1.15	8.76
29	15,000	\$1,296.72	\$1,311.64	\$14.92	1.15	8.74
30	18,000	\$1,554.31	\$1,572.22	\$17.90	1.15	8.73
31	21,000	\$1,811.90	\$1,832.79	\$20.89	1.15	8.73
32	24,000	\$2,069.49	\$2,093.36	\$23.87	1.15	8.72
33	27,000	\$2,327.08	\$2,353.93	\$26.85	1.15	8.72
34	30,000	\$2,584.67	\$2,614.51	\$29.84	1.15	8.72
35	33,000	\$2,842.25	\$2,875.08	\$32.82	1.15	8.71
36	36,000	\$3,099.84	\$3,135.65	\$35.81	1.16	8.71
37	39,000	\$3,357.43	\$3,396.22	\$38.79	1.16	8.71
38	42,000	\$3,615.02	\$3,656.80	\$41.77	1.16	8.71
39	45,000	\$3,872.61	\$3,917.37	\$44.76	1.16	8.71
40	50,000	\$4,301.92	\$4,351.66	\$49.73	1.16	8.70
41	60,000	\$5,160.55	\$5,220.23	\$59.68	1.16	8.70

Michigan Public Service Commission
The Detroit Edison Company
Optional Time of Day General Service - D3.4
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates

Power Supply Charges:
Energy Charges:
On-Peak Energy Rate: 0.11366
Off-Peak Energy Rate: 0.03766

Power Supply Surcharges: 0.008298

Distribution Charges:
Service Charge: \$12.95

Distribution Energy 0.03804

Distribution Surcharges: 0.006824

Proposed Rates

Power Supply Charges:
Energy Charges:
On-Peak Energy Rate: 0.12010
Off-Peak Energy Rate: 0.04538

Power Supply Surcharges: 0.000898

Distribution Charges:
Service Charge: \$12.95

Distribution Energy 0.03799

Distribution Surcharges: 0.008029

Line No.	(A) Monthly kWh Use	(B) On-Peak Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	25,000	20%	\$2,663.43	\$2,693.97	\$30.54	1.15	10.78
2	25,000	25%	\$2,758.43	\$2,787.37	\$28.94	1.05	11.15
3	25,000	30%	\$2,853.43	\$2,880.77	\$27.34	0.96	11.52
4							
5	35,000	20%	\$3,723.62	\$3,766.38	\$42.76	1.15	10.76
6	35,000	25%	\$3,856.62	\$3,897.14	\$40.52	1.05	11.13
7	35,000	30%	\$3,989.62	\$4,027.90	\$38.28	0.96	11.51
8							
9	50,000	20%	\$5,313.91	\$5,375.00	\$61.09	1.15	10.75
10	50,000	25%	\$5,503.91	\$5,561.80	\$57.89	1.05	11.12
11	50,000	30%	\$5,693.91	\$5,748.60	\$54.69	0.96	11.50
12							
13	80,000	20%	\$8,494.48	\$8,592.22	\$97.74	1.15	10.74
14	80,000	25%	\$8,798.48	\$8,891.10	\$92.62	1.05	11.11
15	80,000	30%	\$9,102.48	\$9,189.98	\$87.50	0.96	11.49

Michigan Public Service Commission
The Detroit Edison Company
Large General Service Rate - D4
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates

Power Supply Charges:
Demand Charge: \$3.50
Energy Charges:
First 200kWh/kW: 0.04243
Over 200kWh/kW: 0.03253

Power Supply Surcharges: 0.008298

Distribution Charges:
Service Charge: \$13.67
Demand Charge: \$7.45
Distribution Energy: 0.01731

Distribution Surcharges: 0.006824

Proposed Rates

Power Supply Charges:
Demand Charge: \$3.50
Energy Charges:
First 200kWh/kW: 0.04983
Over 200kWh/kW: 0.03993

Power Supply Surcharges: 0.000898

Distribution Charges:
Service Charge: \$13.67
Demand Charge: \$9.50
Distribution Energy: 0.00852

Distribution Surcharges: 0.007877

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Percent	(G) Proposed Unit Cost
1	5	300	\$175.76	\$174.41	-\$1.36	-0.77	11.63
2	5	400	\$208.25	\$203.02	-\$5.22	-2.51	10.15
3	5	500	\$240.73	\$231.63	-\$9.09	-3.78	9.27
4							
5	10	300	\$337.86	\$335.15	-\$2.71	-0.80	11.17
6	10	400	\$402.82	\$392.37	-\$10.45	-2.59	9.81
7	10	500	\$467.78	\$449.60	-\$18.19	-3.89	8.99
8							
9	25	300	\$824.14	\$817.36	-\$6.78	-0.82	10.90
10	25	400	\$986.55	\$960.42	-\$26.12	-2.65	9.60
11	25	500	\$1,148.95	\$1,103.49	-\$45.47	-3.96	8.83
12							
13	50	300	\$1,634.61	\$1,621.05	-\$13.56	-0.83	10.81
14	50	400	\$1,959.42	\$1,907.18	-\$52.25	-2.67	9.54
15	50	500	\$2,284.24	\$2,193.31	-\$90.93	-3.98	8.77
16							
17	75	300	\$2,445.08	\$2,424.74	-\$20.34	-0.83	10.78
18	75	400	\$2,932.30	\$2,853.93	-\$78.37	-2.67	9.51
19	75	500	\$3,419.52	\$3,283.12	-\$136.40	-3.99	8.75
20							
21	100	300	\$3,255.55	\$3,228.43	-\$27.12	-0.83	10.76
22	100	400	\$3,905.18	\$3,800.69	-\$104.49	-2.68	9.50
23	100	500	\$4,554.81	\$4,372.94	-\$181.87	-3.99	8.75
24							
25	200	300	\$6,497.43	\$6,443.19	-\$54.24	-0.83	10.74
26	200	400	\$7,796.69	\$7,587.70	-\$208.99	-2.68	9.48
27	200	500	\$9,095.94	\$8,732.21	-\$363.73	-4.00	8.73
28							
29	300	300	\$9,739.32	\$9,657.96	-\$81.36	-0.84	10.73
30	300	400	\$11,688.20	\$11,374.72	-\$313.48	-2.68	9.48
31	300	500	\$13,637.08	\$13,091.48	-\$545.60	-4.00	8.73
32							
33	400	300	\$12,981.20	\$12,872.72	-\$108.48	-0.84	10.73
34	400	400	\$15,579.71	\$15,161.73	-\$417.97	-2.68	9.48
35	400	500	\$18,178.22	\$17,450.75	-\$727.47	-4.00	8.73
36							
37	500	300	\$16,223.08	\$16,087.48	-\$135.60	-0.84	10.72
38	500	400	\$19,471.22	\$18,948.75	-\$522.47	-2.68	9.47
39	500	500	\$22,719.36	\$21,810.02	-\$909.34	-4.00	8.72
40							
41	750	300	\$24,327.79	\$24,124.39	-\$203.40	-0.84	10.72
42	750	400	\$29,199.99	\$28,416.29	-\$783.70	-2.68	9.47
43	750	500	\$34,072.20	\$32,708.20	-\$1,364.00	-4.00	8.72
44							
45	1000	300	\$32,432.49	\$32,161.29	-\$271.20	-0.84	10.72
46	1000	400	\$38,928.77	\$37,883.83	-\$1,044.94	-2.68	9.47
47	1000	500	\$45,425.04	\$43,606.37	-\$1,818.67	-4.00	8.72

Michigan Public Service Commission
The Detroit Edison Company
Water Heating Service Rate - D5 Option I Commercial
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates

Power Supply Charges:
Energy Charge 0.02325

Power Supply Surcharges: 0.008434

Distribution Charges:
Service Charge \$1.95

Distribution Energy 0.02438

Distribution Surcharges: 0.006824

Proposed Rates

Power Supply Charges:
Energy Charge 0.03070

Power Supply Surcharges: 0.001034

Distribution Charges:
Service Charge \$1.95

Distribution Energy 0.02433

Distribution Surcharges: 0.007735

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	100	\$8.24	\$8.33	\$0.09	1.10	8.33
2	200	\$14.53	\$14.71	\$0.18	1.25	7.35
3	300	\$20.82	\$21.09	\$0.27	1.31	7.03
4	400	\$27.11	\$27.47	\$0.36	1.34	6.87
5	500	\$33.39	\$33.85	\$0.46	1.36	6.77
6	600	\$39.68	\$40.23	\$0.55	1.38	6.70
7	700	\$45.97	\$46.61	\$0.64	1.39	6.66
8	800	\$52.26	\$52.99	\$0.73	1.39	6.62
9	900	\$58.55	\$59.37	\$0.82	1.40	6.60
10	1,000	\$64.84	\$65.75	\$0.91	1.40	6.57
11	1,100	\$71.13	\$72.13	\$1.00	1.41	6.56
12	1,200	\$77.42	\$78.51	\$1.09	1.41	6.54

Michigan Public Service Commission
The Detroit Edison Company
Water Heating Service Rate - D5 Option III Commercial
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

<u>Present Rates</u>		<u>Proposed Rates</u>	
Power Supply Charges:		Power Supply Charges:	
Energy Charge	0.04500	Energy Charge	0.05240
Power Supply Surcharges:	0.008434	Power Supply Surcharges:	0.001034
Distribution Charges:		Distribution Charges:	
Service Charge	\$1.95	Service Charge	\$1.95
Distribution Energy	0.02438	Distribution Energy	0.02433
Distribution Surcharges:	0.006824	Distribution Surcharges:	0.007735

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	100	\$10.41	\$10.50	\$0.09	0.83	10.50
2	200	\$18.88	\$19.05	\$0.17	0.91	9.52
3	300	\$27.34	\$27.60	\$0.26	0.94	9.20
4	400	\$35.81	\$36.15	\$0.34	0.96	9.04
5	500	\$44.27	\$44.70	\$0.43	0.97	8.94
6	600	\$52.73	\$53.25	\$0.52	0.98	8.87
7	700	\$61.20	\$61.80	\$0.60	0.98	8.83
8	800	\$69.66	\$70.35	\$0.69	0.99	8.79
9	900	\$78.13	\$78.90	\$0.77	0.99	8.77
10	1,000	\$86.59	\$87.45	\$0.86	0.99	8.74
11	1,100	\$95.05	\$96.00	\$0.95	1.00	8.73
12	1,200	\$103.52	\$104.55	\$1.03	1.00	8.71

Michigan Public Service Commission
The Detroit Edison Company
Greenhouse Lighting Service Rate - Standard Contract Rider No. R7
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates:		Proposed Rates:	
Power Supply Charges:		Power Supply Charges:	
Energy Charge:	0.02150	Energy Charge:	0.02887
Power Supply Surcharges:	0.008434	Power Supply Surcharges:	0.001034
Distribution Charges:		Distribution Charges:	
Service Charge:	\$1.95	Service Charge:	\$1.95
Distribution Energy	0.02414	Distribution Energy	0.02412
Distribution Surcharges:	0.006824	Distribution Surcharges:	0.007670

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	400	\$26.31	\$26.63	\$0.32	1.21	6.66
2	600	\$38.49	\$38.97	\$0.48	1.24	6.49
3	800	\$50.67	\$51.31	\$0.64	1.26	6.41
4	1,000	\$62.85	\$63.64	\$0.80	1.27	6.36
5	1,200	\$75.03	\$75.98	\$0.95	1.27	6.33
6	1,400	\$87.21	\$88.32	\$1.11	1.28	6.31
7	1,600	\$99.39	\$100.66	\$1.27	1.28	6.29
8	1,800	\$111.57	\$113.00	\$1.43	1.28	6.28
9	2,000	\$123.75	\$125.34	\$1.59	1.29	6.27
10	2,500	\$154.20	\$156.18	\$1.99	1.29	6.25
13	3,000	\$184.64	\$187.03	\$2.39	1.29	6.23
15	4,000	\$245.54	\$248.73	\$3.18	1.30	6.22
17	5,000	\$306.44	\$310.42	\$3.98	1.30	6.21
19	6,000	\$367.34	\$372.11	\$4.77	1.30	6.20
21	7,000	\$428.24	\$433.81	\$5.57	1.30	6.20
23	8,000	\$489.13	\$495.50	\$6.37	1.30	6.19
25	9,000	\$550.03	\$557.19	\$7.16	1.30	6.19
27	10,000	\$610.93	\$618.89	\$7.96	1.30	6.19
28	12,000	\$732.73	\$742.28	\$9.55	1.30	6.19
29	15,000	\$915.42	\$927.36	\$11.94	1.30	6.18

Michigan Public Service Commission
The Detroit Edison Company
Commercial Space Heating - Standard Contract Rider No. R8
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

June Thru October

<u>Present Rates</u>		<u>Proposed Rates</u>	
Power Supply Charges:		Power Supply Charges:	
Energy Charge	0.05575	Energy Charge	0.06315
Power Supply Surcharges:	0.008434	Power Supply Surcharges:	0.001034
Distribution Charges:		Distribution Charges:	
Service Charge:	\$8.78	Service Charge:	\$8.78
Distribution Energy	0.03750	Distribution Energy	0.03745
Distribution Surcharges:	0.006824	Distribution Surcharges:	0.008072

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	1,000	\$117.29	\$118.49	\$1.19	1.02	11.85
2	3,000	\$334.32	\$337.90	\$3.58	1.07	11.26
3	5,000	\$551.34	\$557.31	\$5.97	1.08	11.15
4	7,000	\$768.36	\$776.72	\$8.36	1.09	11.10
5	8,000	\$876.88	\$886.42	\$9.55	1.09	11.08
6	9,000	\$985.39	\$996.13	\$10.74	1.09	11.07
7	10,000	\$1,093.90	\$1,105.84	\$11.94	1.09	11.06
8	12,000	\$1,310.92	\$1,325.25	\$14.32	1.09	11.04
9	13,000	\$1,419.44	\$1,434.95	\$15.52	1.09	11.04
10	15,000	\$1,636.46	\$1,654.36	\$17.90	1.09	11.03
11	17,000	\$1,853.48	\$1,873.78	\$20.29	1.09	11.02
12	20,000	\$2,179.02	\$2,202.89	\$23.87	1.10	11.01

Michigan Public Service Commission
The Detroit Edison Company
Commercial Space Heating - Standard Contract Rider No. R8
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
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Witness: E. L. Falletich

November Thru May

<u>Present Rates</u>		<u>Proposed Rates</u>	
Power Supply Charges:		Power Supply Charges:	
Energy Charge		Energy Charge	
1st 1,000 kWh	0.05575	1st 1,000 kWh	0.06315
Excess	0.03369	Excess	0.04114
Power Supply Surcharges:	0.008434	Power Supply Surcharges:	0.001034
Distribution Charges:		Distribution Charges:	
Service Charge:	\$8.78	Service Charge:	\$8.78
Distribution Energy	0.03750	Distribution Energy	0.03745
Distribution Surcharges:	0.006824	Distribution Surcharges:	0.008072

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	1,000	\$117.29	\$118.49	\$1.19	1.02	11.85
2	3,000	\$290.20	\$293.88	\$3.68	1.27	9.80
3	5,000	\$463.10	\$469.27	\$6.17	1.33	9.39
4	7,000	\$636.00	\$644.66	\$8.66	1.36	9.21
5	8,000	\$722.46	\$732.35	\$9.90	1.37	9.15
6	9,000	\$808.91	\$820.05	\$11.14	1.38	9.11
7	10,000	\$895.36	\$907.75	\$12.39	1.38	9.08
8	12,000	\$1,068.26	\$1,083.14	\$14.87	1.39	9.03
9	13,000	\$1,154.72	\$1,170.83	\$16.12	1.40	9.01
10	15,000	\$1,327.62	\$1,346.22	\$18.60	1.40	8.97
11	17,000	\$1,500.52	\$1,521.62	\$21.09	1.41	8.95
12	20,000	\$1,759.88	\$1,784.70	\$24.82	1.41	8.92
15	28,000	\$2,451.49	\$2,486.27	\$34.77	1.42	8.88
16	30,000	\$2,624.40	\$2,661.66	\$37.26	1.42	8.87
17	35,000	\$3,056.66	\$3,100.14	\$43.48	1.42	8.86
18	40,000	\$3,488.92	\$3,538.61	\$49.70	1.42	8.85

Michigan Public Service Commission
The Detroit Edison Company
Secondary Pumping - E5
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 33 of 56
Witness: E. L. Falletich

<u>Present Rates</u>		<u>Proposed Rates</u>	
Power Supply Charges:		Power Supply Charges:	
Energy Charge	0.04785	Energy Charge	0.05525
Power Supply Surcharges:	0.008298	Power Supply Surcharges:	0.000898
Distribution Charges:		Distribution Charges:	
Service Charge:	\$10.85	Service Charge:	\$10.85
Distribution Energy	0.03341	Distribution Energy	0.03336
Distribution Surcharges:	0.006824	Distribution Surcharges:	0.007936

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Increase Percent	(F) Proposed Unit Cost
1	500	\$59.04	\$59.57	\$0.53	0.90	11.91
2	750	\$83.13	\$83.93	\$0.80	0.96	11.19
3	1,000	\$107.23	\$108.29	\$1.07	0.99	10.83
4	1,250	\$131.32	\$132.66	\$1.33	1.01	10.61
5	1,500	\$155.42	\$157.02	\$1.60	1.03	10.47
6	1,750	\$179.51	\$181.38	\$1.87	1.04	10.36
7	2,000	\$203.61	\$205.74	\$2.13	1.05	10.29
8	2,250	\$227.70	\$230.10	\$2.40	1.05	10.23
9	2,500	\$251.79	\$254.46	\$2.67	1.06	10.18
10	2,750	\$275.89	\$278.82	\$2.93	1.06	10.14
11	3,000	\$299.98	\$303.18	\$3.20	1.07	10.11
12	3,250	\$324.08	\$327.54	\$3.47	1.07	10.08
13	3,500	\$348.17	\$351.90	\$3.73	1.07	10.05
14	3,750	\$372.27	\$376.27	\$4.00	1.07	10.03
15	4,000	\$396.36	\$400.63	\$4.27	1.08	10.02
16	4,250	\$420.46	\$424.99	\$4.53	1.08	10.00
17	4,500	\$444.55	\$449.35	\$4.80	1.08	9.99
18	4,750	\$468.64	\$473.71	\$5.06	1.08	9.97
19	5,000	\$492.74	\$498.07	\$5.33	1.08	9.96
20	5,250	\$516.83	\$522.43	\$5.60	1.08	9.95
21	5,500	\$540.93	\$546.79	\$5.86	1.08	9.94
22	5,750	\$565.02	\$571.15	\$6.13	1.09	9.93
23	6,000	\$589.12	\$595.51	\$6.40	1.09	9.93
24	6,250	\$613.21	\$619.88	\$6.66	1.09	9.92
25	6,500	\$637.31	\$644.24	\$6.93	1.09	9.91
26	6,750	\$661.40	\$668.60	\$7.20	1.09	9.91
27	7,000	\$685.49	\$692.96	\$7.46	1.09	9.90
28	7,250	\$709.59	\$717.32	\$7.73	1.09	9.89
29	7,500	\$733.68	\$741.68	\$8.00	1.09	9.89
30	7,750	\$757.78	\$766.04	\$8.26	1.09	9.88
31	8,000	\$781.87	\$790.40	\$8.53	1.09	9.88
32	9,000	\$878.25	\$887.85	\$9.60	1.09	9.86
33	10,000	\$974.63	\$985.29	\$10.66	1.09	9.85

Michigan Public Service Commission
The Detroit Edison Company
Primary Supply Rate - D6
Primary Less Than 24kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 34 of 56
Witness: E. L. Falletich

<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$10.93	Power Supply Demand	\$10.93
<u>Energy</u>		<u>Energy</u>	
On-Peak Rate	\$0.02364	On-Peak Rate	\$0.03104
Off-Peak Rate	\$0.02064	Off-Peak Rate	\$0.02804
Voltage Discount	\$0.00000	Voltage Discount	\$0.00000
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$4.55	Demand	\$4.28
Energy	\$0.00703	Energy	\$0.00635
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000650

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) @ Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	50	300	@ 30%	\$1,704	\$1,691	-\$13	-0.77	11.27
2	50	400	@ 30%	\$1,923	\$1,910	-\$13	-0.68	9.55
3	50	500	@ 25%	\$2,138	\$2,125	-\$13	-0.61	8.50
4	50	600	@ 25%	\$2,355	\$2,342	-\$13	-0.55	7.81
5								
6	100	300	@ 30%	\$3,134	\$3,107	-\$26	-0.84	10.36
7	100	400	@ 30%	\$3,571	\$3,545	-\$26	-0.73	8.86
8	100	500	@ 25%	\$4,000	\$3,974	-\$26	-0.65	7.95
9	100	600	@ 25%	\$4,436	\$4,410	-\$26	-0.58	7.35
10								
11	500	300	@ 30%	\$14,569	\$14,437	-\$132	-0.91	9.62
12	500	400	@ 30%	\$16,753	\$16,623	-\$131	-0.78	8.31
13	500	500	@ 25%	\$18,901	\$18,771	-\$130	-0.69	7.51
14	500	600	@ 25%	\$21,078	\$20,949	-\$129	-0.61	6.98
15								
16	1,000	300	@ 30%	\$28,863	\$28,599	-\$264	-0.91	9.53
17	1,000	400	@ 30%	\$33,232	\$32,970	-\$262	-0.79	8.24
18	1,000	500	@ 25%	\$37,526	\$37,266	-\$260	-0.69	7.45
19	1,000	600	@ 25%	\$41,880	\$41,622	-\$258	-0.62	6.94
20								
21	5,000	300	@ 30%	\$143,213	\$141,894	-\$1,320	-0.92	9.46
22	5,000	400	@ 30%	\$165,059	\$163,750	-\$1,309	-0.79	8.19
23	5,000	500	@ 25%	\$186,530	\$185,231	-\$1,299	-0.70	7.41
24	5,000	600	@ 25%	\$208,301	\$207,012	-\$1,289	-0.62	6.90

Michigan Public Service Commission
The Detroit Edison Company
Primary Supply Rate - D6
Subtransmission 24 to 41.6kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$10.93	Power Supply Demand	\$10.93
<u>Energy</u>		<u>Energy</u>	
On-Peak Rate	\$0.02364	On-Peak Rate	\$0.03104
Off-Peak Rate	\$0.02064	Off-Peak Rate	\$0.02804
Voltage Discount	(\$0.00100)	Voltage Discount	(\$0.00100)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$3.45	Demand	\$3.21
Energy	\$0.00703	Energy	\$0.00635
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000650

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@ 30%	\$27,463	\$27,229	-\$234	-0.85	9.08
2	1,000	400	@ 30%	\$31,732	\$31,500	-\$232	-0.73	7.87
3	1,000	500	@ 25%	\$35,926	\$35,696	-\$230	-0.64	7.14
4	1,000	600	@ 25%	\$40,180	\$39,952	-\$228	-0.57	6.66
5								
6	5,000	300	@ 30%	\$136,213	\$135,044	-\$1,170	-0.86	9.00
7	5,000	400	@ 30%	\$157,559	\$156,400	-\$1,159	-0.74	7.82
8	5,000	500	@ 25%	\$178,530	\$177,381	-\$1,149	-0.64	7.10
9	5,000	600	@ 25%	\$199,801	\$198,662	-\$1,139	-0.57	6.62
10								
11	10,000	300	@ 30%	\$272,151	\$269,812	-\$2,339	-0.86	8.99
12	10,000	400	@ 30%	\$314,843	\$312,524	-\$2,319	-0.74	7.81
13	10,000	500	@ 25%	\$356,785	\$354,487	-\$2,299	-0.64	7.09
14	10,000	600	@ 25%	\$399,327	\$397,049	-\$2,278	-0.57	6.62
15								
16	50,000	300	@ 30%	\$1,359,655	\$1,347,960	-\$11,696	-0.86	8.99
17	50,000	400	@ 30%	\$1,573,115	\$1,561,521	-\$11,594	-0.74	7.81
18	50,000	500	@ 25%	\$1,782,825	\$1,771,333	-\$11,493	-0.64	7.09
19	50,000	600	@ 25%	\$1,995,535	\$1,984,144	-\$11,391	-0.57	6.61

Michigan Public Service Commission
The Detroit Edison Company
Primary Supply Rate - D6
Transmission 120kV and above
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
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Schedule: E5
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Witness: E. L. Falletich

<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$10.93	Power Supply Demand	\$10.93
<u>Energy</u>		<u>Energy</u>	
On-Peak Rate	\$0.02364	On-Peak Rate	\$0.03104
Off-Peak Rate	\$0.02064	Off-Peak Rate	\$0.02804
Voltage Discount	(\$0.0015)	Voltage Discount	(\$0.0015)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$2.60	Demand	\$2.38
Energy	\$0.00703	Energy	\$0.00635
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000650

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@ 30%	\$26,463	\$26,249	-\$214	-0.81	8.75
2	1,000	400	@ 30%	\$30,682	\$30,470	-\$212	-0.69	7.62
3	1,000	500	@ 25%	\$34,826	\$34,616	-\$210	-0.60	6.92
4	1,000	600	@ 25%	\$39,030	\$38,822	-\$208	-0.53	6.47
5								
6	5,000	300	@ 30%	\$131,213	\$130,144	-\$1,070	-0.82	8.68
7	5,000	400	@ 30%	\$152,309	\$151,250	-\$1,059	-0.70	7.56
8	5,000	500	@ 25%	\$173,030	\$171,981	-\$1,049	-0.61	6.88
9	5,000	600	@ 25%	\$194,051	\$193,012	-\$1,039	-0.54	6.43
10								
11	10,000	300	@ 30%	\$262,151	\$260,012	-\$2,139	-0.82	8.67
12	10,000	400	@ 30%	\$304,343	\$302,224	-\$2,119	-0.70	7.56
13	10,000	500	@ 25%	\$345,785	\$343,687	-\$2,099	-0.61	6.87
14	10,000	600	@ 25%	\$387,827	\$385,749	-\$2,078	-0.54	6.43
15								
16	50,000	300	@ 30%	\$1,309,655	\$1,298,960	-\$10,696	-0.82	8.66
17	50,000	400	@ 30%	\$1,520,615	\$1,510,021	-\$10,594	-0.70	7.55
18	50,000	500	@ 25%	\$1,727,825	\$1,717,333	-\$10,493	-0.61	6.87
19	50,000	600	@ 25%	\$1,938,035	\$1,927,644	-\$10,391	-0.54	6.43

Michigan Public Service Commission
The Detroit Edison Company
Alternative Primary Supply Rate - D6.1
Primary Less Than 24kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
<u>Energy</u>		<u>Energy</u>	
1st 150 Hrs	\$0.11934	1st 150 Hrs	\$0.12674
Next 300 Hrs	\$0.01699	Next 300 Hrs	\$0.02439
Excess Hrs. Use	\$0.01121	Excess Hrs. Use	\$0.01861
Off-Peak Discount	(\$0.003)	Off-Peak Discount	(\$0.003)
Voltage Discount	\$0.00000	Voltage Discount	\$0.00000
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge	\$275	Service Charge	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$3.20	Demand	\$3.20
Energy	\$0.00701	Energy	\$0.00696
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000404

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	10,000	500	@ 20%	\$366,516	\$368,536	\$2,021	0.55	7.37
2	10,000	500	@ 30%	\$368,016	\$370,036	\$2,021	0.55	7.40
3								
4	10,000	600	@ 20%	\$397,453	\$399,878	\$2,425	0.61	6.66
5	10,000	600	@ 25%	\$398,353	\$400,778	\$2,425	0.61	6.68
6								
7	10,000	700	@ 20%	\$428,391	\$431,220	\$2,829	0.66	6.16
8	10,000	700	@ 25%	\$429,441	\$432,270	\$2,829	0.66	6.18
9								
10	20,000	500	@ 20%	\$732,757	\$736,798	\$4,041	0.55	7.37
11	20,000	500	@ 30%	\$735,757	\$739,798	\$4,041	0.55	7.40
12								
13	20,000	600	@ 20%	\$794,632	\$799,481	\$4,849	0.61	6.66
14	20,000	600	@ 25%	\$796,432	\$801,281	\$4,849	0.61	6.68
15								
16	20,000	700	@ 20%	\$856,507	\$862,164	\$5,657	0.66	6.16
17	20,000	700	@ 25%	\$858,607	\$864,264	\$5,657	0.66	6.17
18								
19	50,000	500	@ 20%	\$1,831,479	\$1,841,582	\$10,103	0.55	7.37
20	50,000	500	@ 30%	\$1,838,979	\$1,849,082	\$10,103	0.55	7.40
21								
22	50,000	600	@ 20%	\$1,986,167	\$1,998,290	\$12,123	0.61	6.66
23	50,000	600	@ 25%	\$1,990,667	\$2,002,790	\$12,123	0.61	6.68
24								
25	50,000	700	@ 20%	\$2,140,854	\$2,154,997	\$14,144	0.66	6.16
26	50,000	700	@ 25%	\$2,146,104	\$2,160,247	\$14,144	0.66	6.17

Michigan Public Service Commission
The Detroit Edison Company
Alternative Primary Supply Rate - D6.1
Subtransmission 24 to 41.6kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
<u>Energy</u>		<u>Energy</u>	
1st 150 Hrs	\$0.11934	1st 150 Hrs	\$0.12674
Next 300 Hrs	\$0.01699	Next 300 Hrs	\$0.02439
Excess Hrs. Use	\$0.01121	Excess Hrs. Use	\$0.01861
Off-Peak Discount	(\$0.003)	Off-Peak Discount	(\$0.003)
Voltage Discount	(\$0.001)	Voltage Discount	(\$0.001)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge	\$275	Service Charge	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$2.10	Demand	\$2.10
Energy	\$0.00701	Energy	\$0.00696
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000404

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	10,000	500	@ 20%	\$350,516	\$352,536	\$2,021	0.58	7.05
2	10,000	500	@ 30%	\$352,016	\$354,036	\$2,021	0.57	7.08
3								
4	10,000	600	@ 20%	\$380,453	\$382,878	\$2,425	0.64	6.38
5	10,000	600	@ 25%	\$381,353	\$383,778	\$2,425	0.64	6.40
6								
7	10,000	700	@ 20%	\$410,391	\$413,220	\$2,829	0.69	5.90
8	10,000	700	@ 25%	\$411,441	\$414,270	\$2,829	0.69	5.92
9								
10	20,000	500	@ 20%	\$700,757	\$704,798	\$4,041	0.58	7.05
11	20,000	500	@ 30%	\$703,757	\$707,798	\$4,041	0.57	7.08
12								
13	20,000	600	@ 20%	\$760,632	\$765,481	\$4,849	0.64	6.38
14	20,000	600	@ 25%	\$762,432	\$767,281	\$4,849	0.64	6.39
15								
16	20,000	700	@ 20%	\$820,507	\$826,164	\$5,657	0.69	5.90
17	20,000	700	@ 25%	\$822,607	\$828,264	\$5,657	0.69	5.92
18								
19	50,000	500	@ 20%	\$1,751,479	\$1,761,582	\$10,103	0.58	7.05
20	50,000	500	@ 30%	\$1,758,979	\$1,769,082	\$10,103	0.57	7.08

Michigan Public Service Commission
The Detroit Edison Company
Alternative Primary Supply Rate - D6.1
Transmission 120kV and above
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
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<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
<u>Energy</u>		<u>Energy</u>	
1st 150 Hrs	\$0.11934	1st 150 Hrs	\$0.12674
Next 300 Hrs	\$0.01699	Next 300 Hrs	\$0.02439
Excess Hrs. Use	\$0.01121	Excess Hrs. Use	\$0.01861
Off-Peak Discount	(\$0.003)	Off-Peak Discount	(\$0.003)
Voltage Discount	(\$0.0015)	Voltage Discount	(\$0.0015)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge	\$275	Service Charge	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$1.25	Demand	\$1.25
Energy	\$0.00701	Energy	\$0.00696
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000404

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) @ Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	10,000	500	@ 20%	\$339,516	\$341,536	\$2,021	0.60	6.83
2	10,000	500	@ 30%	\$341,016	\$343,036	\$2,021	0.59	6.86
3								
4	10,000	600	@ 20%	\$368,953	\$371,378	\$2,425	0.66	6.19
5	10,000	600	@ 25%	\$369,853	\$372,278	\$2,425	0.66	6.20
6								
7	10,000	700	@ 20%	\$398,391	\$401,220	\$2,829	0.71	5.73
8	10,000	700	@ 25%	\$399,441	\$402,270	\$2,829	0.71	5.75
9								
10	20,000	500	@ 20%	\$678,757	\$682,798	\$4,041	0.60	6.83
11	20,000	500	@ 30%	\$681,757	\$685,798	\$4,041	0.59	6.86
12								
13	20,000	600	@ 20%	\$737,632	\$742,481	\$4,849	0.66	6.19
14	20,000	600	@ 25%	\$739,432	\$744,281	\$4,849	0.66	6.20
15								
16	20,000	700	@ 20%	\$796,507	\$802,164	\$5,657	0.71	5.73
17	20,000	700	@ 25%	\$798,607	\$804,264	\$5,657	0.71	5.74
18								
19	50,000	500	@ 20%	\$1,696,479	\$1,706,582	\$10,103	0.60	6.83
20	50,000	500	@ 30%	\$1,703,979	\$1,714,082	\$10,103	0.59	6.86

Michigan Public Service Commission
The Detroit Edison Company
Transitional Primary Supply Rate - D7
Primary Less Than 24kV
Comparison of Present and Proposed Monthly Bills

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Witness: E. L. Falletich

<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$10.30	Power Supply Demand	\$10.30
Energy	\$0.02467	Energy	\$0.03207
Voltage Discount	\$0.00000	Voltage Discount	\$0.00000
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000543	RARS	\$0.000543
Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$3.45	Demand	\$3.45
Energy	(\$0.00371)	Energy	(\$0.00376)
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000166

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) @ Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@ 30%	\$24,743	\$24,793	\$50	0.20	8.26
2	1,000	400	@ 30%	\$28,315	\$28,382	\$66	0.23	7.10
3	1,000	500	@ 25%	\$31,888	\$31,971	\$83	0.26	6.39
4	1,000	600	@ 25%	\$35,461	\$35,560	\$100	0.28	5.93
5								
6	5,000	300	@ 30%	\$122,614	\$122,863	\$249	0.20	8.19
7	5,000	400	@ 30%	\$140,477	\$140,809	\$332	0.24	7.04
8	5,000	500	@ 25%	\$158,340	\$158,755	\$415	0.26	6.35
9	5,000	600	@ 25%	\$176,203	\$176,701	\$498	0.28	5.89
10								
11	10,000	300	@ 30%	\$244,953	\$245,451	\$498	0.20	8.18
12	10,000	400	@ 30%	\$280,679	\$281,343	\$664	0.24	7.03
13	10,000	500	@ 25%	\$316,405	\$317,236	\$831	0.26	6.34
14	10,000	600	@ 25%	\$352,131	\$353,128	\$997	0.28	5.89
15								
16	50,000	300	@ 30%	\$1,223,665	\$1,226,157	\$2,492	0.20	8.17
17	50,000	400	@ 30%	\$1,402,295	\$1,405,617	\$3,322	0.24	7.03
18	50,000	500	@ 25%	\$1,580,925	\$1,585,078	\$4,153	0.26	6.34
19	50,000	600	@ 25%	\$1,759,555	\$1,764,538	\$4,983	0.28	5.88

Michigan Public Service Commission
The Detroit Edison Company
Transitional Primary Supply Rate - D7
Subtransmission 24 to 41.6kV
Comparison of Present and Proposed Monthly Bills

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<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$10.30	Power Supply Demand	\$10.30
Energy	\$0.02467	Energy	\$0.03207
Voltage Discount	(\$0.001)	Voltage Discount	(\$0.001)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000543	RARS	\$0.000543
Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$2.35	Demand	\$2.35
Energy	(\$0.00371)	Energy	(\$0.00376)
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000166

Line No.	(A) Monthly kW Demand	(B) Hours Use		(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@	30%	\$23,343	\$23,393	\$50	0.21	7.80
2	1,000	400	@	30%	\$26,815	\$26,882	\$66	0.25	6.72
3	1,000	500	@	25%	\$30,288	\$30,371	\$83	0.27	6.07
4	1,000	600	@	25%	\$33,761	\$33,860	\$100	0.30	5.64
5									
6	5,000	300	@	30%	\$115,614	\$115,863	\$249	0.22	7.72
7	5,000	400	@	30%	\$132,977	\$133,309	\$332	0.25	6.67
8	5,000	500	@	25%	\$150,340	\$150,755	\$415	0.28	6.03
9	5,000	600	@	25%	\$167,703	\$168,201	\$498	0.30	5.61
10									
11	10,000	300	@	30%	\$230,953	\$231,451	\$498	0.22	7.72
12	10,000	400	@	30%	\$265,679	\$266,343	\$664	0.25	6.66
13	10,000	500	@	25%	\$300,405	\$301,236	\$831	0.28	6.02
14	10,000	600	@	25%	\$335,131	\$336,128	\$997	0.30	5.60
15									
16	50,000	300	@	30%	\$1,153,665	\$1,156,157	\$2,492	0.22	7.71
17	50,000	400	@	30%	\$1,327,295	\$1,330,617	\$3,322	0.25	6.65
18	50,000	500	@	25%	\$1,500,925	\$1,505,078	\$4,153	0.28	6.02
19	50,000	600	@	25%	\$1,674,555	\$1,679,538	\$4,983	0.30	5.60

Michigan Public Service Commission
The Detroit Edison Company
Transitional Primary Supply Rate - D7
Transmission 120kV and above
Comparison of Present and Proposed Monthly Bills

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<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$10.30	Power Supply Demand	\$10.30
Energy	\$0.02467	Energy	\$0.03207
Voltage Discount	(\$0.0015)	Voltage Discount	(\$0.0015)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000543	RARS	\$0.000543

Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$1.50	Demand	\$1.50
Energy	(\$0.00371)	Energy	(\$0.00376)
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000166

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) @ Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@ 30%	\$22,343	\$22,393	\$50	0.22	7.46
2	1,000	400	@ 30%	\$25,765	\$25,832	\$66	0.26	6.46
3	1,000	500	@ 25%	\$29,188	\$29,271	\$83	0.28	5.85
4	1,000	600	@ 25%	\$32,611	\$32,710	\$100	0.31	5.45
5								
6	5,000	300	@ 30%	\$110,614	\$110,863	\$249	0.23	7.39
7	5,000	400	@ 30%	\$127,727	\$128,059	\$332	0.26	6.40
8	5,000	500	@ 25%	\$144,840	\$145,255	\$415	0.29	5.81
9	5,000	600	@ 25%	\$161,953	\$162,451	\$498	0.31	5.42
10								
11	10,000	300	@ 30%	\$220,953	\$221,451	\$498	0.23	7.38
12	10,000	400	@ 30%	\$255,179	\$255,843	\$664	0.26	6.40
13	10,000	500	@ 25%	\$289,405	\$290,236	\$831	0.29	5.80
14	10,000	525	@ 25%	\$297,962	\$298,834	\$872	0.29	5.69
15								
16	50,000	300	@ 30%	\$1,103,665	\$1,106,157	\$2,492	0.23	7.37
17	50,000	400	@ 30%	\$1,274,795	\$1,278,117	\$3,322	0.26	6.39
18	50,000	500	@ 25%	\$1,445,925	\$1,450,078	\$4,153	0.29	5.80
19	50,000	600	@ 25%	\$1,617,055	\$1,622,038	\$4,983	0.31	5.41

Michigan Public Service Commission
The Detroit Edison Company
Interruptible Supply Rate - D8
Primary Less Than 24kV
Comparison of Present and Proposed Monthly Bills

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<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$8.46	Power Supply Demand	\$8.46
Product Protection	\$10.93	Product Protection	\$10.93
<u>Energy</u>		<u>Energy</u>	
On-Peak Rate	\$0.02364	On-Peak Rate	\$0.03104
Off-Peak Rate	\$0.02064	Off-Peak Rate	\$0.02804
Voltage Discount	\$0.00000	Voltage Discount	\$0.00000
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898
Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$3.50	Demand	\$3.50
Energy	\$0.00625	Energy	\$0.00620
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000554

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	50	300	@ 30%	\$1,541	1,550	\$8	0.54	10.33
2	50	400	@ 25%	\$1,753	1,764	\$11	0.63	8.82
3	50	500	@ 25%	\$1,967	1,981	\$14	0.70	7.92
4								
5	100	300	@ 30%	\$2,808	2,824	\$17	0.59	9.41
6	100	400	@ 25%	\$3,231	3,253	\$22	0.69	8.13
7	100	500	@ 25%	\$3,659	3,686	\$28	0.76	7.37
8								
9	500	300	@ 30%	\$12,939	13,022	\$83	0.64	8.68
10	500	400	@ 25%	\$15,054	15,165	\$111	0.74	7.58
11	500	500	@ 25%	\$17,193	17,331	\$139	0.81	6.93
12								
13	1,000	300	@ 30%	\$25,603	25,769	\$166	0.65	8.59
14	1,000	400	@ 25%	\$29,834	30,056	\$222	0.74	7.51
15	1,000	500	@ 25%	\$34,110	34,387	\$277	0.81	6.88
16								
17	5,000	300	@ 30%	\$126,913	127,745	\$832	0.66	8.52
18	5,000	400	@ 25%	\$148,069	149,178	\$1,109	0.75	7.46
19	5,000	500	@ 25%	\$169,450	170,836	\$1,386	0.82	6.83

Note: D8 Typical Bill format was modified from Detroit Edison filed format as follows:

1. The above bill comparison includes 20% product protection to better represent the total site bill versus only the interruptible portion.
2. The Hours-Use categories were changed to better reflect actual load characteristics

Michigan Public Service Commission
The Detroit Edison Company
Interruptible Supply Rate - D8
Subtransmission 24 to 41.6kV
Comparison of Present and Proposed Monthly Bills

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<u>Present Rate</u>		<u>Proposed Rate</u>	
Power Supply		Power Supply	
Power Supply Demand	\$8.46	Power Supply Demand	\$8.46
Product Protection	\$10.93	Product Protection	\$10.93
<u>Energy</u>		<u>Energy</u>	
On-Peak Rate	\$0.02364	On-Peak Rate	\$0.03104
Off-Peak Rate	\$0.02064	Off-Peak Rate	\$0.02804
Voltage Discount	(\$0.001)	Voltage Discount	(\$0.001)
Surcharges:		Surcharges:	
PSCR	\$0.00740	PSCR	\$0.00000
RARS	\$0.000898	RARS	\$0.000898

Distribution		Distribution	
Service Charge:	\$275	Service Charge:	\$275
Distribution Charges:		Distribution Charges:	
Demand	\$2.40	Demand	\$2.40
Energy	\$0.00625	Energy	\$0.00620
Substation Credit	\$0.00	Substation Credit	\$0.00
Surcharges:		Surcharges:	
NDS	\$0.00123	NDS	\$0.00123
SBC	\$0.00393	SBC	\$0.00393
SBTC	\$0.00121	SBTC	\$0.00121
Renewable Energy	\$0.05	Renewable Energy	\$0.05
Choice Implementation	\$0.0005	Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)	Rate Reduction Credit	
Distribution Rate Increase	\$0.0000	Distribution Rate Increase	\$0.000554

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Percent	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@ 30%	\$24,203	24,369	\$166	0.69	8.12
2	1,000	400	@ 25%	\$28,334	28,556	\$222	0.78	7.14
3	1,000	500	@ 25%	\$32,510	32,787	\$277	0.85	6.56
4								
5	5,000	300	@ 30%	\$119,913	120,745	\$832	0.69	8.05
6	5,000	400	@ 25%	\$140,569	141,678	\$1,109	0.79	7.08
7	5,000	500	@ 25%	\$161,450	162,836	\$1,386	0.86	6.51
8								
9	10,000	300	@ 30%	\$239,551	241,214	\$1,663	0.69	8.04
10	10,000	400	@ 25%	\$280,863	283,081	\$2,218	0.79	7.08
11	10,000	500	@ 25%	\$322,625	325,397	\$2,772	0.86	6.51
12								
13	50,000	300	@ 30%	\$1,196,655	1,204,971	\$8,316	0.69	8.03
14	50,000	400	@ 25%	\$1,403,215	1,414,303	\$11,088	0.79	7.07
15	50,000	500	@ 25%	\$1,612,025	1,625,885	\$13,860	0.86	6.50

Note: D8 Typical Bill format was modified from Detroit Edison filed format as follows:

1. The above bill comparison includes 20% product protection to better represent the total site bill versus only the interruptible portion.
2. The Hours-Use categories were changed to better reflect actual load characteristics

Michigan Public Service Commission
The Detroit Edison Company
Interruptible Supply Rate - D8
Transmission 120kV and above
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 45 of 56
Witness: E. L. Falletich

Present Rate

Power Supply

Power Supply Demand \$8.46
Product Protection \$10.93

Energy

On-Peak Rate \$0.02364
Off-Peak Rate \$0.02064
Voltage Discount (\$0.0015)

Surcharges:

PSCR \$0.00740
RARS \$0.000898

Proposed Rate

Power Supply

Power Supply Demand \$8.46
Product Protection \$10.93

Energy

On-Peak Rate \$0.03104
Off-Peak Rate \$0.02804
Voltage Discount (\$0.0015)

Surcharges:

PSCR \$0.00000
RARS \$0.000898

Distribution

Service Charge: \$275

Distribution Charges:

Demand \$1.55
Energy \$0.00625

Substation Credit \$0.00

Surcharges:

NDS \$0.00123
SBC \$0.00393
SBTC \$0.00121

Renewable Energy \$0.05

Choice Implementation \$0.0005

Rate Reduction Credit (\$0.00005)

Distribution Rate Increase \$0.0000

Distribution

Service Charge: \$275

Distribution Charges:

Demand \$1.55
Energy \$0.00620

Substation Credit \$0.00

Surcharges:

NDS \$0.00123
SBC \$0.00393
SBTC \$0.00121

Renewable Energy \$0.05

Choice Implementation \$0.0005

Rate Reduction Credit

Distribution Rate Increase \$0.000554

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) @	(D) Present Net Monthly Bill	(E) Proposed Net Monthly Bill	(F) Increase Amount	(G) Percent	(H) Proposed Unit Cost
1	1,000	300	@	\$23,203	23,369	\$166	0.72	7.79
2	1,000	400	@	\$27,284	27,506	\$222	0.81	6.88
3	1,000	500	@	\$31,410	31,687	\$277	0.88	6.34
4								
5	5,000	300	@	\$114,913	115,745	\$832	0.72	7.72
6	5,000	400	@	\$135,319	136,428	\$1,109	0.82	6.82
7	5,000	500	@	\$155,950	157,336	\$1,386	0.89	6.29
8								
9	10,000	300	@	\$229,551	231,214	\$1,663	0.72	7.71
10	10,000	400	@	\$270,363	272,581	\$2,218	0.82	6.81
11	10,000	500	@	\$311,625	314,397	\$2,772	0.89	6.29
12								
13	50,000	300	@	\$1,146,655	1,154,971	\$8,316	0.73	7.70
14	50,000	400	@	\$1,350,715	1,361,803	\$11,088	0.82	6.81
15	50,000	500	@	\$1,557,025	1,570,885	\$13,860	0.89	6.28

Note: D8 Typical Bill format was modified from Detroit Edison filed format as follows:

1. The above bill comparison includes 20% product protection to better represent the total site bill versus only the interruptible portion.
2. The Hours-Use categories were changed to better reflect actual load characteristics

Michigan Public Service Commission
The Detroit Edison Company
All Electric School Buildings Rate - D10
Comparison of Present and Proposed Monthly Bills
June Thru October

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 46 of 56
Witness: E. L. Falletich

Proposed Rate

Power Supply

Energy Charge \$0.06073
Surcharges:
PSCR \$0.00740
RARS \$0.000898

Proposed Rate

Power Supply

Energy Charge \$0.06813
Surcharges:
PSCR \$0.00000
RARS \$0.000898

Distribution

Service Charge \$108
Distribution Charge: \$0.02564
Surcharges:
NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit (\$0.00005)
Distribution Rate Increase \$0.00000

Distribution

Service Charge \$108
Distribution Charge: \$0.02559
Surcharges:
NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit
Distribution Rate Increase \$0.000864

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit
1	5,000	\$615.51	\$619.83	\$4.32	0.70	12.40
2	6,000	\$717.00	\$722.18	\$5.18	0.72	12.04
3	20,000	\$2,137.89	\$2,155.16	\$17.27	0.81	10.78
4	30,000	\$3,152.81	\$3,178.72	\$25.91	0.82	10.60
5	40,000	\$4,167.73	\$4,202.27	\$34.54	0.83	10.51
6	50,000	\$5,182.65	\$5,225.83	\$43.18	0.83	10.45
7	60,000	\$6,197.57	\$6,249.39	\$51.82	0.84	10.42
8	70,000	\$7,212.49	\$7,272.94	\$60.45	0.84	10.39
9	80,000	\$8,227.41	\$8,296.50	\$69.09	0.84	10.37
10	90,000	\$9,242.33	\$9,320.05	\$77.72	0.84	10.36
11	100,000	\$10,257.25	\$10,343.61	\$86.36	0.84	10.34
12	110,000	\$11,272.17	\$11,367.17	\$95.00	0.84	10.33
13	120,000	\$12,287.09	\$12,390.72	\$103.63	0.84	10.33
14	130,000	\$13,302.01	\$13,414.28	\$112.27	0.84	10.32
15	140,000	\$14,316.93	\$14,437.83	\$120.90	0.84	10.31

Michigan Public Service Commission
The Detroit Edison Company
All Electric School Buildings Rate - D10
Comparison of Present and Proposed Monthly Bills
November Thru May

Case No.: U-14838
Exhibit No.: DE-13
Schedule No.: E5
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Witness: E. L. Falletich

Proposed Rate

Power Supply

Energy Charge \$0.04403
Surcharges:
PSCR \$0.00740
RARS \$0.000898

Proposed Rate

Power Supply

Energy Charge \$0.05143
Surcharges:
PSCR \$0.00000
RARS \$0.000898

Distribution

Service Charge \$108.00
System Use Charge \$0.02564
Surcharges:
NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit (\$0.000050)
Distribution Rate Increase \$0.00000

Distribution

Service Charge \$108.00
System Use Charge \$0.02559
Surcharges:
NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit
Distribution Rate Increase \$0.000864

Line No.	(A) Monthly kWh Use	(B) Present Net Monthly Bill	(C) Proposed Net Monthly Bill	(D) Increase Amount	(E) Percent	(F) Proposed Unit Cost
1	10,000	\$955.97	\$964.61	\$8.64	0.90	9.65
2	12,000	\$1,125.55	\$1,135.92	\$10.36	0.92	9.47
3	40,000	\$3,499.73	\$3,534.27	\$34.54	0.99	8.84
4	60,000	\$5,195.57	\$5,247.39	\$51.82	1.00	8.75
5	80,000	\$6,891.41	\$6,960.50	\$69.09	1.00	8.70
6	100,000	\$8,587.25	\$8,673.61	\$86.36	1.01	8.67
7	120,000	\$10,283.09	\$10,386.72	\$103.63	1.01	8.66
8	140,000	\$11,978.93	\$12,099.83	\$120.90	1.01	8.64
9	160,000	\$13,674.77	\$13,812.95	\$138.18	1.01	8.63
10	180,000	\$15,370.61	\$15,526.06	\$155.45	1.01	8.63
11	200,000	\$17,066.45	\$17,239.17	\$172.72	1.01	8.62
12	220,000	\$18,762.29	\$18,952.28	\$189.99	1.01	8.61
13	240,000	\$20,458.13	\$20,665.39	\$207.26	1.01	8.61
14	260,000	\$22,153.97	\$22,378.51	\$224.54	1.01	8.61
15	280,000	\$23,849.81	\$24,091.62	\$241.81	1.01	8.60

Michigan Public Service Commission
The Detroit Edison Company
Alternative Metal Melting - Standard Contract Rider No. R1.1
Secondary Voltage Level
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06943
Excess Hrs. Use	\$0.04002
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.07683
Excess Hrs. Use	\$0.04742
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.02154
Excess Hrs. Use	\$0.01104

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.02149
Excess Hrs. Use	\$0.01099

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000510

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Percent	(G) Proposed Unit Cost
1	50	100	\$530.51	\$533.06	\$2.55	0.48	10.66
2	50	200	\$861.42	\$866.52	\$5.10	0.59	8.67
3	50	300	\$1,192.33	\$1,199.98	\$7.65	0.64	8.00
4	50	400	\$1,523.24	\$1,533.43	\$10.19	0.67	7.67
5	50	500	\$1,854.15	\$1,866.89	\$12.74	0.69	7.47
6	50	600	\$2,185.06	\$2,200.35	\$15.29	0.70	7.33
7	50	700	\$2,515.97	\$2,533.81	\$17.84	0.71	7.24
8							
9	500	100	\$5,304.65	\$5,330.14	\$25.48	0.48	10.66
10	500	200	\$8,613.75	\$8,664.72	\$50.97	0.59	8.66
11	500	300	\$11,922.85	\$11,999.31	\$76.45	0.64	8.00
12	500	400	\$15,231.95	\$15,333.89	\$101.94	0.67	7.67
13	500	500	\$18,541.05	\$18,668.48	\$127.42	0.69	7.47
14	500	600	\$21,850.15	\$22,003.06	\$152.91	0.70	7.33
15	500	700	\$25,159.25	\$25,337.65	\$178.40	0.71	7.24
16							
17	1000	100	\$10,609.25	\$10,660.22	\$50.97	0.48	10.66
18	1,000	200	\$17,227.45	\$17,329.39	\$101.94	0.59	8.66
19	1,000	300	\$23,845.65	\$23,998.56	\$152.91	0.64	8.00
20	1,000	400	\$30,463.85	\$30,667.73	\$203.88	0.67	7.67
21	1,000	500	\$37,082.05	\$37,336.90	\$254.85	0.69	7.47
22	1,000	600	\$43,700.25	\$44,006.07	\$305.82	0.70	7.33
23	1,000	700	\$50,318.45	\$50,675.24	\$356.79	0.71	7.24

Michigan Public Service Commission
The Detroit Edison Company
Alternative Metal Melting - Standard Contract Rider No. R1.1
Primary Less Than 24kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 49 of 56
Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06128
Excess Hrs. Use	\$0.03423
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06868
Excess Hrs. Use	\$0.04163
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01876
Excess Hrs. Use	\$0.00944

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01871
Excess Hrs. Use	\$0.00939

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000510

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	50	100	\$475.86	\$478.41	\$2.55	0.54	9.57
2	50	200	\$769.82	\$774.92	\$5.10	0.66	7.75
3	50	300	\$1,063.78	\$1,071.43	\$7.65	0.72	7.14
4	50	400	\$1,357.74	\$1,367.93	\$10.19	0.75	6.84
5	50	500	\$1,651.70	\$1,664.44	\$12.74	0.77	6.66
6	50	600	\$1,945.66	\$1,960.95	\$15.29	0.79	6.54
7	50	700	\$2,239.62	\$2,257.46	\$17.84	0.80	6.45
8							
9	500	100	\$4,758.15	\$4,783.64	\$25.48	0.54	9.57
10	500	200	\$7,697.75	\$7,748.72	\$50.97	0.66	7.75
11	500	300	\$10,637.35	\$10,713.81	\$76.45	0.72	7.14
12	500	400	\$13,576.95	\$13,678.89	\$101.94	0.75	6.84
13	500	500	\$16,516.55	\$16,643.98	\$127.42	0.77	6.66
14	500	600	\$19,456.15	\$19,609.06	\$152.91	0.79	6.54
15	500	700	\$22,395.75	\$22,574.15	\$178.40	0.80	6.45
16							
17	1,000	100	\$9,516.25	\$9,567.22	\$50.97	0.54	9.57
18	1,000	200	\$15,395.45	\$15,497.39	\$101.94	0.66	7.75
19	1,000	300	\$21,274.65	\$21,427.56	\$152.91	0.72	7.14
20	1,000	400	\$27,153.85	\$27,357.73	\$203.88	0.75	6.84
21	1,000	500	\$33,033.05	\$33,287.90	\$254.85	0.77	6.66
22	1,000	600	\$38,912.25	\$39,218.07	\$305.82	0.79	6.54
23	1,000	700	\$44,791.45	\$45,148.24	\$356.79	0.80	6.45
24							
25	5,000	100	\$47,581.05	\$47,835.90	\$254.85	0.54	9.57
26	5,000	200	\$76,977.05	\$77,486.75	\$509.70	0.66	7.75
27	5,000	300	\$106,373.05	\$107,137.60	\$764.55	0.72	7.14
28	5,000	400	\$135,769.05	\$136,788.45	\$1,019.40	0.75	6.84
29	5,000	500	\$165,165.05	\$166,439.30	\$1,274.25	0.77	6.66
30	5,000	600	\$194,561.05	\$196,090.15	\$1,529.10	0.79	6.54
31	5,000	700	\$223,957.05	\$225,741.00	\$1,783.95	0.80	6.45

Michigan Public Service Commission
The Detroit Edison Company
Alternative Metal Melting - Standard Contract Rider No. R1.1
Subtransmission 24 to 41.6kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06057
Excess Hrs. Use	\$0.03314
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06797
Excess Hrs. Use	\$0.04054
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01859
Excess Hrs. Use	\$0.00901

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01854
Excess Hrs. Use	\$0.00896

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000510

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Percent	(G) Proposed Unit Cost
1	50	100	\$471.46	\$474.01	\$2.55	0.54	9.48
2	50	200	\$757.82	\$762.92	\$5.10	0.67	7.63
3	50	300	\$1,044.18	\$1,051.83	\$7.65	0.73	7.01
4	50	400	\$1,330.54	\$1,340.73	\$10.19	0.77	6.70
5	50	500	\$1,616.90	\$1,629.64	\$12.74	0.79	6.52
6	50	600	\$1,903.26	\$1,918.55	\$15.29	0.80	6.40
7	50	700	\$2,189.62	\$2,207.46	\$17.84	0.81	6.31
8							
9	500	100	\$4,714.15	\$4,739.64	\$25.49	0.54	9.48
10	500	200	\$7,577.75	\$7,628.72	\$50.97	0.67	7.63
11	500	300	\$10,441.35	\$10,517.81	\$76.45	0.73	7.01
12	500	400	\$13,304.95	\$13,406.89	\$101.94	0.77	6.70
13	500	500	\$16,168.55	\$16,295.98	\$127.42	0.79	6.52
14	500	600	\$19,032.15	\$19,185.06	\$152.91	0.80	6.40
15	500	700	\$21,895.75	\$22,074.15	\$178.40	0.81	6.31
16							
17	1,000	100	\$9,428.25	\$9,479.22	\$50.97	0.54	9.48
18	1,000	200	\$15,155.45	\$15,257.39	\$101.94	0.67	7.63
19	1,000	300	\$20,882.65	\$21,035.56	\$152.91	0.73	7.01
20	1,000	400	\$26,609.85	\$26,813.73	\$203.88	0.77	6.70
21	1,000	500	\$32,337.05	\$32,591.90	\$254.85	0.79	6.52
22	1,000	600	\$38,064.25	\$38,370.07	\$305.82	0.80	6.40
23	1,000	700	\$43,791.45	\$44,148.24	\$356.79	0.81	6.31
24							
25	5,000	100	\$47,141.05	\$47,395.90	\$254.85	0.54	9.48
26	5,000	200	\$75,777.05	\$76,286.75	\$509.70	0.67	7.63
27	5,000	300	\$104,413.05	\$105,177.60	\$764.55	0.73	7.01
28	5,000	400	\$133,049.05	\$134,068.45	\$1,019.40	0.77	6.70
29	5,000	500	\$161,685.05	\$162,959.30	\$1,274.25	0.79	6.52
30	5,000	600	\$190,321.05	\$191,850.15	\$1,529.10	0.80	6.40
31	5,000	700	\$218,957.05	\$220,741.00	\$1,783.95	0.81	6.31
25	10,000	100	\$94,282.05	\$94,791.75	\$509.70	0.54	9.48
25	10,000	200	\$151,554.05	\$152,573.45	\$1,019.40	0.67	7.63
25	10,000	300	\$208,826.05	\$210,355.15	\$1,529.10	0.73	7.01
25	10,000	400	\$266,098.05	\$268,136.85	\$2,038.80	0.77	6.70
25	10,000	500	\$323,370.05	\$325,918.55	\$2,548.50	0.79	6.52
25	10,000	600	\$380,642.05	\$383,700.25	\$3,058.20	0.80	6.40
25	10,000	700	\$437,914.05	\$441,481.95	\$3,567.90	0.81	6.31

Michigan Public Service Commission
The Detroit Edison Company
Alternative Metal Melting - Standard Contract Rider No. R1.1
Transmission 120kV and above
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 51 of 56
Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.05928
Excess Hrs. Use	\$0.03261
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06668
Excess Hrs. Use	\$0.04001
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01837
Excess Hrs. Use	\$0.00902

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01832
Excess Hrs. Use	\$0.00897

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000510

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	50	100	\$463.91	\$466.46	\$2.55	0.55	9.33
2	50	200	\$747.67	\$752.77	\$5.10	0.68	7.53
3	50	300	\$1,031.43	\$1,039.08	\$7.65	0.74	6.93
4	50	400	\$1,315.19	\$1,325.38	\$10.19	0.78	6.63
5	50	500	\$1,598.95	\$1,611.69	\$12.74	0.80	6.45
6	50	600	\$1,882.71	\$1,898.00	\$15.29	0.81	6.33
7	50	700	\$2,166.47	\$2,184.31	\$17.84	0.82	6.24
8							
9	500	100	\$4,638.65	\$4,664.14	\$25.48	0.55	9.33
10	500	200	\$7,476.25	\$7,527.22	\$50.97	0.68	7.53
11	500	300	\$10,313.85	\$10,390.31	\$76.45	0.74	6.93
12	500	400	\$13,151.45	\$13,253.39	\$101.94	0.78	6.63
13	500	500	\$15,989.05	\$16,116.48	\$127.42	0.80	6.45
14	500	600	\$18,826.65	\$18,979.56	\$152.91	0.81	6.33
15	500	700	\$21,664.25	\$21,842.65	\$178.40	0.82	6.24
16							
17	1,000	100	\$9,277.25	\$9,328.22	\$50.97	0.55	9.33
18	1,000	200	\$14,952.45	\$15,054.39	\$101.94	0.68	7.53
19	1,000	300	\$20,627.65	\$20,780.56	\$152.91	0.74	6.93
20	1,000	400	\$26,302.85	\$26,506.73	\$203.88	0.78	6.63
21	1,000	500	\$31,978.05	\$32,232.90	\$254.85	0.80	6.45
22	1,000	600	\$37,653.25	\$37,959.07	\$305.82	0.81	6.33
23	1,000	700	\$43,328.45	\$43,685.24	\$356.79	0.82	6.24
24							
25	5,000	100	\$46,386.05	\$46,640.90	\$254.85	0.55	9.33
26	5,000	200	\$74,762.05	\$75,271.75	\$509.70	0.68	7.53
27	5,000	300	\$103,138.05	\$103,902.60	\$764.55	0.74	6.93
28	5,000	400	\$131,514.05	\$132,533.45	\$1,019.40	0.78	6.63
29	5,000	500	\$159,890.05	\$161,164.30	\$1,274.25	0.80	6.45
30	5,000	600	\$188,266.05	\$189,795.15	\$1,529.10	0.81	6.33
31	5,000	700	\$216,642.05	\$218,426.00	\$1,783.95	0.82	6.24
25	10,000	100	\$92,772.05	\$93,281.75	\$509.70	0.55	9.33
25	10,000	200	\$149,524.05	\$150,543.45	\$1,019.40	0.68	7.53
25	10,000	300	\$206,276.05	\$207,805.15	\$1,529.10	0.74	6.93
25	10,000	400	\$263,028.05	\$265,066.85	\$2,038.80	0.78	6.63
25	10,000	500	\$319,780.05	\$322,328.55	\$2,548.50	0.80	6.45
25	10,000	600	\$376,532.05	\$379,590.25	\$3,058.20	0.81	6.33
25	10,000	700	\$433,284.05	\$436,851.95	\$3,567.90	0.82	6.24

Michigan Public Service Commission
The Detroit Edison Company
Electric Process Heat - Standard Contract Rider No. R1.2
Secondary Voltage Level
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
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Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use \$0.06943
Excess Hrs. Use \$0.04002

Surcharges:

PSCR \$0.00740
RARS \$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use \$0.07683
Excess Hrs. Use \$0.04742

Surcharges:

PSCR \$0.00000
RARS \$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use \$0.02154
Excess Hrs. Use \$0.01104

Surcharges:

NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit (\$0.00005)
Distribution Rate Increase \$0.00000

Distribution

Distribution Charges:

1st 100 Hrs. Use \$0.02149
Excess Hrs. Use \$0.01099

Surcharges:

NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit
Distribution Rate Increase \$0.000488

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Percent	(G) Proposed Unit Cost
1	50	100	\$530.51	\$532.95	\$2.44	0.46	10.66
2	50	200	\$861.42	\$866.30	\$4.88	0.57	8.66
3	50	300	\$1,192.33	\$1,199.65	\$7.32	0.61	8.00
4	50	400	\$1,523.24	\$1,532.99	\$9.75	0.64	7.66
5	50	500	\$1,854.15	\$1,866.34	\$12.19	0.66	7.47
6	50	600	\$2,185.06	\$2,199.69	\$14.63	0.67	7.33
7	50	700	\$2,515.97	\$2,533.04	\$17.07	0.68	7.24
8							
9	500	100	\$5,304.65	\$5,329.04	\$24.38	0.46	10.66
10	500	200	\$8,613.75	\$8,662.52	\$48.77	0.57	8.66
11	500	300	\$11,922.85	\$11,996.01	\$73.16	0.61	8.00
12	500	400	\$15,231.95	\$15,329.49	\$97.54	0.64	7.66
13	500	500	\$18,541.05	\$18,662.98	\$121.92	0.66	7.47
14	500	600	\$21,850.15	\$21,996.46	\$146.31	0.67	7.33
15	500	700	\$25,159.25	\$25,329.95	\$170.70	0.68	7.24
16							
17	1000	100	\$10,609.25	\$10,658.02	\$48.77	0.46	10.66
18	1,000	200	\$17,227.45	\$17,324.99	\$97.54	0.57	8.66
19	1,000	300	\$23,845.65	\$23,991.96	\$146.31	0.61	8.00
20	1,000	400	\$30,463.85	\$30,658.93	\$195.08	0.64	7.66
21	1,000	500	\$37,082.05	\$37,325.90	\$243.85	0.66	7.47
22	1,000	600	\$43,700.25	\$43,992.87	\$292.62	0.67	7.33
23	1,000	700	\$50,318.45	\$50,659.84	\$341.39	0.68	7.24

Michigan Public Service Commission
The Detroit Edison Company
Electric Process Heat - Standard Contract Rider No. R1.2
Primary Less Than 24kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 53 of 56
Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06128
Excess Hrs. Use	\$0.03423
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06868
Excess Hrs. Use	\$0.04163
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01876
Excess Hrs. Use	\$0.00944

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01871
Excess Hrs. Use	\$0.00939

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000488

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	50	100	\$475.86	\$478.30	\$2.44	0.51	9.57
2	50	200	\$769.82	\$774.70	\$4.88	0.63	7.75
3	50	300	\$1,063.78	\$1,071.10	\$7.32	0.69	7.14
4	50	400	\$1,357.74	\$1,367.49	\$9.75	0.72	6.84
5	50	500	\$1,651.70	\$1,663.89	\$12.19	0.74	6.66
6	50	600	\$1,945.66	\$1,960.29	\$14.63	0.75	6.53
7	50	700	\$2,239.62	\$2,256.69	\$17.07	0.76	6.45
8							
9	500	100	\$4,758.15	\$4,782.54	\$24.38	0.51	9.57
10	500	200	\$7,697.75	\$7,746.52	\$48.77	0.63	7.75
11	500	300	\$10,637.35	\$10,710.51	\$73.16	0.69	7.14
12	500	400	\$13,576.95	\$13,674.49	\$97.54	0.72	6.84
13	500	500	\$16,516.55	\$16,638.48	\$121.92	0.74	6.66
14	500	600	\$19,456.15	\$19,602.46	\$146.31	0.75	6.53
15	500	700	\$22,395.75	\$22,566.45	\$170.70	0.76	6.45
16							
17	1,000	100	\$9,516.25	\$9,565.02	\$48.77	0.51	9.57
18	1,000	200	\$15,395.45	\$15,492.99	\$97.54	0.63	7.75
19	1,000	300	\$21,274.65	\$21,420.96	\$146.31	0.69	7.14
20	1,000	400	\$27,153.85	\$27,348.93	\$195.08	0.72	6.84
21	1,000	500	\$33,033.05	\$33,276.90	\$243.85	0.74	6.66
22	1,000	600	\$38,912.25	\$39,204.87	\$292.62	0.75	6.53
23	1,000	700	\$44,791.45	\$45,132.84	\$341.39	0.76	6.45
24							
25	5,000	100	\$47,581.05	\$47,824.90	\$243.85	0.51	9.56
26	5,000	200	\$76,977.05	\$77,464.75	\$487.70	0.63	7.75
27	5,000	300	\$106,373.05	\$107,104.60	\$731.55	0.69	7.14
28	5,000	400	\$135,769.05	\$136,744.45	\$975.40	0.72	6.84
29	5,000	500	\$165,165.05	\$166,384.30	\$1,219.25	0.74	6.66
30	5,000	600	\$194,561.05	\$196,024.15	\$1,463.10	0.75	6.53
31	5,000	700	\$223,957.05	\$225,664.00	\$1,706.95	0.76	6.45

Michigan Public Service Commission
The Detroit Edison Company
Electric Process Heat - Standard Contract Rider No. R1.2
Subtransmission 24 to 41.6kV
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06057
Excess Hrs. Use	\$0.03314
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06797
Excess Hrs. Use	\$0.04054
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01859
Excess Hrs. Use	\$0.00901

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01854
Excess Hrs. Use	\$0.00896

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000488

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	50	100	\$471.46	\$473.90	\$2.44	0.52	9.48
2	50	200	\$757.82	\$762.70	\$4.88	0.64	7.63
3	50	300	\$1,044.18	\$1,051.50	\$7.32	0.70	7.01
4	50	400	\$1,330.54	\$1,340.29	\$9.75	0.73	6.70
5	50	500	\$1,616.90	\$1,629.09	\$12.19	0.75	6.52
6	50	600	\$1,903.26	\$1,917.89	\$14.63	0.77	6.39
7	50	700	\$2,189.62	\$2,206.69	\$17.07	0.78	6.30
8							
9	500	100	\$4,714.15	\$4,738.54	\$24.39	0.52	9.48
10	500	200	\$7,577.75	\$7,626.52	\$48.77	0.64	7.63
11	500	300	\$10,441.35	\$10,514.51	\$73.16	0.70	7.01
12	500	400	\$13,304.95	\$13,402.49	\$97.54	0.73	6.70
13	500	500	\$16,168.55	\$16,290.48	\$121.93	0.75	6.52
14	500	600	\$19,032.15	\$19,178.46	\$146.31	0.77	6.39
15	500	700	\$21,895.75	\$22,066.45	\$170.70	0.78	6.30
16							
17	1,000	100	\$9,428.25	\$9,477.02	\$48.77	0.52	9.48
18	1,000	200	\$15,155.45	\$15,252.99	\$97.54	0.64	7.63
19	1,000	300	\$20,882.65	\$21,028.96	\$146.31	0.70	7.01
20	1,000	400	\$26,609.85	\$26,804.93	\$195.08	0.73	6.70
21	1,000	500	\$32,337.05	\$32,580.90	\$243.85	0.75	6.52
22	1,000	600	\$38,064.25	\$38,356.87	\$292.62	0.77	6.39
23	1,000	700	\$43,791.45	\$44,132.84	\$341.39	0.78	6.30
24							
25	5,000	100	\$47,141.05	\$47,384.90	\$243.85	0.52	9.48
26	5,000	200	\$75,777.05	\$76,264.75	\$487.70	0.64	7.63
27	5,000	300	\$104,413.05	\$105,144.60	\$731.55	0.70	7.01
28	5,000	400	\$133,049.05	\$134,024.45	\$975.40	0.73	6.70
29	5,000	500	\$161,685.05	\$162,904.30	\$1,219.25	0.75	6.52
30	5,000	600	\$190,321.05	\$191,784.15	\$1,463.10	0.77	6.39
31	5,000	700	\$218,957.05	\$220,664.00	\$1,706.95	0.78	6.30
25	10,000	100	\$94,282.05	\$94,769.75	\$487.70	0.52	9.48
25	10,000	200	\$151,554.05	\$152,529.45	\$975.40	0.64	7.63
25	10,000	300	\$208,826.05	\$210,289.15	\$1,463.10	0.70	7.01
25	10,000	400	\$266,098.05	\$268,048.85	\$1,950.80	0.73	6.70
25	10,000	500	\$323,370.05	\$325,808.55	\$2,438.50	0.75	6.52
25	10,000	600	\$380,642.05	\$383,568.25	\$2,926.20	0.77	6.39
25	10,000	700	\$437,914.05	\$441,327.95	\$3,413.90	0.78	6.30

Michigan Public Service Commission
The Detroit Edison Company
Electric Process Heat - Standard Contract Rider No. R1.2
Transmission 120kV and above
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
Page 55 of 56
Witness: E. L. Falletich

Present Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.05928
Excess Hrs. Use	\$0.03261
Surcharges:	
PSCR	\$0.00740
RARS	\$0.000898

Proposed Rates

Power Supply

Energy

1st 100 Hrs. Use	\$0.06668
Excess Hrs. Use	\$0.04001
Surcharges:	
PSCR	\$0.00000
RARS	\$0.000898

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01837
Excess Hrs. Use	\$0.00902

Distribution

Distribution Charges:

1st 100 Hrs. Use	\$0.01832
Excess Hrs. Use	\$0.00897

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	(\$0.00005)
Distribution Rate Increase	\$0.00000

Surcharges:

NDS	\$0.001234
SBC	\$0.00393
SBTC	\$0.00121
Renewable Energy	\$0.05
Choice Implementation	\$0.0005
Rate Reduction Credit	
Distribution Rate Increase	\$0.000488

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Increase Percent	(G) Proposed Unit Cost
1	50	100	\$463.91	\$466.35	\$2.44	0.53	9.33
2	50	200	\$747.67	\$752.55	\$4.88	0.65	7.53
3	50	300	\$1,031.43	\$1,038.75	\$7.32	0.71	6.92
4	50	400	\$1,315.19	\$1,324.94	\$9.75	0.74	6.62
5	50	500	\$1,598.95	\$1,611.14	\$12.19	0.76	6.44
6	50	600	\$1,882.71	\$1,897.34	\$14.63	0.78	6.32
7	50	700	\$2,166.47	\$2,183.54	\$17.07	0.79	6.24
8							
9	500	100	\$4,638.65	\$4,663.04	\$24.38	0.53	9.33
10	500	200	\$7,476.25	\$7,525.02	\$48.77	0.65	7.53
11	500	300	\$10,313.85	\$10,387.01	\$73.16	0.71	6.92
12	500	400	\$13,151.45	\$13,248.99	\$97.54	0.74	6.62
13	500	500	\$15,989.05	\$16,110.98	\$121.92	0.76	6.44
14	500	600	\$18,826.65	\$18,972.96	\$146.31	0.78	6.32
15	500	700	\$21,664.25	\$21,834.95	\$170.70	0.79	6.24
16							
17	1,000	100	\$9,277.25	\$9,326.02	\$48.77	0.53	9.33
18	1,000	200	\$14,952.45	\$15,049.99	\$97.54	0.65	7.52
19	1,000	300	\$20,627.65	\$20,773.96	\$146.31	0.71	6.92
20	1,000	400	\$26,302.85	\$26,497.93	\$195.08	0.74	6.62
21	1,000	500	\$31,978.05	\$32,221.90	\$243.85	0.76	6.44
22	1,000	600	\$37,653.25	\$37,945.87	\$292.62	0.78	6.32
23	1,000	700	\$43,328.45	\$43,669.84	\$341.39	0.79	6.24
24							
25	5,000	100	\$46,386.05	\$46,629.90	\$243.85	0.53	9.33
26	5,000	200	\$74,762.05	\$75,249.75	\$487.70	0.65	7.52
27	5,000	300	\$103,138.05	\$103,869.60	\$731.55	0.71	6.92
28	5,000	400	\$131,514.05	\$132,489.45	\$975.40	0.74	6.62
29	5,000	500	\$159,890.05	\$161,109.30	\$1,219.25	0.76	6.44
30	5,000	600	\$188,266.05	\$189,729.15	\$1,463.10	0.78	6.32
31	5,000	700	\$216,642.05	\$218,349.00	\$1,706.95	0.79	6.24
25	10,000	100	\$92,772.05	\$93,259.75	\$487.70	0.53	9.33
25	10,000	200	\$149,524.05	\$150,499.45	\$975.40	0.65	7.52
25	10,000	300	\$206,276.05	\$207,739.15	\$1,463.10	0.71	6.92
25	10,000	400	\$263,028.05	\$264,978.85	\$1,950.80	0.74	6.62
25	10,000	500	\$319,780.05	\$322,218.55	\$2,438.50	0.76	6.44
25	10,000	600	\$376,532.05	\$379,458.25	\$2,926.20	0.78	6.32
25	10,000	700	\$433,284.05	\$436,697.95	\$3,413.90	0.79	6.24

Michigan Public Service Commission
The Detroit Edison Company
Interruptible Supply Rider - Standard Contract Rider No. R10
Comparison of Present and Proposed Monthly Bills

Case No.: U-14838
Exhibit: DE-13
Schedule: E5
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Witness: E. L. Falletich

Present Rate

Power Supply

Capacity Charge \$0.01583
Hourly Power Supply Cost: \$0.04774

Voltage Level Service Adder:

Primary - 8% of HPSC \$0.00382
Subtransmission - 3% of HPSC \$0.00143
Transmission - 1% of HPSC \$0.00048

Surcharges:
RARS \$0.000898

Proposed Rate

Power Supply

Capacity Charge \$0.01583
Hourly Power Supply Cost: \$0.04774

Voltage Level Service Adder:

Primary - 8% of HPSC \$0.00382
Subtransmission - 3% of HPSC \$0.00143
Transmission - 1% of HPSC \$0.00048

Surcharges:
RARS \$0.000898

Distribution

Service Charge: \$275
Distribution Charges:
Primary \$3.45
Subtransmission \$2.29
Transmission \$1.47

Surcharges:
NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit (\$0.00005)
Distribution Rate Increase \$0.00000

Distribution

Service Charge: \$275
Distribution Charges:
Primary \$3.44
Subtransmission \$2.28
Transmission \$1.46

Surcharges:
NDS \$0.001234
SBC \$0.00393
SBTC \$0.00121
Renewable Energy \$0.05
Choice Implementation \$0.0005
Rate Reduction Credit
Distribution Rate Increase \$0.000368

Line No.	(A) Monthly kW Demand	(B) Hours Use	(C) Present Net Monthly Bill	(D) Proposed Net Monthly Bill	(E) Increase Amount	(F) Percent	(G) Proposed Unit Cost
Primary Less Than 24kV							
1	10,000	200	\$185,002	\$185,739	\$737	0.40	9.29
2	10,000	300	\$260,116	\$261,271	\$1,155	0.44	8.71
3	10,000	400	\$335,229	\$336,802	\$1,573	0.47	8.42
4	10,000	500	\$410,343	\$412,334	\$1,991	0.49	8.25
Subtransmission 24 to 41.6kV							
5	10,000	200	\$168,628	\$169,365	\$737	0.44	8.47
6	10,000	300	\$241,355	\$242,510	\$1,155	0.48	8.08
7	10,000	400	\$314,081	\$315,654	\$1,573	0.50	7.89
8	10,000	500	\$386,808	\$388,799	\$1,991	0.51	7.78
Transmission 120kV and Up							
9	10,000	200	\$158,519	\$159,255	\$737	0.46	7.96
10	10,000	300	\$230,290	\$231,445	\$1,155	0.50	7.71
11	10,000	400	\$302,062	\$303,635	\$1,573	0.52	7.59
12	10,000	500	\$373,834	\$375,825	\$1,992	0.53	7.52

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The Detroit Edison Company
Case No. U-14838
Revenue Calculations by Rate Schedule

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Residential Service Rate - D1

Case No.: U-14838
Exhibit: DE-13
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Description	Billing Determinants	Present		Proposed	
No.	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Min.Ch. 2 KWH/Day	47,399 Cust.	\$0.0906	1,567	\$0.1054	1,823
2	Sales Applied to Min.	36,568 MWh				
3	Service Charge	1,870,665 Cust.				
4						
5	Power Supply Charges					
6	First 17 KWH/Day	9,835,846 MWh	\$0.04531	445,662	\$0.05271	518,457
7	Excess	4,592,065 MWh	\$0.05941	272,815	\$0.06681	306,801
8	Power Supply Subtotal	14,464,479 MWh		720,044		827,081
9						
10	PSCR	14,464,479 MWh	\$0.00740	107,037	\$0.00000	0
11	RARS	14,464,479 MWh	\$0.002274	32,892	\$0.002274	32,892
12	Total Full Service Power Supply	14,464,479 MWh	5.95¢	859,973	5.95¢	859,973
13						
14	Full Service Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
15						
16	Min.Ch. 2 KWH/Day	47,399 Cust.	\$0.0857	1,483	\$0.0856	1,481
17	Sales Applied to Min.	36,568 MWh				
18	Service Charge	1,870,665 Cust.				
19						
20	Distribution Charge	14,427,911 MWh	\$0.04284	618,092	\$0.04279	617,371
21	Distribution System	14,464,479 MWh	4.28¢	619,575	4.28¢	618,852
22						
23	Nuclear Decomm.	14,464,479 MWh	\$0.001234	17,849	\$0.001234	17,849
24	Secur. Bond	14,464,479 MWh	\$0.00393	56,845	\$0.00393	56,845
25	Secur. Bond Tax	14,464,479 MWh	\$0.00121	17,502	\$0.00121	17,502
26	Renewable Energy	1,870,665 Meter	\$0.05	1,122	\$0.05	1,122
27	Choice Implementation	14,464,479 MWh	0.0005	7,232	\$0.0005	7,232
28	Rate Reduction Credit	14,464,479 MWh	-0.00005	(723)	\$0.00000	0
29	Distribution Subtotal	14,464,479 MWh	4.97¢	719,402	4.97¢	719,402
30						
31	Distribution Rate Increase	14,464,479 MWh	\$0.00000	0	\$0.001271	18,387
32	Total Full Service Distribution		4.97¢	719,402	5.10¢	737,789
33	Total Full Service	14,464,479 MWh	10.92¢	1,579,375	11.05¢	1,597,762
34						
35	Choice Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
36						
37	Min.Ch. 2 KWH/Day	0 Cust.	\$0.0857	0	\$0.0856	0
38	Sales Applied to Min.	0 MWh				
39	Service Charge	0 Cust.				
40						
41	Distribution Charge	0 MWh	\$0.04284	0	\$0.04279	0
42	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
43						
44	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
45	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
46	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
47	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
48	Choice Implementation	0 MWh	0.0005	0	0.0005	0
49	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.00000	0
50	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
51						
52	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001271	0
53	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
54						
55	Total	14,464,479 MWh	10.92¢	1,579,375	11.05¢	1,597,762
56	Increase/Decrease (\$)					18,387

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Residential Farm Service Provision - D1a

Case No.: U-14838
Exhibit: DE-13
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	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Billing Determinants	Present		Proposed	
	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1						
2	Energy	35,284 MWh	\$0.05118	1,806	\$0.05858	2,067
3						
4	PSCR	35,284 MWh	\$0.00740	261	\$0.00000	0
5	RARS	35,284 MWh	\$0.002274	80	\$0.002274	80
6	Total Power Supply	35,284 MWh	6.08¢	2,147	6.08¢	2,147
7						
8	Full Service Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
9						
10	Service Charge	1,722 Cust.	\$0.124	78	\$0.124	78
11						
12	Distribution Charge	35,284 MWh	\$0.04102	1,447	\$0.04097	1,445
13						
14	Distribution System	35,284 MWh	4.32¢	1,525	4.32¢	1,523
15						
16	Nuclear Decomm.	35,284 MWh	\$0.001234	44	\$0.001234	44
17	Secur. Bond	35,284 MWh	\$0.00393	139	\$0.00393	139
18	Secur. Bond Tax	35,284 MWh	\$0.00121	43	\$0.00121	43
19	Renewable Energy	1,722 Meter	\$0.05	1	\$0.05	1
20	Choice Implementation	35,284 MWh	\$0.0005	18	\$0.0005	18
21	Rate Reduction Credit	35,284 MWh	-0.00005	(2)	\$0.0000	0
22	Distribution Subtotal	35,284 MWh	5.01¢	1,768	5.01¢	1,768
23						
24	Distribution Rate Increase	35,284 MWh	\$0.00000	0	\$0.001281	45
25	Total Full Service Distribution	35,284 MWh	5.01¢	1,768	5.14¢	1,813
26	Total Full-Service	35,284 MWh	11.10¢	3,915	11.22¢	3,960
27						
28						
29	Choice Distribution	Quantity Units	Rate	Revenue	Revenue	
30						
31	Service Charge	0 Cust.	\$0.124	0	\$0.124	0
32						
33	Distribution Energy	0 MWh	\$0.04102	0	\$0.04097	0
34	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
35						
36	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
37	Secur. Bond	0 MWh	\$0.00336	0	\$0.00336	0
38	Secur. Bond Tax	0 MWh	\$0.00088	0	\$0.00088	0
39	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
40	Choice Implementation	0 MWh	\$0.0005	0	\$0.0005	0
41	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.0000	0
42	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
43						
44	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001281	0
45	Total Distribution		#DIV/0!	0	#DIV/0!	0
46						
47	Total	35,284 MWh	11.10¢	3,915	11.22¢	3,960
48	Increase/Decrease (\$)					45

The Detroit Edison Company
U-14838 Present and Proposed Revenue

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Interruptible Space-Conditioning Service Rate - D1.1 Residential

Line No.	(a) Description	(b) Billing Determinants	(c) Present	(d) Present	(e) Proposed	(f) Proposed
	Full Service Power Supply	Quantity Units	Rate Revenue		Rate Revenue	
				(\$000)		(\$000)
1	Summer Energy	427,355 MWh	\$0.03800	16,239	\$0.04540	19,402
2						
3	Winter Energy	22,493 MWh	\$0.02000	450	\$0.02740	616
4						
5	PSCR	449,848 MWh	\$0.00740	3,329	\$0.00000	0
6	RARS	449,848 MWh	\$0.002274	1,023	\$0.002274	1,023
7	Total Full Service Power Supply	449,848 MWh	4.68¢	21,041	4.68¢	21,041
8						
9	Full-Service Distribution					
10		Customers Months				
11	Service Charge	291,174 5 Mos.	\$1.95	2,839	\$1.95	2,839
12						
13	Distribution Charge	449,848 MWh	\$0.03722	16,743	\$0.03717	16,721
14	Distribution System	449,848 MWh	4.35¢	19,582	4.35¢	19,560
15						
16	Nuclear Decomm.	449,848 MWh	\$0.001234	555	\$0.001234	555
17	Secur. Bond	449,848 MWh	\$0.00393	1,768	\$0.00393	1,768
18	Secur. Bond Tax	449,848 MWh	\$0.00121	544	\$0.00121	544
19	Renewable Energy	291,174 Meter	\$0.05	175	\$0.05	175
20	Choice Implementation	449,848 MWh	\$0.0005	225	\$0.0005	225
21	Rate Reduction Credit	449,848 MWh	-0.00005	(22)	\$0.0000	0
22	Distribution Subtotal	449,848 MWh	5.07¢	22,827	5.07¢	22,827
23						
24	Distribution Rate Increase	449,848 MWh	\$0.00000	0	\$0.001297	583
25	Total Full Service Distribution	449,848 MWh	5.07¢	22,827	5.20¢	23,410
26	Total Full-Service	449,848 MWh	9.75¢	43,868	9.88¢	44,451
27						
28	Choice Distribution		Rate Revenue		Rate Revenue	
29				(\$000)		(\$000)
30	Service Charge	0 5 Mos.	\$1.95	0	\$1.95	0
31						
32	Distribution Energy	0 MWh	\$0.03722	0	\$0.03717	0
33	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
34						
35	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
36	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
37	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
38	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
39	Choice Implementation	0 MWh	\$0.0005	0	\$0.0005	0
40	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.0000	0
41	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
42						
43	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001297	0
44	Total Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
45						
46	Total	449,848 MWh	9.75¢	43,868	9.88¢	44,451
47	Increase/Decrease (\$)					583

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Residential Time of Day Service Rate - D1.2

Case No.: U-14838
Exhibit: DE-13
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
Line	Description	Billing Determinants		Present		Proposed	
No.	Full Service Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
1	Summer Energy						
2	On-Peak	134	MWh	\$0.08750	12	\$0.09490	13
3	Off-Peak	385	MWh	\$0.02100	8	\$0.02725	10
4							
5	Winter Energy						
6	On-Peak	149	MWh	\$0.07000	10	\$0.07740	12
7	Off-Peak	503	MWh	\$0.02025	10	\$0.02765	14
8							
9	PSCR	1,171	MWh	\$0.00740	9	\$0.00000	0
10	RARS	1,171	MWh	\$0.002274	3	\$0.002274	3
11	Total Power Supply	1,171	MWh	4.44¢	52	4.44¢	52
12							
13	Full Service Distribution						
14							
15	Service Charge	31	Cust.	\$19.00	7	\$19.00	7
16							
17	Distribution Energy	1,171	MWh	\$0.04359	51	\$0.04354	51
18	Distribution System	1,171	MWh	4.96¢	58	4.96¢	58
19							
20	Nuclear Decomm.	1,171	MWh	\$0.001234	1	\$0.001234	1
21	Secur. Bond	1,171	MWh	\$0.00393	5	\$0.00393	5
22	Secur. Bond Tax	1,171	MWh	\$0.00121	1	\$0.00121	1
23	Renewable Energy	31	Meter	\$0.05	0	\$0.05	0
24	Choice Implementation	1,171	MWh	\$0.0005	1	\$0.0005	1
25	Rate Reduction Credit	1,171	MWh	-0.00005	0	\$0.0000	0
26	Distribution Subtotal	1,171	MWh	5.64¢	66	5.64¢	66
27							
28	Distribution Rate Increase	1,171	MWh	\$0.00000	0	\$0.001441	2
29	Total Full Service Distribution	1,171	MWh	5.64¢	66	5.81¢	68
30	Total Full-Service	1,171	MWh	10.08¢	118	10.25¢	120
31							
32	Choice Distribution						
33							
34	Service Charge	0	Cust.	\$19.00	0	\$19.00	0
35							
36	Distribution Charge	0	MWh	\$0.04359	0	\$0.04354	0
37							
38	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
39							
40	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
41	Secur. Bond	0	MWh	\$0.00393	0	\$0.00393	0
42	Secur. Bond Tax	0	MWh	\$0.00121	0	\$0.00121	0
43	Renewable Energy		Meter	\$0.05	0	\$0.05	0
44	Choice Implementation		MWh	\$0.0005	0	\$0.0005	0
45	Rate Reduction Credit	0	MWh	-0.00005	0	\$0.0000	0
46	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
47							
48	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.001441	0
49	Total Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
50							
51	Total	1,171	MWh	10.08¢	118	10.25¢	120
52	Increase/Decrease (\$)						2

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Senior Citizens Residential Service Rate - D1.3

Case No.: U-14838
Exhibit: DE-13
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Witness: E. L. Falletich

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Full Service Power Supply					
2						
3	Min.Ch. 2 KWH/Day	1,097 Cust.	\$0.0626	25	\$0.0774	31
4	Sales Applied to Min.	1,813 MWh				
5	Service Charge	97,262 Cust.				
6						
7	Power Supply Charges					
8	First 10 KWH/Day	306,181 MWh	\$0.03131	9,586	\$0.03872	11,856
9	Excess	90,646 MWh	\$0.09883	8,958	\$0.10626	9,632
10	Space Heating	4,230 MWh	\$0.06168	261	\$0.06908	292
11						
12	PSCR	402,870 MWh	\$0.00740	2,981	\$0.00000	0
13	RARS	402,870 MWh	\$0.002274	916	\$0.002274	916
14	Total Power Supply	402,870 MWh	5.64¢	22,727	5.64¢	22,727
15						
16	Full Service Distribution					
17						
18	Min.Ch. 2 KWH/Day	1,097 Cust.	\$0.0541	22	\$0.0540	22
19	Sales Applied to Min.	1,813 MWh				
20	Service Charge	97,262 Cust.				
21						
22	Distribution Charge	402,870 MWh	\$0.02706	10,902	\$0.02701	10,882
23	Distribution System			10,924		10,904
24						
25	Nuclear Decomm.	402,870 MWh	\$0.001234	497	\$0.001234	497
26	Secur. Bond	402,870 MWh	\$0.00393	1,583	\$0.00393	1,583
27	Secur. Bond Tax	402,870 MWh	\$0.00121	487	\$0.00121	487
28	Renewable Energy	97,262 Meter	\$0.05	58	\$0.05	58
29	Choice Implementation	402,870 MWh	\$0.0005	201	\$0.0005	201
30	Rate Reduction Credit	402,870 MWh	-0.00005	(20)	\$0.0000	0
31	Distribution Subtotal	402,870 MWh	3.41¢	13,730	3.41¢	13,730
32						
33	Distribution Rate Increase	402,870 MWh	\$0.00000	0	\$0.000871	351
34	Total Full Service Distribution	402,870 MWh	3.41¢	13,730	3.50¢	14,081
35	Total Full Service	402,870 MWh	9.05¢	36,457	9.14¢	36,808
36						
37	Choice Distribution					
38	Min.Ch. 2 KWH/Day	0 Cust.	\$0.0541	0	\$0.0540	0
39	Sales Applied to Min.	0 MWh				
40	Service Charge	0 Cust.				
41						
42	Distribution Charge	0 MWh	\$0.02706	0	\$0.02701	0
43						
44	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
45	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
46	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
47	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
48	Choice Implementation	0 MWh	\$0.0005	0	\$0.0005	0
49	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.0000	0
50	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
51						
52	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.000871	0
53	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
54						
55	Total	402,870 MWh	9.05¢	36,457	9.14¢	36,808
56	Increase/Decrease (\$)					351

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Optional Residential Service Rate - D1.4

Case No.: U-14838
Exhibit: DE-13
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	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Billing Determinants		Present	Proposed	
	Power Supply	Quantity	Units	Rate Revenue (\$000)	Rate Revenue (\$000)	
1	Energy					
2	On-Peak	24,660	MWh	\$0.05428 1,339	\$0.06166 1,521	
3	Off-Peak	79,075	MWh	\$0.02236 1,768	\$0.02977 2,354	
4	Total	103,735	MWh	\$0.02995 3,107	\$0.03735 3,875	
5						
6	PSCR	103,735	MWh	\$0.00740 768	\$0.00000 0	
7	RARS	103,735	MWh	\$0.002274 236	\$0.002274 236	
8	Total Power Supply	103,735	MWh	3.96¢ 4,111	3.96¢ 4,111	
9						
10	Full Service Distribution	Quantity	Units			
11						
12	Service Charge	6,020	Cust.	\$6.51 470	\$6.51 470	
13						
14	Distribution Charge	103,735	MWh	\$0.04008 4,158	\$0.04003 4,153	
15	Distribution System	103,735	MWh	4.46¢ 4,628	4.46¢ 4,623	
16						
17	Nuclear Decomm.	103,735	MWh	\$0.001234 128	\$0.001234 128	
18	Secur. Bond	103,735	MWh	\$0.00393 408	\$0.00393 408	
19	Secur. Bond Tax	103,735	MWh	\$0.00121 126	\$0.00121 126	
20	Renewable Energy	6,020	Meter	\$0.05 4	\$0.05 4	
21	Choice Implementation	103,735	MWh	\$0.0005 52	\$0.0005 52	
22	Rate Reduction Credit	103,735	MWh	-0.00005 (5)	\$0.00000 0	
23	Distribution Subtotal	103,735	MWh	5.15¢ 5,341	5.15¢ 5,341	
24						
25	Distribution Rate Increase	103,735	MWh	\$0.00000 0	\$0.001316 137	
26	Total Distribution	103,735	MWh	5.15¢ 5,341	5.28¢ 5,478	
27	Total Full Service	103,735	MWh	9.11¢ 9,452	9.24¢ 9,589	
28						
29	Choice Distribution	Quantity	Units	Rate Revenue	Rate Revenue	
30						
31	Service Charge	0	Cust.	\$6.51 0	\$6.51 0	
32						
33	Distribution Charge	0	MWh	\$0.04008 0	\$0.04003 0	
34	Distribution System	0	MWh	#DIV/0! 0	#DIV/0! 0	
35						
36	Nuclear Decomm.	0	MWh	\$0.001234 0	\$0.001234 0	
37	Secur. Bond	0	MWh	\$0.00393 0	\$0.00393 0	
38	Secur. Bond Tax	0	MWh	\$0.00121 0	\$0.00121 0	
39	Renewable Energy	0	Meter	\$0.05 0	\$0.05 0	
40	Choice Implementation	0	MWh	\$0.0005 0	\$0.0005 0	
41	Rate Reduction Credit	0	MWh	-0.00005 0	\$0.0000 0	
42	Distribution Subtotal	0	MWh	#DIV/0! 0	#DIV/0! 0	
43						
44	Distribution Rate Increase	0	MWh	\$0.00000 0	\$0.001316 0	
45	Total Distribution	0	MWh	#DIV/0! 0	#DIV/0! 0	
46						
47	Total	103,735	MWh	9.11¢ 9,452	9.24¢ 9,589	
48	Increase/Decrease (\$)					137

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Residential Supplemental Space Heating Service Rate - D1.5

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Line No.	(a) Description	(b) Billing Determinants		(c) Present	(d)	(e) Proposed	(f)
		Quantity	Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply						
2	Energy	1,578	MWh	\$0.02885	46	\$0.03644	58
3	PSCR	1,578	MWh	\$0.00740	12	\$0.00000	0
4	RARS	1,578	MWh	\$0.002274	4	\$0.002274	4
5	Total Power Supply	1,578	MWh	3.93¢	62	3.93¢	62
7	Full Service Distribution						
8		Quantity	Units	Rate	Revenue	Rate	Revenue
9	Service Charge	439	Cust.	\$1.95	10	\$1.95	10
11	Distribution Charge	1,578	MWh	\$0.03922	62	\$0.03917	62
12	Distribution System	1,578	MWh	4.58¢	72	4.58¢	72
14	Nuclear Decomm.	1,578	MWh	\$0.001234	2	\$0.001234	2
16	Secur. Bond	1,578	MWh	\$0.00393	6	\$0.00393	6
17	Secur. Bond Tax	1,578	MWh	\$0.00121	2	\$0.00121	2
18	Renewable Energy	439	Meter	\$0.05	0	\$0.05	0
19	Choice Implementation	1,578	MWh	\$0.0005	1	\$0.0005	1
20	Rate Reduction Credit	1,578	MWh	-0.00005	0	\$0.00000	0
21	Distribution Subtotal	1,578	MWh	5.28¢	83	5.28¢	83
23	Distribution Rate Increase	1,578	MWh	\$0.00000	0	\$0.001344	2
24	Total Full Service Distribution	1,578	MWh	5.28¢	83	5.40¢	85
25	Total Full Service	1,578	MWh	9.21¢	145	9.33¢	147
27	Choice Distribution						
28		Quantity	Units	Rate	Revenue	Rate	Revenue
29	Service Charge	0	Cust.	\$1.95	0	\$1.95	0
31	Distribution Charge	0	MWh	\$0.03922	0	\$0.03917	0
32	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
34	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
36	Secur. Bond	0	MWh	\$0.00393	0	\$0.00393	0
37	Secur. Bond Tax	0	MWh	\$0.00121	0	\$0.00121	0
39	Renewable Energy	0	Meter	\$0.05	0	\$0.05	0
40	Choice Implementation	0	MWh	\$0.0005	0	\$0.0005	0
41	Rate Reduction Credit	0	MWh	-0.00005	0	\$0.00000	0
42	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
44	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.001344	0
45	Total Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
47	Total	1,578	MWh	9.21¢	145	9.33¢	147
48	Increase/Decrease (\$)						2

Space Conditioning Time of Day Service Rate - Residential D1.7

Line No.	(a) Description		(b) Billing Determinants		(c) Present		(d) Proposed	
	Power Supply		Quantity	Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Summer Energy							
2	On-Peak		3,519	MWh	\$0.07225	254	\$0.07943	279
3	Off-Peak		7,797	MWh	\$0.02000	156	\$0.02740	214
4								
5	Winter Energy							
6	On-Peak		9,819	MWh	\$0.02000	196	\$0.02740	269
7	Off-Peak		33,086	MWh	\$0.02000	662	\$0.02740	907
8								
9	PSCR		54,221	MWh	\$0.00740	401	\$0.00000	0
10	RARS		54,221	MWh	\$0.002274	123	\$0.002274	123
11	Total Power Supply		54,221	MWh	3.30¢	1,792	3.30¢	1,792
12								
13	Full Service Distribution							
14								
15	Service Charge (\$/day)		3,442	Cust.	\$0.067	84	\$0.067	84
16								
17	Distribution Charge		54,221	MWh	\$0.01728	937	\$0.01723	934
18	Distribution System		54,221	MWh	1.88¢	1,021	1.88¢	1,018
19								
20	Nuclear Decomm.		54,221	MWh	\$0.001234	67	\$0.001234	67
21	Secur. Bond		54,221	MWh	\$0.00393	213	\$0.00393	213
22	Secur. Bond Tax		54,221	MWh	\$0.00121	66	\$0.00121	66
23	Renewable Energy		3,442	Meter	\$0.05	2	\$0.05	2
24	Choice Implementation		54,221	MWh	\$0.0005	27	\$0.0005	27
25	Rate Reduction Credit		54,221	MWh	-0.00005	(3)	\$0.00000	0
26	Distribution Subtotal		54,221	MWh	2.57¢	1,393	2.57¢	1,393
27								
28	Distribution Rate Increase		54,221	MWh	\$0.00000	0	\$0.000657	36
29	Total Full Service Distribution		54,221	MWh	2.57¢	1,393	2.64¢	1,429
30	Total Full-Service		54,221	MWh	5.87¢	3,185	5.94¢	3,221
31								
32	Choice Distribution							
33								
34	Service Charge (\$/day)		0	Cust.	\$0.067	0	\$0.067	0
35								
36	Distribution Charge		0	MWh	\$0.01728	0	\$0.01723	0
37								
38	Distribution System		0	MWh	#DIV/0!	0	#DIV/0!	0
39								
40	Nuclear Decomm.		0	MWh	\$0.001234	0	\$0.001234	0
41	Secur. Bond		0	MWh	\$0.00393	0	\$0.00393	0
42	Secur. Bond Tax		0	MWh	\$0.00121	0	\$0.00121	0
43	Renewable Energy		0	Meter	\$0.05	0	\$0.05	0
44	Choice Implementation		0	MWh	\$0.0005	0	\$0.0005	0
45	Rate Reduction Credit		0	MWh	-0.00005	0	\$0.0000	0
46	Distribution Subtotal		0	MWh	#DIV/0!	0	#DIV/0!	0
47								
48	Distribution Rate Increase		0	MWh	\$0.00000	0	\$0.000657	0
49	Total Choice Distribution		0	MWh	#DIV/0!	0	#DIV/0!	0
50								
51	Total		54,221	MWh	5.87¢	3,185	5.94¢	3,221
52	Increase/Decrease (\$)							36

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Residential Space Heating Rate - D2

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 10 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Billing Determinants	Present		Proposed	
	Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Min.Ch. 2 KWH/Day	828 Cust.	\$0.0906	27	\$0.1054	32
2	Sales Applied to Min.	626 MWh				
3	Service Charge	30,728 Cust.				
4						
5	Power Supply Charges:					
6	Summer:					
7	First 17 KWH/Day	65,469 MWh	\$0.04531	2,966	\$0.05271	3,451
8	Excess	36,827 MWh	\$0.05941	2,188	\$0.06681	2,460
9						
10	Winter:					
11	First 20 KWH/Day	98,392 MWh	\$0.05298	5,213	\$0.06039	5,942
12	Excess	131,052 MWh	\$0.03625	4,751	\$0.04365	5,720
13						
14	PSCR	332,366 MWh	\$0.00740	2,460	\$0.00000	0
15	RARS	332,366 MWh	\$0.002274	756	\$0.002274	756
16	Total Power Supply	332,366 MWh	5.52¢	18,361	5.52¢	18,361
17						
18	Full Service Distribution					
19						
20	Min.Ch. 2 KWH/Day	828 Cust.	\$0.0838	25	\$0.0837	25
21	Sales Applied to Min.	626 MWh				
22	Service Charge	30,728 Cust.				
23						
24	Distribution Charge					
25	Summer:	102,296 MWh	\$0.04190	4,286	\$0.04185	4,281
26	Winter:	229,444 MWh	\$0.03399	7,799	\$0.03394	7,787
27	Distribution System	332,366 MWh	3.64¢	12,110	3.64¢	12,093
28						
29	Nuclear Decomm.	332,366 MWh	\$0.001234	410	\$0.001234	410
30	Secur. Bond	332,366 MWh	\$0.00393	1,306	\$0.00393	1,306
31	Secur. Bond Tax	332,366 MWh	\$0.00121	402	\$0.00121	402
32	Renewable Energy	30,728 Meter	\$0.05	18	\$0.05	18
33	Choice Implementation	332,366 MWh	\$0.0005	166	\$0.0005	166
34	Rate Reduction Credit	332,366 MWh	-0.00005	(17)	\$0.00000	0
35	Distribution Subtotal	332,366 MWh	4.33¢	14,395	4.33¢	14,395
36						
37	Distribution Rate Increase	332,366 MWh	\$0.00000	0	\$0.001107	368
38	Total Full Service Distribution	332,366 MWh	4.33¢	14,395	4.44¢	14,763
39	Total Full Service	332,366 MWh	9.86¢	32,756	9.97¢	33,124
40						
41	Choice Distribution					
42						
43	Min.Ch. 2 KWH/Day	0 Cust.	\$0.0680	0	\$0.0679	0
44	Sales Applied to Min.	0 MWh				
45	Service Charge	0 Cust.				
46						
47	Distribution Charge					
48	Summer:	0 MWh	\$0.04190	0	\$0.04185	0
49	Winter:	0 MWh	\$0.03399	0	\$0.03394	0
50						
51	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
52	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
53	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
54	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
55	Choice Implementation	0 MWh	\$0.0005	0	\$0.0005	0
56	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.0000	0
57	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
58						
59	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001107	0
60	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
61						
62	Total	332,366 MWh	9.86¢	32,756	9.97¢	33,124
63	Increase/Decrease (\$)					368

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Residential Space Heating Farm Service Provision - D2a

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 11 of 41
Witness: E. L. Falletich

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply					
2						
3	Energy:					
4	Farm	983 MWh	\$0.05118	50	\$0.05858	58
5	Winter Space Heating	1,084 MWh	\$0.04465	48	\$0.05195	56
6	Total Energy	2,067 MWh		99		114
7						
8	PSCR	2,067 MWh	\$0.00740	15	\$0.00000	0
9	RARS	2,067 MWh	\$0.002274	5	\$0.002274	5
10	Total Power Supply	2,067 MWh	5.74¢	119	5.76¢	119
11						
12	Full Service Distribution					
13						
14	Service Charge	81 Cust.	\$0.124	4	\$0.124	4
15						
16	Distribution Energy - Farm					
17	Farm	983 MWh	\$0.04102	40	\$0.04097	40
18	Winter Space Heating	1,084 MWh	\$0.02330	25	\$0.02325	25
19	Distribution System	2,067 MWh	3.34¢	69	3.34¢	69
20						
21	Nuclear Decomm.	2,067 MWh	0.001234	3	0.001234	3
22	Secur. Bond	2,067 MWh	\$0.00393	8	\$0.00393	8
23	Secur. Bond Tax	2,067 MWh	\$0.00121	3	\$0.00121	3
24	Renewable Energy	81 Meter	\$0.05	0	\$0.05	0
25	Choice Implementation	2,067 MWh	\$0.0005	1	\$0.0005	1
26	Rate Reduction Credit	2,067 MWh	-0.00005	0	\$0.00000	0
27	Distribution Subtotal	2,067 MWh	4.06¢	84	4.06¢	84
28						
29	Distribution Rate Increase	2,067 MWh	\$0.00000	0	\$0.001051	2
30	Total Full Service Distribution	2,067 MWh	4.06¢	84	4.16¢	86
31	Total Full Service	2,067 MWh	9.81¢	203	9.92¢	205
32						
33	Choice Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
34						
35	Service Charge	0 Cust.	\$0.124	0	\$0.124	0
36						
37	Distribution Energy - Farm					
38	Farm	0 MWh	\$0.04102	0	\$0.04097	0
39	Winter Space Heating	0 MWh	\$0.02330	0	\$0.02325	0
40	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
41						
42	Nuclear Decomm.	0 MWh	0.001234	0	0.001234	0
43	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
44	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
45	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
46	Choice Implementation	0 MWh	\$0.0005	0	\$0.0005	0
47	Rate Reduction Credit	0 MWh	-0.00005	0	0	0
48	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
49						
50	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001051	0
51	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
52						
53	Total	2,067 MWh	9.81¢	203	9.92¢	205
54	Increase/Decrease (\$)					2

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Water Heating Service Rate - Residential D5

Case No.: U-14838

Exhibit: DE-13

Schedule: E6

Page: 12 of 41

Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
Line	Description	Billing Determinants		Present		Present	
No.	Power Supply	Quantity	Units	Rate	Revenue	Rate	Revenue
					(\$000)		(\$000)
1	Option I Energy	193,195	MWh	\$0.02000	3,864	\$0.02740	5,294
2	Option II Energy	74,294	MWh	\$0.02000	1,486	\$0.02740	2,036
3	Option III Energy	2,693	MWh	\$0.03400	92	\$0.04140	111
4	Total Energy	270,182	MWh		5,442		7,441
5							
6	PSCR	270,182	MWh	\$0.00740	1,999	\$0.00000	0
7	RARS	270,182	MWh	\$0.002274	614	\$0.002274	614
8	Total Power Supply	270,182	MWh	2.98¢	8,055	2.98¢	8,055
9							
10	Full-Service Distribution						
11							
12	Option I Service Charge	60,404	Cust.	\$1.95	1,413	\$1.95	1,413
13	Option III Service Charge	839	Cust.	\$1.95	20	\$1.95	20
14							
15	Distribution Charge	270,182	MWh	\$0.02756	7,446	\$0.02751	7,432
16	Distribution System	270,182	MWh	3.29¢	8,879	3.28¢	8,865
17							
18	Nuclear Decomm.	270,182	MWh	\$0.001234	333	\$0.001234	333
19	Secur. Bond	270,182	MWh	\$0.00393	1,062	\$0.00393	1,062
20	Secur. Bond Tax	270,182	MWh	\$0.00121	327	\$0.00121	327
21	Renewable Energy	61,243	Meter	\$0.05	37	\$0.05	37
22	Choice Implementation	270,182	MWh	\$0.0005	135	\$0.0005	135
23	Rate Reduction Credit	270,182	MWh	-0.00005	(14)	\$0.00000	0
24	Distribution Subtotal	270,182	MWh	3.98¢	10,759	3.98¢	10,759
25							
26	Distribution Rate Increase	270,182	MWh	\$0.00000	0	\$0.001018	275
27	Total Full Service Distribution	270,182	MWh	3.98¢	10,759	4.08¢	11,034
28	Total Full Service	270,182	MWh	6.96¢	18,814	7.07¢	19,089
29							
30	Choice Distribution	Quantity	Units	Rate	Revenue	Rate	Revenue
31							
32	Option I Service Charge	0	Cust.	\$1.95	0	\$1.95	0
33	Option III Service Charge	0	Cust.	\$1.95	0	\$1.95	0
34							
35	Distribution Charge	0	MWh	\$0.02756	0	\$0.02751	0
36	Distribution System	0		#DIV/0!	0	#DIV/0!	0
37							
38	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
39	Secur. Bond	0	MWh	\$0.00336	0	\$0.00336	0
40	Secur. Bond Tax	0	MWh	\$0.00088	0	\$0.00088	0
41	Renewable Energy	0	Meter	\$0.05	0	\$0.05	0
42	Choice Implementation	0	MWh	\$0.0005	0	\$0.0005	0
43	Rate Reduction Credit	0	MWh	-0.00005	0	\$0.00000	0
44	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
45							
46	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.001018	0
47	Total Choice Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
48							
49	Total	270,182	MWh	6.96¢	18,814	7.07¢	19,089
50	Increase/Decrease (\$)						275

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Outdoor Protective Lighting - D9 Residential

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 13 of 41
Witness: E. L. Falletich

Line No.	(a) Description	(b) Billing Determinants		(c) Present	(d) Present	(e) Proposed	(f) Proposed
		Quantity	Units	Rate (\$/lamp/yr.)	Revenue (\$000)	Rate (\$/lamp/yr.)	Revenue (\$000)
1	Overhead						
2	175 Watt Hg	6,949	Lamps	143.28	996	143.16	995
3	250 Watt Hg	10	Lamps	167.76	2	167.64	2
4	400 Watt Hg	160	Lamps	208.08	33	207.96	33
5	1,000 Watt Hg	8	Lamps	417.48	3	417.24	3
6	100 Watt Na	3,772	Lamps	129.12	487	129.00	487
7	250 Watt Na	381	Lamps	195.24	74	195.12	74
8	400 Watt Na	37	Lamps	309.72	11	309.48	11
9							
10	Underground						
11	100 Watt Hg	35	Lamps	292.56	10	292.32	10
12	175 Watt Hg	131	Lamps	336.60	44	336.36	44
13	250 Watt Hg	1	Lamps	354.96	0	354.72	0
14	400 Watt Hg	0	Lamps	412.56	0	412.32	0
15	1,000 Watt Hg	0	Lamps	576.60	0	576.24	0
16	Lamp Total				1,660		1,659
17	Additional Light Credit	0	Lamps	-97.92	0	-97.80	0
18							
19	Other Charges						
20		Number of Poles		\$ /Pole/Year		\$ /Pole/Year	
21	New Poles	2,861	Poles	24.48	70	24.48	70
22	Subtotal				1,730		1,729
23							
24	RARS			2.62%	45	2.62%	45
25							
26	Nuclear Decommissioning			0.331%	6	0.331%	6
27							
28	Rate Reduction Credit			(0.07%)	(1)	0.00%	0
29	Sub-Total				1,780		1,780
30							
31		Investment		Carrying Charge/Year		Carrying Charge/Year	
32	Special Facilities	28,979		18%	5	18%	5
33	Sub-Total				1,785.25		1,785
34							
35	Distribution Rate Increase					1.92%	34
36	Total				1,785		1,819
37	Increase/Decrease (\$)						34

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Interruptible Space Conditioning Service Rate - Commercial D1.1

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 14 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
Line No.	Description	Billing Determinants		Present		Proposed	
	Power Supply	Quantity	Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Summer Energy	7,296	MWh	\$0.04653	339	\$0.05393	393
2	Winter Energy	2,065	MWh	\$0.02375	49	\$0.03115	64
3	Total	9,361	MWh		388		457
4							
5	PSCR	9,361	MWh	\$0.00740	69	\$0.00000	0
6	RARS	9,361	MWh	\$0.001034	10	\$0.001034	10
7							
8	Total Power Supply	9,361	MWh	4.99¢	467	4.99¢	467
9							
10	Full Service Distribution						
11							
12	Service Charge	994	Cust. (5 months)	\$1.95	10	\$1.95	10
13							
14							
15	Distribution Charge	9,361	MWh	\$0.02715	254	\$0.02710	254
16	Distribution System	9,361	MWh	2.82¢	264	2.82¢	264
17							
18	Nuclear Decomm.	9,361	MWh	\$0.001234	12	\$0.001234	12
19	Secur. Bond	9,361	MWh	\$0.00393	37	\$0.00393	37
20	Secur. Bond Tax	9,361	MWh	\$0.00121	11	\$0.00121	11
21	Renewable Energy	994	Meter	\$0.05	1	\$0.05	1
22	Choice Implementation	9,361	MWh	0.0005	5	0.0005	5
23	Rate Reduction Credit	9,361	MWh	-0.00005	0	\$0.00000	0
24	Distribution Subtotal	9,361	MWh	3.53¢	330	3.53¢	330
25							
26	Distribution Rate Increase	9,361	MWh	\$0.00000	0	\$0.000901	8
27							
28	Total Distribution	9,361	MWh	3.53¢	330	3.61¢	338
29	Total Full Service	9,361	MWh	8.51¢	797	8.60¢	805
30							
31	Choice Distribution	Quantity	Units	Rate	Revenue	Rate	Revenue
32							
33	Service Charge	0	Cust. (5 months)	\$1.95	0	\$1.95	0
34							
35							
36	Distribution Charge	0	MWh	\$0.02414	0	\$0.02409	0
37	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
38							
39	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
40	Secur. Bond	0	MWh	\$0.00393	0	\$0.00393	0
41	Secur. Bond Tax	0	MWh	\$0.00121	0	\$0.00121	0
42	Renewable Energy	0	Meter	\$0.05	0	\$0.05	0
43	Choice Implementation	0	MWh	0.0005	0	0.0005	0
44	Rate Reduction Credit	0	MWh	-0.00005	0	\$0.00000	0
45	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
46							
47	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.000901	0
48							
49	Total Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
50							
51	Total	9,361	MWh	8.51¢	797	8.60¢	805
52	Increase/Decrease (\$)						

Space Conditioning, Water Heating, Electric Vehicle, Time-of-Day Service Rate - Commercial D1.7

	(a)	(b)	(c)	(d)	(e)	(f)	
Line	Description	Billing Determinants		Present		Proposed	
No.	Power Supply	Quantity	Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Summer:						
2	On-Peak	19	MWh	\$0.02850	0.54	\$0.03590	0.68
3	Off-Peak	19	MWh	\$0.02000	0.38	\$0.02740	0.52
4							
5	Winter:						
6	On-Peak	58	MWh	\$0.02000	1.16	\$0.02740	1.59
7	Off-Peak	192	MWh	\$0.02000	3.84	\$0.02740	5.26
8							
9	PSCR	288	MWh	\$0.00740	2.13	\$0.00000	0.00
10	RARS	288	MWh	\$0.001034	0.30	\$0.001034	0.30
11							
12	Total Power Supply	288	MWh	2.90¢	8.35	2.90¢	8.35
13							
14	Full Service Distribution						
15	Service Charge	5	Cust.	\$0.067	0.12	\$0.067	0.12
16							
17	Distribution Charge	288	MWh	\$0.02564	7.38	\$0.02559	7.37
18	Distribution System	288	MWh	2.61¢	7.51	2.60¢	7.49
19							
20	Nuclear Decomm.	288	MWh	\$0.001234	0.36	\$0.001234	0.36
21	Secur. Bond	288	MWh	\$0.00393	1.13	\$0.00393	1.13
22	Secur. Bond Tax	288	MWh	\$0.00121	0.35	\$0.00121	0.35
23	Renewable Energy	5	Meter	\$0.05	0.00	\$0.05	0.00
24	Choice Implementation	288	MWh	0.0005	0.14	0.0005	0.14
25	Rate Reduction Credit	288	MWh	-0.00005	(0.01)	\$0.00000	0.00
26	Distribution Subtotal	288	MWh	3.29¢	9.47	3.29¢	9.47
27							
28	Distribution Rate Increase	288	MWh	\$0.00000	0.00	\$0.000840	0.24
29							
30	Total Distribution	288	MWh	3.29¢	9.47	3.37¢	9.71
31	Total Full Service	288	MWh	6.19¢	17.82	6.27¢	18.06
32							
33	Choice Distribution	Quantity	Units	Rate	Revenue	Rate	Revenue
34	Service Charge	0	Cust.	\$0.067	0.00	\$0.067	0.00
35							
36	Distribution Charge	0	MWh	\$0.02564	0.00	\$0.02559	0.00
37	Distribution System	0	MWh	#DIV/0!	0.00	#DIV/0!	0.00
38							
39	Nuclear Decomm.	0	MWh	\$0.001234	0.00	\$0.001234	0.00
40	Secur. Bond	0	MWh	\$0.00393	0.00	\$0.00393	0.00
41	Secur. Bond Tax	0	MWh	\$0.00121	0.00	\$0.00121	0.00
42	Renewable Energy	0	Meter	\$0.05	0.00	\$0.05	0.00
43	Choice Implementation	0	MWh	0.0005	0.00	0.0005	0.00
44	Rate Reduction Credit	0	MWh	-0.00005	0.00	\$0.00000	0.00
45	Distribution Subtotal	0	MWh	#DIV/0!	0.00	#DIV/0!	0.00
46							
47	Distribution Rate Increase	0	MWh	\$0.00000	0.00	\$0.000840	0.00
48							
49	Total Distribution	0	MWh	#DIV/0!	0.00	#DIV/0!	0.00
50							
51	Total	288	MWh	6.19¢	17.82	6.27¢	18.06
52	Increase/Decrease (\$)						0.24

The Detroit Edison Company
U-14838 Present and Proposed Revenue

General Service Rate - D3

Case No.: U-14838

Exhibit: DE-13

Schedule: E6

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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Description	Billing Determinants	Present		Proposed	
No.	Power Supply	Quantity Units	Rate	Revenue	Rate	Revenue
1	Energy	6,633,817 MWh	\$0.04935	327,379	\$0.05675	376,469
2	PSCR	6,633,817 MWh	\$0.00740	49,090	\$0.00000	0
3	RARS < 15 kW	1,476,024 MWh	\$0.001034	1,526	\$0.001034	1,526
4	RARS >= 15 kW	5,157,793 MWh	\$0.000898	4,632	\$0.000898	4,632
6	Total Power Supply	6,633,817 MWh	5.77¢	382,627	5.77¢	382,627
8	Full Service Distribution	Quantity Units				
10	Service Charge	176,391 Cust.	\$8.78	18,585	\$8.78	18,585
12	Distribution Charge	6,633,817 MWh	\$0.03993	264,888	\$0.03783	250,957
13	Distribution System	6,633,817 MWh	4.27¢	283,473	4.06¢	269,542
15	Nuclear Decomm.	6,633,817 MWh	\$0.001234	8,186	\$0.001234	8,186
16	Secur. Bond	6,633,817 MWh	\$0.00393	26,071	\$0.00393	26,071
17	Secur. Bond Tax	6,633,817 MWh	\$0.00121	8,027	\$0.00121	8,027
18	Renewable Energy	176,391 Meter	\$0.05	106	\$0.05	106
19	Choice Implementation	6,633,817 MWh	0.0005	3,317	0.0005	3,317
20	Rate Reduction Credit	6,633,817 MWh	-0.00005	(332)	\$0.00000	0
21	Distribution Subtotal	6,633,817 MWh	4.96¢	328,848	4.75¢	315,249
23	Distribution Rate Increase	6,633,817 MWh	\$0.00000	0	\$0.001204	7,985
25	Total Full Service Distribution	6,633,817 MWh	4.96¢	328,848	4.87¢	323,234
26	Total Full Service	6,633,817 MWh	10.72¢	711,475	10.64¢	705,861
28	Choice Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
30	Service Charge	8,354 Cust.	\$8.78	880	\$8.78	880
32	Distribution Charge	1,556,000 MWh	\$0.02914	45,342	\$0.03783	58,863
33	Distribution System	1,556,000 MWh	2.97¢	46,222	3.84¢	59,743
35	Nuclear Decomm.	1,556,000 MWh	\$0.001234	1,920	\$0.001234	1,920
36	Secur. Bond	1,556,000 MWh	\$0.00393	6,115	\$0.00393	6,115
37	Secur. Bond Tax	1,556,000 MWh	\$0.00121	1,883	\$0.00121	1,883
38	Renewable Energy	8,354 Meter	\$0.05	5	\$0.05	5
39	Choice Implementation	1,556,000 MWh	0.0005	778	0.0005	778
40	Rate Reduction Credit	1,556,000 MWh	-0.00005	(78)	\$0.00000	0
41	Distribution Subtotal	1,556,000 MWh	3.65¢	56,845	4.53¢	70,444
43	Distribution Rate Increase	1,556,000 MWh	\$0.00000	0	\$0.001204	1,873
45	Total Distribution	1,556,000 MWh	3.65¢	56,845	4.65¢	72,317
47	Total	8,189,817 MWh	9.38¢	768,320	9.50¢	778,178
48	Increase/Decrease (\$)					9,858

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Unmetered General Service Rate - D3.1

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page 17 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
Line	Description	Billing Determinants		Present		Proposed	
No.		Quantity	Units	Rate	Revenue	Rate	Revenue
1	Connected Load	249,556,894	Watts	\$0.0379	9,458	\$0.0379	9,451
2							
3	RARS			1.08%	102	1.08%	102
4							
5	Nuclear Decommissioning			0.848%	80	0.848%	80
6							
7	Rate Reduction Credit			-0.07%	(7)	0.00%	0
8							
9	Distribution Rate Increase					1.28%	123
	Total	87,345	MWh		9,633		9,756
	Increase/Decrease (\$)						123

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Interruptible General Service Rate - D3.3

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Billing Determinants	Present		Proposed	
	Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Energy	145,807 MWh	\$0.03911	5,703	\$0.04652	6,782
2						
3	PSCR	145,807 MWh	\$0.00740	1,079	\$0.0000	0
4	RARS >= 15 kW	145,807 MWh	\$0.000898	131	\$0.000898	131
5						
8	Total Power Supply	145,807 MWh	4.74¢	6,913	4.74¢	6,913
9						
	Full Service Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
10						
11						
12	Service Charge	141 Cust.	\$8.78	15	\$8.78	15
13						
14	Distribution Charge	145,807 MWh	\$0.03163	4,612	\$0.03158	4,605
15	Distribution System	145,807 MWh	3.17¢	4,627	3.17¢	4,620
16						
17	Nuclear Decomm.	145,807 MWh	\$0.001234	180	\$0.001234	180
18	Secur. Bond	145,807 MWh	\$0.00393	573	\$0.00393	573
19	Secur. Bond Tax	145,807 MWh	\$0.00121	176	\$0.00121	176
20	Renewable Energy	141 Meter	\$0.05	0	\$0.05	0
21	Choice Implementation	145,807 MWh	0.0005	73	0.0005	73
22	Rate Reduction Credit	145,807 MWh	-0.00005	(7)	\$0.00000	0
23	Distribution Subtotal	145,807 MWh	3.86¢	5,622	3.86¢	5,622
24						
25	Distribution Rate Increase	145,807 MWh	\$0.00000	0	\$0.000986	144
26						
27	Full Service Distribution	145,807 MWh	3.86¢	5,622	3.95¢	5,766
28	Total Full Service	145,807 MWh	8.60¢	12,535	8.70¢	12,679
29						
	Choice Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
30						
31						
32	Service Charge	0 Cust.	\$8.78	0	\$8.78	0
33						
34	Distribution Charge	0 MWh	\$0.02414	0	\$0.03158	0
35	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
36						
37	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
38	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
39	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
40	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
41	Choice Implementation	0 MWh	0.0005	0	0.0005	0
42	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.00000	0
43	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
44						
45	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.000986	0
46						
47	Total Choice Distribution	0 MWh	#DIV/0!	0	0.00¢	0
48						
49	Total	145,807 MWh	8.60¢	12,535	8.70¢	12,679
50	Increase/Decrease (\$)					144

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Optional Time-of-Day General Service Rate - D3.4

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

Line No.	Description	Billing Determinants		Present		Proposed	
				Rate	Revenue (\$000)	Rate	Revenue (\$000)
	Power Supply	Quantity	Units				
1	On-Peak Energy	102	MWh	\$0.11366	12	\$0.12010	12
2	Off-Peak Energy	739	MWh	\$0.03766	28	\$0.04538	34
3	Total Energy	841	MWh		40		46
4							
5	PSCR	841	MWh	\$0.00740	6	\$0.0000	0
6	RARS	841	MWh	\$0.000898	1	\$0.000898	1
7							
8	Total Power Supply	841	MWh	5.59¢	47	5.59¢	47
9							
10	Full-Service Distribution						
11				Rate	Revenue	Rate	Revenue
12	Service Charge	6	Cust.	\$12.95	1	\$12.95	1
13							
14	Distribution Charge	841	MWh	\$0.03804	32	\$0.03799	32
15	Distribution System	841	MWh	3.92¢	33	3.92¢	33
16							
17	Nuclear Decomm.	841	MWh	\$0.001234	1	\$0.001234	1
18	Secur. Bond	841	MWh	\$0.00393	3	\$0.00393	3
19	Secur. Bond Tax	841	MWh	\$0.00121	1	\$0.00121	1
20	Renewable Energy	6	Meter	\$0.05	0	\$0.05	0
21	Choice Implementation	841	MWh	0.0005	0	0.0005	0
22	Rate Reduction Credit	841	MWh	-0.00005	0	\$0.00000	0
23	Distribution Subtotal	841	MWh	4.52¢	38	4.52¢	38
24							
25	Distribution Rate Increase	841	MWh	\$0.00000	0	\$0.001155	1
26							
27	Total Distribution	841	MWh	4.52¢	38	4.63¢	39
28	Total Full-Service	841	MWh	10.11¢	85	10.22¢	86
29							
30	Choice Distribution	Quantity	Units				
31				Rate	Revenue	Rate	Revenue
32	Service Charge	0	Cust.	\$12.95	0	\$12.95	0
33							
34	Distribution Charge	0	MWh	\$0.02914	0	\$0.03799	0
35	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
36							
37	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
38	Secur. Bond	0	MWh	\$0.00393	0	\$0.00393	0
39	Secur. Bond Tax	0	MWh	\$0.00121	0	\$0.00121	0
40	Renewable Energy	0	Meter	\$0.05	0	\$0.05	0
41	Choice Implementation	0	MWh	0.0005	0	0.0005	0
42	Rate Reduction Credit	0	MWh	-0.00005	0	\$0.00000	0
43	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
44							
45	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.001155	0
46							
47	Total Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
48							
49	Total	841	MWh	10.11¢	85	10.22¢	86
50	Increase/Decrease (\$)						1

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Large General Service Rate - D4

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line No.	Description	Billing Determinants	Present		Proposed	
	Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1						
2	Demand Charge	5,002,500 kW	\$3.50	17,509	\$3.50	17,509
3						
4	Energy - First 200 Hrs. Use	1,014,122 MWh	\$0.04243	43,029	\$0.04983	50,533
5	Energy - Excess	993,828 MWh	\$0.03253	32,329	\$0.03993	39,684
6	Total	2,007,950				
7						
8	PSCR	2,007,950 MWh	\$0.00740	14,859	\$0.00000	0
9	RARS	2,007,950 MWh	\$0.000898	1,803	\$0.000898	1,803
10						
11	Total Power Supply	2,007,950 MWh	5.45¢	109,529	5.45¢	109,529
12						
13	Full Service Distribution					
14						
15	Service Charge	5,737 Cust.	\$13.67	941	\$13.67	941
16						
17	Distribution Demand Charge	5,002,500 kW	\$7.45	37,269	\$9.00	45,023
18	Distribution Energy Charge	2,007,950 MWh	\$0.01731	34,758	\$0.00975	19,583
19	Distribution Charges	5,002,500 kW	3.63¢	72,968	3.26¢	65,547
20						
21	Nuclear Decomm.	2,007,950 Mwh	\$0.001234	2,478	\$0.001234	2,478
22	Secur. Bond	2,007,950 Mwh	\$0.00393	7,891	\$0.00393	7,891
23	Secur. Bond Tax	2,007,950 Mwh	\$0.00121	2,430	\$0.00121	2,430
24	Renewable Energy	5,737 Meter	\$0.05	3	\$0.05	3
25	Choice Implementation	2,007,950 MWh	0.0005	1,004	0.0005	1,004
26	Rate Reduction Credit	2,007,950 MWh	-0.00005	(100)	\$0.00000	0
27	Distribution Subtotal	2,007,950 Mwh	4.32¢	86,674	3.95¢	79,353
28						
29	Distribution Rate Increase	2,007,950 Mwh	\$0.00000	0	\$0.001003	2,015
30	Total Full Service Distribution	2,007,950 Mwh	4.32¢	86,674	4.05¢	81,368
31	Total Full Service	2,007,950 Mwh	9.77¢	196,203	9.51¢	190,897
32						
33	Choice Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
34						
35	Service Charge	1,476 Cust.	\$13.67	242	\$13.67	242
36						
37	Distribution Demand Charge	1,283,019 kW	\$7.45	9,558	\$9.00	11,547
38	Distribution Energy Charge	544,000 Mwh	\$0.00000	0	\$0.00975	5,305
39	Distribution System	1,283,019 kW	1.80¢	9,800	3.14¢	17,094
40						
41	Nuclear Decomm.	544,000 Mwh	\$0.001234	671	\$0.001234	671
42	Secur. Bond	544,000 Mwh	\$0.00393	2,138	\$0.00393	2,138
43	Secur. Bond Tax	544,000 Mwh	\$0.00121	658	\$0.00121	658
44	Renewable Energy	1,476 Meter	\$0.05	1	\$0.05	1
45	Choice Implementation	544,000 MWh	0.0005	272	0.0005	272
46	Rate Reduction Credit	544,000 MWh	-0.00005	-27	\$0.00000	0
47	Distribution Subtotal	544,000 Mwh	2.48¢	13,513	3.83¢	20,834
48						
49	Distribution Rate Increase	544,000 Mwh	\$0.00000	0	\$0.001003	546
50	Total Distribution	544,000 Mwh	2.48¢	13,513	3.93¢	21,380
51						
52	Total	2,551,950 Mwh	8.22¢	209,716	8.32¢	212,277
53	Increase/Decrease (\$)					2,561

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Water Heating Service Rate - Commercial D5

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
Line No.	Description	Billing Determinants		Present		Proposed	
	Power Supply	Quantity	Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Energy:						
2	Option I Energy	6,797	MWh	\$0.02325	158	\$0.03070	209
3	Option II Energy	2,394	MWh	\$0.02325	56	\$0.03070	73
4	Option III Energy	719	MWh	\$0.04500	32	\$0.05240	38
5	Total Energy	9,910	MWh		246		320
6							
7	PSCR	9,910	MWh	\$0.00740	73	\$0.0000	0
8	RARS	9,910	MWh	\$0.001034	10	\$0.001034	10
9							
10	Total Power Supply	9,910	MWh	3.32¢	329	3.33¢	330
11							
12	Full Service Distribution						
13							
14	Service Charge - Opt. I	916	Cust.	\$1.95	21	\$1.95	21
15	Service Charge - Opt. III	97	Cust.	\$1.95	2	\$1.95	2
16							
17	Distribution Charge	9,910	MWh	\$0.02438	242	\$0.02433	241
18	Distribution System	9,910	MWh	2.67¢	265	2.66¢	264
19							
20	Nuclear Decomm.	9,910	MWh	\$0.001234	12	\$0.001234	12
21	Secur. Bond	9,910	MWh	\$0.00393	39	\$0.00393	39
22	Secur. Bond Tax	9,910	MWh	\$0.00121	12	\$0.00121	12
23	Renewable Energy	1,013	Meter	\$0.05	1	\$0.05	1
24	Choice Implementation	9,910	MWh	0.0005	5	0.0005	5
25	Rate Reduction Credit	9,910	MWh	-0.00005	0	\$0.00000	0
26	Distribution Subtotal	9,910	MWh	3.37¢	334	3.36¢	333
27							
28	Distribution Rate Increase	9,910	MWh	\$0.00000	0	\$0.000861	9
29							
30	Total Full Service Distribution	9,910	MWh	3.37¢	334	3.45¢	342
31	Total Full Service	9,910	MWh	6.69¢	663	6.78¢	672
32							
33	Choice Distribution	Quantity	Units	Rate	Revenue	Rate	Revenue
34							
35	Service Charge - Opt. I	0	Cust.	\$1.95	0	\$1.95	0
36	Service Charge - Opt. III	0	Cust.	\$1.95	0	\$1.95	0
37							
38	Distribution Charge	0	MWh	\$0.02438	0	\$0.02433	0
39	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
40							
41	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
42	Secur. Bond	0	MWh	\$0.00393	0	\$0.00393	0
43	Secur. Bond Tax	0	MWh	\$0.00121	0	\$0.00121	0
44	Renewable Energy	0	Meter	\$0.05	0	\$0.05	0
45	Choice Implementation	0	MWh	0.0005	0	0.0005	0
46	Rate Reduction Credit	0	MWh	-0.00005	0	-\$0.00005	0
47	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
48							
49	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.000861	0
50	Total Choice Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
51							
52	Total	9,910	MWh	6.69¢	663	6.78¢	672
53	Increase/Decrease (\$)						9

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Outdoor Protective Lighting - D9 Commercial

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 22 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
	Description	Billing Determinants		Present		Proposed	
Line No.		Quantity	Units	Rate (\$/lamp/yr.)	Revenue (\$000)	Rate (\$/lamp/yr.)	Revenue (\$000)
	Overhead						
1	175 Watt Hg	7,314	Lamps	143.28	1,048	143.16	1,047
2	250 Watt Hg	299	Lamps	167.76	50	167.64	50
3	400 Watt Hg	2,204	Lamps	208.08	459	207.96	458
4	1,000 Watt Hg	434	Lamps	417.48	181	417.24	181
5	100 Watt Na	2,369	Lamps	129.12	306	129.00	306
6	250 Watt Na	4,967	Lamps	195.24	970	195.12	969
7	400 Watt Na	2,406	Lamps	309.72	745	309.48	745
8							
9	Underground						
10	100 Watt Hg	47	Lamps	292.56	14	292.32	14
11	175 Watt Hg	244	Lamps	336.60	82	336.36	82
12	250 Watt Hg	65	Lamps	354.96	23	354.72	23
13	400 Watt Hg	90	Lamps	412.56	37	412.32	37
14	1,000 Watt Hg	25	Lamps	576.60	14	576.24	14
15	Lamp Total				3,929		3,926
16							
17	Additional Light Credit	45	Lamps	-97.92	(4)	-97.80	(4)
18							
19	Other Charges						
20		Number of Poles		\$ /Pole/Year		\$ /Pole/Year	
21	New Poles	6,649	Poles	24.48	163	24.48	163
22	Subtotal				4,088		4,085
23							
24	RARS			1.08%	44	1.08%	44
25							
26	Nuclear Decommissioning			0.331%	14	0.331%	14
27							
28	Rate Reduction Credit			(0.07%)	(3)	0.00%	0
29	Sub-Total				4,143		4,143
30							
31		Investment		Carrying Charge/Year		Carrying Charge/Year	
32	Special Facilities	155,022		18%	28	18%	28
33	Sub-Total				4,171		4,171
34							
35	Distribution Rate Increase					1.92%	80
36	Total				4,171		4,251
37	Increase/Decrease (\$)						80

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Greenhouse Lighting Service Rate - Standard Contract Rider No. R7

Case No.: U-14838

Exhibit: DE-13

Schedule: E6

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Witness: E. L. Falletich

Line No.	(a) Description	(b) Billing Determinants		(c) Present		(d) Proposed	
		Quantity	Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
	Power Supply						
1	Energy	1,638	MWh	\$0.02150	35	\$0.02887	47
2							
3	PSCR	1,638	MWh	\$0.00740	12	\$0.0000	0
4	RARS	1,638	MWh	\$0.001034	2	\$0.001034	2
5							
6	Total Power Supply	1,638	MWh	2.99¢	49	2.99¢	49
7							
8	Full Service Distribution						
9							
10	Service Charge	13	Cust.	\$1.95	0	\$1.95	0
11							
12	Distribution Charge	1,638	MWh	\$0.02414	40	\$0.02412	40
13	Distribution System	1,638	MWh	2.44¢	40	2.44¢	40
14							
15	Nuclear Decomm.	1,638	MWh	\$0.001234	2	\$0.001234	2
16	Secur. Bond	1,638	MWh	\$0.00393	6	\$0.00393	6
17	Secur. Bond Tax	1,638	MWh	\$0.00121	2	\$0.00121	2
18	Renewable Energy	13	Meter	\$0.05	0	\$0.05	0
19	Choice Implementation	1,638	MWh	0.0005	1	0.0005	1
20	Rate Reduction Credit	1,638	MWh	-0.00005	0	\$0.00000	0
21	Distribution Subtotal	1,638	MWh	3.11¢	51	3.11¢	51
22							
23	Distribution Rate Increase	1,638	MWh	\$0.00000	0	\$0.000796	1
24							
25	Total Distribution	1,638	MWh	3.11¢	51	3.17¢	52
26	Total Full Service	1,638	MWh	6.11¢	100	6.17¢	101
27							
28	Choice Distribution	Quantity	Units	Rate	Revenue	Rate	Revenue
29							
30	Service Charge	0	Cust.	\$1.95	0	\$1.95	0
31							
32	Distribution Charge	0	MWh	\$0.02414	0	\$0.02412	0
33	Distribution System	0	MWh	#DIV/0!	0	#DIV/0!	0
34							
35	Nuclear Decomm.	0	MWh	\$0.001234	0	\$0.001234	0
36	Secur. Bond	0	MWh	\$0.00393	0	\$0.00393	0
37	Secur. Bond Tax	0	MWh	\$0.00121	0	\$0.00121	0
38	Renewable Energy	0	Meter	\$0.05	0	\$0.05	0
39	Choice Implementation	0	MWh	0.0005	0	0.0005	0
40	Rate Reduction Credit	0	MWh	-0.00005	0	\$0.00000	0
41	Distribution Subtotal	0	MWh	#DIV/0!	0	#DIV/0!	0
42							
43	Distribution Rate Increase	0	MWh	\$0.00000	0	\$0.000796	0
44							
45	Total Distribution	0	MWh	#DIV/0!	0	#DIV/0!	0
46							
47	Total	1,638	MWh	6.11¢	100	6.17¢	101
48	Increase/Decrease (\$)						1

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Commercial Space Conditioning Rate - Standard Contract Rider No. R8

Case No.: U-14838

Exhibit: DE-13

Schedule: E6

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Witness: E. L. Falletich

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply					
2	Summer: Jun-Oct					
3	R8 All KWH- Separate Meter	19,517 MWh	\$0.05575	1,088	\$0.06315	1,232
4	R8a initial Block of D3	2,064 MWh	\$0.04935	102	\$0.05675	117
5	R8a Excess	423 MWh	\$0.05575	24	\$0.06315	27
6						
7	Winter: Nov-May					
8	R8 First 1000 KWH- Sep Mtr	5,404 MWh	\$0.05575	301	\$0.06315	341
9	R8 Excess	28,956 MWh	\$0.03369	976	\$0.04114	1,191
10						
11	R8a initial Block of D3	3,378 MWh	\$0.04935	167	\$0.05675	192
12	Excess	11,860 MWh	\$0.03369	400	\$0.04114	488
13						
14	PSCR	71,602 MWh	\$0.00740	530	\$0.00000	0
15	RARS	71,602 MWh	\$0.001034	74	\$0.001034	74
16						
17	Total Power Supply	71,602 MWh	5.11¢	3,662	5.11¢	3,662
18						
19	Full Service Distribution					
20	Service Charge					
21	R8 Separate Meter	1,113 Cust.	\$8.78	117	\$8.78	117
22	R8a	605 Cust.	\$8.78	64	\$8.78	64
23						
24	Distribution Charge	71,602 MWh	\$0.03750	2,685	\$0.03745	2,681
25	Distribution System	71,602 MWh	4.00¢	2,866	4.00¢	2,862
26						
27	Nuclear Decomm.	71,602 MWh	\$0.001234	88	\$0.001234	88
28	Secur. Bond	71,602 MWh	\$0.00393	281	\$0.00393	281
29	Secur. Bond Tax	71,602 MWh	\$0.00121	87	\$0.00121	87
30	Renewable Energy	1,718 Meter	\$0.05	1	\$0.05	1
31	Choice Implementation	71,602 MWh	0.0005	36	0.0005	36
32	Rate Reduction Credit	71,602 MWh	-0.00005	(4)	\$0.00000	0
33	Distribution Subtotal	71,602 MWh	4.69¢	3,355	4.69¢	3,355
34						
35	Distribution Rate Increase	71,602 MWh	\$0.00000	0	\$0.001198	86
36						
37	Total Distribution	71,602 MWh	4.69¢	3,355	4.81¢	3,441
38	Total Full Service	71,602 MWh	9.80¢	7,017	9.92¢	7,103
39						
40	Choice Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
41	Service Charge					
42	R8 Separate Meter	0 Cust.	\$8.78	0	\$8.78	0
43	R8a	0 Cust.	\$8.78	0	\$8.78	0
44						
45	Distribution Charge	0 MWh	\$0.02914	0	\$0.03745	0
46	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
47						
48	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
49	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
50	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
51	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
52	Choice Implementation	0 MWh	0.0005	0	0.0005	0
53	Rate Reduction Credit	0 MWh	-0.00005	0	\$0.00000	0
54	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
55						
56	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001198	0
57						
58	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
59						
60	Total	71,602 MWh	9.80¢	7,017	9.92¢	7,103
61	Increase/Decrease (\$)					86

Primary Supply Rate - D6

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply Demand	21,094,652 kW	10.93	230,565	10.93	230,565
2						
3	Energy					
4	On-Peak	2,571,221 MWh	0.02364	60,784	0.03104	79,811
5	Off-Peak	6,836,993 MWh	0.02064	141,116	0.02804	191,709
6	Total Energy	9,408,215 MWh				
7						
8	Voltage Level Discount					
9	Subtransmission	1,094,417 MWh	(0.00100)	(1,094)	(0.00100)	(1,094)
10	Transmission	307,159 MWh	(0.00150)	(461)	(0.00150)	(461)
11	Power Supply Subtotal	9,408,215		430,909		500,529
12						
13	PSCR	9,408,215 MWh	0.00740	69,621	0.00000	0
14	RARS	9,408,215 MWh	0.000898	8,449	0.000898	8,449
15	Total Full Service Power Supply	9,408,215 MWh	5.41¢	508,978	5.41¢	508,978
16						
17	Full Service Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
18						
19	Service Charge	2,836 Cust.	275	9,359	275	9,359
20						
21	Distribution Charges					
22	Primary	21,935,998 kW	4.55	99,809	4.28	93,893
23		8,006,639 MWh	0.00703	56,287	0.00635	50,842
24	Subtransmission	3,074,205 kW	3.45	10,606	3.21	9,868
25		1,094,417 MWh	0.00703	7,694	0.00635	6,950
26	Transmission	676,561 kW	2.60	1,759	2.38	1,610
27		307,159 MWh	0.00703	2,159	0.00635	1,950
28	Substation Credit					
29	Demand	1,630,652 kW	(0.30)	(489)	(0.30)	(489)
30	Energy	576,495 MWh	(0.0004)	(231)	(0.0004)	(231)
31	Distribution System	9,408,215 MWh	1.99¢	186,953	1.85¢	173,752
32						
33	Nuclear Decommissioning	9,408,215 MWh	0.001234	11,610	0.001234	11,610
34	Securitization Bond	9,408,215 MWh	0.00393	36,974	0.00393	36,974
35	Securitization Bond Tax	9,408,215 MWh	0.00121	11,384	0.00121	11,384
36	Renewable Energy	2,836 Meter	0.05	2	0.05	2
37	Choice Implementation	9,408,215 MWh	0.0005	4,704	0.0005	4,704
38	Rate Reduction Credit	9,408,215 MWh	(0.00005)	(470)		
39	Distribution Subtotal	9,408,215 MWh	2.67¢	251,156	2.53¢	238,426
40						
41	Distribution Rate Increase Surcharge	9,408,215 MWh	0.00000	0	0.000650	6,118
42	Total Full Service Distribution	9,408,215 MWh	2.67¢	251,156	2.60¢	244,544
43	Total Full Service D6	9,408,215 MWh	8.08¢	760,134	8.01¢	753,522
44						
45	Choice Distribution D6	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
46						
47	Service Charge	298 Cust.	275	983	275	983
48						
49	Distribution Charges					
50	Primary	3,473,609 kW	3.20	11,116	4.28	14,868
51		1,128,370 MWh			0.00635	7,165
52	Subtransmission	114,220 kW	1.20	137	3.21	367
53		48,772 MWh			0.00635	310
54	Transmission	270,610 kW	0.80	216	2.38	644
55		122,857 MWh			0.00635	780
56	Substation Credit					
57	Demand	122,857 kW	(0.30)	(37)	(0.30)	(37)
58	Energy	0 MWh	(0.0004)	0	(0.0004)	0
59	Distribution System	1,300,000 MWh	0.96¢	12,416	1.93¢	25,080
60						
61	Nuclear Decommissioning	1,300,000 MWh	0.001234	1,604	0.001234	1,604
62	Securitization Bond	1,300,000 MWh	0.00393	5,109	0.00393	5,109
63	Securitization Bond Tax	1,300,000 MWh	0.00121	1,573	0.00121	1,573
64	Renewable Energy	298 Meter	0.05	0	0.05	0
65	Choice Implementation	1,300,000 MWh	0.0005	650	0.0005	650
66	Rate Reduction Credit	1,300,000 MWh	(0.00005)	(65)		
67	Distribution Subtotal	1,300,000 MWh	1.64¢	21,287	2.62¢	34,017
68						
69	Distribution Rate Increase Surcharge	1,300,000 MWh	0.00000	0	0.000650	845
70	Total Choice Distribution	1,300,000 MWh	1.64¢	21,287	2.68¢	34,862
71						
72	Total D6	10,708,215 MWh	7.30¢	781,421	7.36¢	788,385
73	Increase/Decrease (\$)					6,964

Alternative Primary Supply Rate - D6.1

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply Demand	2,794,056 kW				
2						
3	Energy					
4	First 150 Hrs. Use	419,108 MWh	0.11934	50,016	0.12674	53,118
5	151-450 Hrs. Use	838,217 MWh	0.01699	14,241	0.02439	20,444
6	Excess Hours Use	538,775 MWh	0.01121	6,040	0.01861	10,027
7	Total MWh	1,796,101 MWh				
8						
9	Off-Peak Credit	1,376,549 MWh	(\$0.00300)	(4,130)	(\$0.00300)	(4,130)
10	Voltage Level Discount					
11	Subtransmission	631,472 MWh	(0.00100)	(631)	(0.00100)	(631)
12	Transmission	1,164,060 MWh	(0.00150)	(1,746)	(0.00150)	(1,746)
13	Power Supply Subtotal	0		63,790		77,081
14						
15	PSCR	1,796,101 MWh	0.00740	13,291	0.00000	0
16	RARS	1,796,101 MWh	0.000898	1,613	0.000898	1,613
17	Total Full Service Power Supply	1,796,101 MWh	4.38¢	78,694	4.38¢	78,694
18						
19	Full Service Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
20						
21	Service Charge	7 Cust.	275	23	275	23
22						
23	Distribution Charges					
24	Primary	2,556 kW	\$3.20	8	\$3.20	8
25		569 MWh	\$0.00701	4	\$0.00696	4
26	Subtransmission	936,280 kW	\$2.10	1,966	\$2.10	1,966
27		631,472 MWh	\$0.00701	4,427	\$0.00696	4,395
28	Transmission	1,560,306 kW	\$1.25	1,950	\$1.25	1,950
29		1,164,060 MWh	\$0.00701	8,160	\$0.00696	8,102
30	Substation Credit					
31	Demand	625,317 kW	(0.30)	(188)	(0.30)	(188)
32	Energy	520,035 MWh	(0.0004)	(208)	(0.0004)	(208)
33	Distribution System	1,796,101 MWh	0.90¢	16,143	0.89¢	16,053
34						
35	Nuclear Decommissioning	1,796,101 MWh	0.001234	2,216	0.001234	2,216
36	Securitization Bond	1,796,101 MWh	0.00393	7,059	0.00393	7,059
37	Securitization Bond Tax	1,796,101 MWh	0.00121	2,173	0.00121	2,173
38	Renewable Energy	7 Meter	0.05	0	0.05	0
39	Choice Implementation	1,796,101 MWh	0.0005	898	0.0005	898
40	Rate Reduction Credit	1,796,101 MWh	(0.00005)	(90)		
41	Distribution Subtotal	1,796,101 MWh	1.58¢	28,400	1.58¢	28,400
42						
43	Distribution Rate Increase Surcharge	1,796,101 MWh	0.00000	0	0.000404	726
44	Total Full Service Distribution	1,796,101 MWh	1.58¢	28,400	1.62¢	29,125
45	Total Full Service D6.1	1,796,101 MWh	5.96¢	107,094	6.00¢	107,820
46						
47	Choice Distribution D6.1	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
48						
49	Service Charge	0 Cust.	275	0	275	0
50						
51	Distribution Charges					
52	Primary	0 kW	\$3.20	0	\$3.20	0
53		0 MWh	\$0.00696	0	\$0.00696	0
54	Subtransmission	0 kW	\$1.20	0	\$2.10	0
55		0 MWh	\$0.00696	0	\$0.00696	0
56	Transmission	0 kW	\$0.80	0	\$1.25	0
57		0 MWh	\$0.00696	0	\$0.00696	0
58	Substation Credit					
59	Demand	0 kW	(0.30)	0	(0.30)	0
60	Energy	0 MWh	(0.0004)	0	(0.0004)	0
61	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
62						
63	Nuclear Decommissioning	0 MWh	0.001234	0	0.001234	0
64	Securitization Bond	0 MWh	0.00393	0	0.00393	0
65	Securitization Bond Tax	0 MWh	0.00121	0	0.00121	0
66	Renewable Energy	0 Meter	0.05	0	0.05	0
67	Choice Implementation	0 MWh	0.0005	0	0.0005	0
68	Rate Reduction Credit	0 MWh	(0.00005)	0		
69	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
70						
71	Distribution Rate Increase Surcharge	0 MWh	0.00000	0	0.000404	0
72	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
73						
74	Total D6.1	1,796,101 MWh	5.96¢	107,094	6.00¢	107,820
75	Increase/Decrease (\$)					726

Transitional Primary Supply Rate - D7

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Full Service Power Supply					
2	Power Supply Demand	9,558,524 kW	10.30	98,453	10.30	98,453
3	Energy	5,484,416 MWh	0.02467	135,301	0.03207	175,885
4	<u>Voltage Level Discount</u>					
5	Subtransmission	988,629 MWh	(0.0010)	(989)	(0.0010)	(989)
6	Transmission	4,045,871 MWh	(0.0015)	(6,069)	(0.0015)	(6,069)
7	Power Supply Subtotal	5,484,416 MWh		226,696		267,281
8	PSCR	5,484,416 MWh	0.00740	40,585	0.00000	0
9	RARS	5,484,416 MWh	0.000543	2,978	0.000543	2,978
10	Total Full Service Power Supply	5,484,416 MWh	4.93¢	270,259	4.93¢	270,259
11	Full Service Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
12	Service Charge	67 Cust.	275	221	275	221
13	<u>Distribution Charges</u>					
14	Primary	935,179 kW	3.45	3,226	3.45	3,226
15		449,916 MWh	(0.00371)	(1,669)	(0.00376)	(1,692)
16	Subtransmission	1,782,731 kW	2.35	4,189	2.35	4,189
17		988,629 MWh	(0.00371)	(3,668)	(0.00376)	(3,717)
18	Transmission	7,378,391 kW	1.50	11,068	1.50	11,068
19		4,045,871 MWh	(0.00371)	(15,010)	(0.00376)	(15,212)
20	<u>Substation Credit</u>					
21	Demand	352,868 kW	(0.30)	(106)	(0.30)	(106)
22	Energy	101,096 MWh	(0.0004)	(40)	(0.0004)	(40)
23	Distribution System	5,484,416 MWh	-0.03¢	(1,789)	-0.04¢	(2,063)
24	Nuclear Decommissioning	5,484,416 MWh	0.001234	6,768	0.001234	6,768
25	Securitization Bond	5,484,416 MWh	0.00393	21,554	0.00393	21,554
26	Securitization Bond Tax	5,484,416 MWh	0.00121	6,636	0.00121	6,636
27	Renewable Energy	67 Meter	0.05	0	0.05	0
28	Choice Implementation	5,484,416 MWh	0.0005	2,742	0.0005	2,742
29	Rate Reduction Credit	5,484,416 MWh	(0.00005)	(274)		
30	Distribution Subtotal	5,484,416 MWh	0.65¢	35,637	0.65¢	35,637
31	Distribution Rate Increase Surcharge	5,484,416 MWh	0.00000	0	0.000166	911
32	Total Full Service Distribution	5,484,416 MWh	0.65¢	35,637	0.67¢	36,548
33	Total Full Service D7	5,484,416 MWh	5.58¢	305,895	5.59¢	306,806
34	Choice Distribution D7	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
35	Service Charge	0 Cust.	275	0	275	0
36	<u>Distribution Charges</u>					
37	Primary	0 kW	3.20	0	3.45	0
38		0 MWh			(0.00376)	0
39	Subtransmission	0 kW	1.20	0	2.35	0
40		0 MWh			(0.00376)	0
41	Transmission	0 kW	0.80	0	1.50	0
42		0 MWh			(0.00376)	0
43	<u>Substation Credit</u>					
44	Demand	0 kW	(0.30)	0	(0.30)	0
45	Energy	0 MWh	(0.0004)	0	(0.0004)	0
46	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
47	Nuclear Decommissioning	0 MWh	0.001234	0	0.001234	0
48	Securitization Bond	0 MWh	0.00393	0	0.00393	0
49	Securitization Bond Tax	0 MWh	0.00121	0	0.00121	0
50	Renewable Energy	0 Meter	0.05	0	0.05	0
51	Choice Implementation	0 MWh	0.0005	0	0.0005	0
52	Rate Reduction Credit	0 MWh	(0.00005)	0		
53	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
54	Distribution Rate Increase Surcharge	0 MWh	0.00000	0	0.000166	0
55	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
56	Total D7	5,484,416 MWh	5.58¢	305,895	5.59¢	306,806
57	Increase/Decrease (\$)					911

Interruptible Supply Rate - D8

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply Demand	1,510,307 kW	8.46	12,777	8.46	12,777
2	Product Protection Demand	175,501 kW	10.93	1,918	10.93	1,918
3						
4	Energy					
5	On-Peak	218,985 MWh	0.02364	5,177	0.03104	6,797
6	Off-Peak	594,469 MWh	0.02064	12,270	0.02804	16,669
7	Total Energy	813,454 MWh				
8						
9	Voltage Level Discount					
10	Subtransmission	63,536 MWh	(0.0010)	-64	(0.0010)	-64
11	Transmission	24,399 MWh	(0.0015)	-37	(0.0015)	-37
12	Power Supply Subtotal	813,454		32,042		38,061
13						
14	PSCR	813,454 MWh	0.00740	6,020	0.00000	0
15	RARS	813,454 MWh	0.000898	730	0.000898	730
16	Total Full Service Power Supply	813,454 MWh	4.77¢	38,792	4.77¢	38,792
17						
18	Full Service Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
19						
20	Service Charge	153 Cust.	275	505	275	505
21						
22	Distribution Charges					
23	Primary	1,710,886 kW	3.50	5,988	3.50	5,988
24		725,520 MWh	0.00625	4,534	0.00620	4,498
25	Subtransmission	154,758 kW	2.40	371	2.40	371
26		63,536 MWh	0.00625	397	0.00620	394
27	Transmission	93,755 kW	1.55	145	1.55	145
28		24,399 MWh	0.00625	152	0.00620	151
29	Substation Credit					
30	Demand	0 kW	(0.30)	0	(0.30)	0
31	Energy	0 MWh	(0.0004)	0	(0.0004)	0
32	Distribution System	813,454 MWh	1.49¢	12,094	1.48¢	12,053
33						
34	Nuclear Decommissioning	813,454 MWh	0.001234	1,004	0.001234	1,004
35	Securitization Bond	813,454 MWh	0.00393	3,197	0.00393	3,197
36	Securitization Bond Tax	813,454 MWh	0.00121	984	0.00121	984
37	Renewable Energy	153 Meter	0.05	0	0.05	0
38	Choice Implementation	813,454 MWh	0.0005	407	0.0005	407
39	Rate Reduction Credit	813,454 MWh	(0.00005)	(41)		
40	Distribution Subtotal	813,454 MWh	2.17¢	17,645	2.17¢	17,645
41						
42	Distribution Rate Increase Surcharge	813,454 MWh	0.00000	0	0.000554	451
43	Total Full Service Distribution	813,454 MWh	2.17¢	17,645	2.22¢	18,096
44	Total Full Service D8	813,454 MWh	6.94¢	56,437	6.99¢	56,888
45						
46	Choice Distribution D8	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
47						
48	Service Charge	0 Cust.	275	0	275	0
49						
50	Distribution Charges					
51	Primary	0 kW	3.20	0	3.50	0
52		0 MWh			0.00620	0
53	Subtransmission	0 kW	1.20	0	2.40	0
54		0 MWh			0.00620	0
55	Transmission	0 kW	0.80	0	1.55	0
56		0 MWh			0.00620	0
57	Substation Credit					
58	Demand	0 kW	(0.30)	0	(0.30)	0
59	Energy	0 MWh	(0.0004)	0	(0.0004)	0
60	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
61						
62	Nuclear Decommissioning	0 MWh	0.001234	0	0.001234	0
63	Securitization Bond	0 MWh	0.00393	0	0.00393	0
64	Securitization Bond Tax	0 MWh	0.00121	0	0.00121	0
65	Renewable Energy	0 Meter	0.05	0	0.05	0
66	Choice Implementation	0 MWh	0.0005	0	0.0005	0
67	Rate Reduction Credit	0 MWh	(0.00005)	0		
68	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
69						
70	Distribution Rate Increase Surcharge	0 MWh	0.00000	0	0.000554	0
71	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
72						
73	Total D8	813,454 MWh	6.94¢	56,437	6.99¢	56,888
74	Increase/Decrease (\$)					451

The Detroit Edison Company
U-14838 Present and Proposed Revenue

All Electric School Building Rate - D10

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 29 of 41
Witness: E. L. Falletich

Line No.	(a) Description	(b) Billing Determinants Quantity Units	(c) Present Rate Revenue (\$000)	(d) Proposed Rate Revenue (\$000)
	Full Service Power Supply			
1	Energy			
2	Energy -- Winter	32,674 MWh	\$0.04403 1,439	\$0.05143 1,680
3	Energy -- Summer	16,955 MWh	\$0.06073 1,030	\$0.06813 1,155
4	Total Energy	49,630 MWh		
5	Power Supply Subtotal	49,630	2,468	2,836
6				
7	PSCR	49,630 MWh	0.00740 367	0.00000 0
8	RARS	49,630 MWh	0.000898 45	0.000898 45
9	Total Full Service Power Supply	49,630 MWh	5.80¢ 2,880	5.80¢ 2,880
10				
11	Full Service Distribution			
12				
13	Service Charge	51 Cust.	108 66	108 66
14	Distribution Charges			
15	Primary	49,630 MWh	0.02564 1,273	0.02559 1,270
16	Distribution System	49,630 MWh	2.70¢ 1,339	2.69¢ 1,336
17				
18	Nuclear Decommissioning	49,630 MWh	0.001234 61	0.001234 61
19	Securitization Bond	49,630 MWh	0.00393 195	0.00393 195
20	Securitization Bond Tax	49,630 MWh	0.00121 60	0.00121 60
21	Renewable Energy	51 Meter	0.05 0	0.05 0
22	Choice Implementation	49,630 MWh	0.0005 25	0.0005 25
23	Rate Reduction Credit	49,630 MWh	(0.00005) (2)	
24	Distribution Subtotal	49,630 MWh	3.38¢ 1,677	3.38¢ 1,677
25				
26	Distribution Rate Increase Surcharge	49,630 MWh	0.00000 0	0.000864 43
27	Total Full Service Distribution	49,630 MWh	3.38¢ 1,677	3.47¢ 1,720
28	Total Full Service D10	49,630 MWh	9.18¢ 4,557	9.27¢ 4,600
29				
30	Choice Distribution D10			
31				
32	Service Charge	0 Cust.	108 0	108 0
33				
34	Distribution Charges			
35	Primary	0 MWh	0.01322 0	0.02559 0
36	Distribution System	0 MWh	#DIV/0! 0	#DIV/0! 0
37				
38	Nuclear Decommissioning	0 MWh	0.001234 0	0.001234 0
39	Securitization Bond	0 MWh	0.00393 0	0.00393 0
40	Securitization Bond Tax	0 MWh	0.00121 0	0.00121 0
41	Renewable Energy	0 Meter	0.05 0	0.05 0
42	Choice Implementation	0 MWh	0.0005 0	0.0005 0
43	Rate Reduction Credit	0 MWh	(0.00005) 0	
44	Distribution Subtotal	0 MWh	#DIV/0! 0	#DIV/0! 0
45				
46	Distribution Rate Increase Surcharge	0 MWh	0.00000 0	0.000864 0
47	Total Choice Distribution	0 MWh	#DIV/0! 0	#DIV/0! 0
48				
49	Total D10	49,630 MWh	9.18¢ 4,557	9.27¢ 4,600
50	Increase/Decrease (\$)			43

Alternative Metal Melting Rider - R1.1

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Energy					
2	Secondary					
3	First 100 Hours Use	1,723 MWh	\$0.06943	120	\$0.07683	132
4	Excess Hours Use	867 MWh	\$0.04002	35	\$0.04742	41
5	Primary					
6	First 100 Hours Use	8,925 MWh	\$0.06128	547	\$0.06868	613
7	Excess Hours Use	3,450 MWh	\$0.03423	118	\$0.04163	144
8	Subtransmission					
9	First 100 Hours Use	18,967 MWh	\$0.06057	1,149	\$0.06797	1,289
10	Excess Hours Use	40,577 MWh	\$0.03314	1,345	\$0.04054	1,645
11	Transmission					
12	First 100 Hours Use	0 MWh	\$0.05928	0	\$0.06668	0
13	Excess Hours Use	0 MWh	\$0.03261	0	\$0.04001	0
14	Total Energy	74,509 MWh				
15	Power Supply Subtotal	74,509 MWh		3,313		3,864
16						
17	PSCR	74,509 MWh	0.00740	551	0.00000	0
18	RARS	74,509 MWh	0.000898	67	0.000898	67
19	Total Full Service Power Supply	74,509 MWh	5.28¢	3,931	5.28¢	3,931
20						
21	Full Service Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
22	Distribution Charges					
23	Secondary					
24	First 100 Hours Use	1,723 MWh	\$0.02154	37	\$0.02149	37
25	Excess Hours Use	867 MWh	\$0.01104	10	\$0.01099	10
26	Primary					
27	First 100 Hours Use	8,925 MWh	\$0.01876	167	\$0.01871	167
28	Excess Hours Use	3,450 MWh	\$0.00944	33	\$0.00939	32
29	Subtransmission					
30	First 100 Hours Use	18,967 MWh	\$0.01859	353	\$0.01854	352
31	Excess Hours Use	40,577 MWh	\$0.00901	366	\$0.00896	364
32	Transmission					
33	First 100 Hours Use	0 MWh	\$0.01837	0	\$0.01832	0
34	Excess Hours Use	0 MWh	\$0.00902	0	\$0.00897	0
35	Substation Credit					
36	Energy	4,200 MWh	\$0.0030	13	\$0.0030	13
37	Distribution System	74,509 MWh	1.31¢	977	1.31¢	974
38						
39	Nuclear Decommissioning	74,509 MWh	0.001234	92	0.001234	92
40	Securitization Bond	74,509 MWh	0.00393	293	0.00393	293
41	Securitization Bond Tax	74,509 MWh	0.00121	90	0.00121	90
42	Renewable Energy	100 Meter	0.05	0	0.05	0
43	Choice Implementation	74,509 MWh	0.0005	37	0.0005	37
44	Rate Reduction Credit	74,509 MWh	(0.00005)	(4)		
45	Distribution Subtotal	74,509 MWh	1.99¢	1,486	1.99¢	1,486
46						
47	Distribution Rate Increase Surcharge	74,509 MWh	0.00000	0	0.000510	38
48	Total Full Service Distribution	74,509 MWh	1.99¢	1,486	2.05¢	1,524
49	Total Full Service R1.1	74,509 MWh	7.27¢	5,417	7.32¢	5,455
50						
51	Choice Distribution R1.1	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
52	Distribution Charges					
53	Secondary					
54	First 100 Hours Use	0 MWh	\$0.02224	0	\$0.02149	0
55	Excess Hours Use	0 MWh	\$0.01173	0	\$0.01099	0
56	Primary					
57	First 100 Hours Use	0 MWh	\$0.01923	0	\$0.01871	0
58	Excess Hours Use	0 MWh	\$0.00991	0	\$0.00939	0
59	Subtransmission					
60	First 100 Hours Use	0 MWh	\$0.01907	0	\$0.01854	0
61	Excess Hours Use	0 MWh	\$0.00950	0	\$0.00896	0
62	Transmission					
63	First 100 Hours Use	0 MWh	\$0.01885	0	\$0.01832	0
64	Excess Hours Use	0 MWh	\$0.00950	0	\$0.00897	0
65	Substation Credit					
66	Energy	0 MWh	\$0.0030	0	\$0.0030	0
67	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
68						
69	Nuclear Decommissioning	0 MWh	0.001234	0	0.001234	0
70	Securitization Bond	0 MWh	0.00393	0	0.00393	0
71	Securitization Bond Tax	0 MWh	0.00121	0	0.00121	0
72	Renewable Energy	0 Meter	0.05	0	0.05	0
73	Choice Implementation	0 MWh	0.0005	0	0.0005	0
74	Rate Reduction Credit	0 MWh	(0.00005)	0		
75	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
76						
77	Distribution Rate Increase Surcharge	0 MWh	0.00000	0	0.000510	0
78	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
79						
80	Total R1.1	74,509 MWh	7.27¢	5,417	7.32¢	5,455
81	Increase/Decrease (\$)					38

Electric Process Heat Rider - R1.2

Line No.	(a) Description	(b) Billing Determinants Quantity Units	(c) Present Rate Revenue (\$000)	(d) Proposed Rate Revenue (\$000)
	Full Service Power Supply			
1	Energy			
2	Secondary			
3	First 100 Hours Use	15,724 MWh	\$0.06943 1,092	\$0.07683 1,208
4	Excess Hours Use	30,185 MWh	\$0.04002 1,208	\$0.04742 1,431
5	Primary			
6	First 100 Hours Use	94,605 MWh	\$0.06128 5,797	\$0.06868 6,497
7	Excess Hours Use	252,335 MWh	\$0.03423 8,637	\$0.04163 10,505
8	Subtransmission			
9	First 100 Hours Use	9,682 MWh	\$0.06057 586	\$0.06797 658
10	Excess Hours Use	22,940 MWh	\$0.03314 760	\$0.04054 930
11	Transmission			
12	First 100 Hours Use	0 MWh	\$0.05928 0	\$0.06668 0
13	Excess Hours Use	0 MWh	\$0.03261 0	\$0.04001 0
14	Total Energy	425,471 MWh		
15	Power Supply Subtotal	425,471 MWh	18,081	21,230
16				
17	PSCR	425,471 MWh	0.00740 3,148	0.00000 0
18	RARS	425,471 MWh	0.000898 382	0.000898 382
19	Total Full Service Power Supply	425,471 MWh	5.08¢ 21,612	5.08¢ 21,612
20				
21	Full Service Distribution	Quantity Units	Rate Revenue (\$000)	Rate Revenue (\$000)
22	Distribution Charges			
23	Secondary			
24	First 100 Hours Use	15,724 MWh	\$0.02154 339	\$0.02149 338
25	Excess Hours Use	30,185 MWh	\$0.01104 333	\$0.01099 332
26	Primary			
27	First 100 Hours Use	94,605 MWh	\$0.01876 1,775	\$0.01871 1,770
28	Excess Hours Use	252,335 MWh	\$0.00944 2,382	\$0.00939 2,369
29	Subtransmission			
30	First 100 Hours Use	9,682 MWh	\$0.01859 180	\$0.01854 180
31	Excess Hours Use	22,940 MWh	\$0.00901 207	\$0.00896 206
32	Transmission			
33	First 100 Hours Use	0 MWh	\$0.01837 0	\$0.01832 0
34	Excess Hours Use	0 MWh	\$0.00902 0	\$0.00897 0
35	Substation Credit			
36	Energy	0 MWh	\$0.0030 0	\$0.0030 0
37	Distribution System	425,471 MWh	1.23¢ 5,215	1.22¢ 5,194
38				
39	Nuclear Decommissioning	425,471 MWh	0.001234 525	0.001234 525
40	Securitization Bond	425,471 MWh	0.00393 1,672	0.00393 1,672
41	Securitization Bond Tax	425,471 MWh	0.00121 515	0.00121 515
42	Renewable Energy	100 Meter	0.05 0	0.05 0
43	Choice Implementation	425,471 MWh	0.0005 213	0.0005 213
44	Rate Reduction Credit	425,471 MWh	(0.00005) (21)	
45	Distribution Subtotal	425,471 MWh	1.91¢ 8,119	1.91¢ 8,119
46				
47	Distribution Rate Increase Surcharge	425,471 MWh	0.00000 0	0.000488 208
48	Total Full Service Distribution	425,471 MWh	1.91¢ 8,119	1.96¢ 8,326
49	Total Full Service R1.2	425,471 MWh	6.99¢ 29,731	7.04¢ 29,938
50				
51	Choice Distribution R1.2	Quantity Units	Rate Revenue (\$000)	Rate Revenue (\$000)
52	Distribution Charges			
53	Secondary			
54	First 100 Hours Use	0 MWh	\$0.02224 0	\$0.02149 0
55	Excess Hours Use	0 MWh	\$0.01173 0	\$0.01099 0
56	Primary			
57	First 100 Hours Use	0 MWh	\$0.01923 0	\$0.01871 0
58	Excess Hours Use	0 MWh	\$0.00991 0	\$0.00939 0
59	Subtransmission			
60	First 100 Hours Use	0 MWh	\$0.01907 0	\$0.01854 0
61	Excess Hours Use	0 MWh	\$0.00950 0	\$0.00896 0
62	Transmission			
63	First 100 Hours Use	0 MWh	\$0.01885 0	\$0.01832 0
64	Excess Hours Use	0 MWh	\$0.00950 0	\$0.00897 0
65	Substation Credit			
66	Energy	0 MWh	\$0.0030 0	\$0.0030 0
67	Distribution System	0 MWh	#DIV/0! 0	#DIV/0! 0
68				
69	Nuclear Decommissioning	0 MWh	0.001234 0	0.001234 0
70	Securitization Bond	0 MWh	0.00393 0	0.00393 0
71	Securitization Bond Tax	0 MWh	0.00121 0	0.00121 0
72	Renewable Energy	0 Meter	0.05 0	0.05 0
73	Choice Implementation	0 MWh	0.0005 0	0.0005 0
74	Rate Reduction Credit	0 MWh	(0.00005) 0	
75	Distribution Subtotal	0 MWh	#DIV/0! 0	#DIV/0! 0
76				
77	Distribution Rate Increase Surcharge	0 MWh	0.00000 0	0.000488 0
78	Total Choice Distribution	0 MWh	#DIV/0! 0	#DIV/0! 0
79				
80	Total R1.2	425,471 MWh	6.99¢ 29,731	7.04¢ 29,938
81	Increase/Decrease (\$)			208
82				
83				

Parallel Operation And Standby Service Rider - R3

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
	Full Service Power Supply	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Power Supply Demand					
2	Generation Reservation Fee	280,895 kW	0.63	177	0.63	177
3	Daily Demand	795,998 kW	0.73	581	0.73	581
4	Maintenance Demand	77,140 kW	0.40	31	0.40	31
5	Maximum Billing Demand	58,110 kW	11.56	672	11.56	672
6						
7	Energy					
8	Secondary	6,966 MWh	0.04935	344	0.05675	395
9	Primary On-Peak	14,582 MWh	0.02364	345	0.03104	453
10	Primary Off-Peak	71,196 MWh	0.02064	1,469	0.02804	1,996
11	Total Energy	92,744 MWh				
12	Secondary Energy Credit	962 MWh	(0.00760)	(7)	(0.00760)	(7)
13	Voltage Level Discount					
14	Subtransmission	82,056 MWh	(0.00100)	(82)	(0.00100)	(82)
15	Transmission	422 MWh	(0.00150)	(1)	(0.00150)	(1)
16	Power Supply Subtotal	92,744		3,529		4,215
17						
18	PSCR	92,744 MWh	0.00740	686	0.00000	0
19	RARS	92,744 MWh	0.000898	83	0.000898	83
20	Total Full Service Power Supply	92,744 MWh	4.63¢	4,298	4.63¢	4,298
21						
22	Full Service Distribution	Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
23	Service Charge					
24	Secondary	22 Cust.	70	18	70	18
25	Primary	16 Cust.	210	40	210	40
26						
27	Distribution Charges					
28	Secondary	50,765 kW	0	0	6.05	307
29		6,966 MWh	0.04409	307	(0.00005)	0
30	Primary	32,170 kW	4.77	153	4.77	153
31		3,300 MWh			(0.00005)	0
32	Subtransmission	390,533 kW	2.77	1,082	2.77	1,082
33		82,056 MWh			(0.00005)	-4
34	Transmission	125,488 kW	2.37	297	2.37	297
35		422 MWh			(0.00005)	0
36	Substation Credit					
37	Demand	52,271 kW	(0.30)	(16)	(0.30)	(16)
38	Energy	38,444 MWh	(0.0004)	(15)	(0.0004)	(15)
39	Distribution System	92,744 MWh	2.01¢	1,868	2.01¢	1,863
40						
41	Nuclear Decommissioning	92,744 MWh	0.001234	114	0.001234	114
42	Securitization Bond	92,744 MWh	0.00393	364	0.00393	364
43	Securitization Bond Tax	92,744 MWh	0.00121	112	0.00121	112
44	Renewable Energy	38 Meter	0.05	0	0.05	0
45	Choice Implementation	92,744 MWh	0.0005	46	0.0005	46
46	Rate Reduction Credit	92,744 MWh	(0.00005)	(5)		
47	Distribution Subtotal	92,744 MWh	2.70¢	2,500	2.70¢	2,500
48						
49	Distribution Rate Increase Surcharge	92,744 MWh	0.00000	0	0.000689	64
50	Total Full Service Distribution	92,744 MWh	2.70¢	2,500	2.76¢	2,564
51	Total Full Service R3	92,744 MWh	7.33¢	6,799	7.40¢	6,863
52	Increase/Decrease (\$)					64

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Interruptible Supply Rider - R10

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 33 of 41
Witness: E. L. Falletich

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
1	Full Service Power Supply					
2	Capacity Charge	1,293,982 MWh	0.01583	20,484	0.01583	20,484
3	Hourly Power Supply Cost	1,293,982 MWh	0.04774	61,775	0.04774	61,775
4	<u>Voltage Level Service Adder</u>					
5	Primary	53,086 MWh	8% of HPSC	203	8% of HPSC	203
6	Subtransmission	581,069 MWh	3% of HPSC	832	3% of HPSC	832
7	Transmission	659,827 MWh	1% of HPSC	315	1% of HPSC	315
8	Power Supply Subtotal	1,293,982		83,608		83,608
9	RARS	1,293,982 MWh	0.000898	1,162	0.000898	1,162
10	Total Full Service Power Supply	1,293,982 MWh	6.55¢	84,770	6.55¢	84,770
11	Full Service Distribution					
12		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
13	Service Charge	58 Cust.	275	191	275	191
14	<u>Distribution Charges</u>					
15	Primary	312,314 kW	3.45	1,077	3.44	1,074
16	Subtransmission	1,685,129 kW	2.29	3,859	2.28	3,839
17	Transmission	3,409,118 kW	1.47	5,011	1.46	4,971
18	<u>Substation Credit</u>					
19	Demand	696,393 kW	(0.30)	(209)	(0.30)	(209)
20	Energy	290,121 MWh	(0.0004)	(116)	(0.0004)	(116)
21	Distribution System	1,293,982 MWh	0.76¢	9,814	0.75¢	9,750
22	Nuclear Decommissioning	1,293,982 MWh	0.001234	1,597	0.001234	1,597
23	Securitization Bond	1,293,982 MWh	0.00393	5,085	0.00393	5,085
24	Securitization Bond Tax	1,293,982 MWh	0.00121	1,566	0.00121	1,566
25	Renewable Energy	58 Meter	0.05	0	0.05	0
26	Choice Implementation	1,293,982 MWh	0.0005	647	0.0005	647
27	Rate Reduction Credit	1,293,982 MWh	(0.00005)	(65)		
28	Distribution Subtotal	1,293,982 MWh	1.44¢	18,644	1.44¢	18,644
29	Distribution Rate Increase Surcharge	1,293,982 MWh	0.00000	0	0.000368	477
30	Total Full Service Distribution	1,293,982 MWh	1.44¢	18,644	1.48¢	19,121
31	Total Full Service R10	1,293,982 MWh	7.99¢	103,415	8.03¢	103,891
32	Choice Distribution R10					
33		Quantity Units	Rate	Revenue (\$000)	Rate	Revenue (\$000)
34	Service Charge	0 Cust.	275	0	275	0
35	<u>Distribution Charges</u>					
36	Primary	0 kW	3.20	0	3.44	0
37	Subtransmission	0 kW	1.20	0	2.28	0
38	Transmission	0 kW	0.80	0	1.46	0
39	<u>Substation Credit</u>					
40	Demand	0 kW	(0.30)	0	(0.30)	0
41	Energy	0 MWh	(0.0004)	0	(0.0004)	0
42	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
43	Nuclear Decommissioning	0 MWh	0.001234	0	0.001234	0
44	Securitization Bond	0 MWh	0.00393	0	0.00393	0
45	Securitization Bond Tax	0 MWh	0.00121	0	0.00121	0
46	Renewable Energy	0 Meter	0.05	0	0.05	0
47	Choice Implementation	0 MWh	0.0005	0	0.0005	0
48	Rate Reduction Credit	0 MWh	(0.00005)	0		
49	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
50	Distribution Rate Increase Surcharge	0 MWh	0.00000	0	0.000368	0
51	Total Choice Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
52	Total R10	1,293,982 MWh	7.99¢	103,415	8.03¢	103,891
53	Increase/Decrease (\$)					477

Line No.	(a) Description	(b) Billing Determinants		(c) Present Rate	(d) Present Revenue (\$000)	(e) Proposed Rate	(f) Proposed Revenue (\$000)
	Full Service	<u>Quantity</u>	<u>Units</u>				
1	Base	2,141,159	MWh		113,666		128,269
2							
3	Surcharges:						
4	PSCR	1,973,320	MWh	0.007400	14,603	0.000000	0
5	RARS	2,141,159	MWh	0.000543	1,163	0.000543	1,163
6	Nuclear Decommissioning	2,141,159	MWh	0.0006971	1,493	0.0006971	1,493
7	Securitization Bond	2,141,159	MWh	0.00393	8,415	0.00393	8,415
8	Securitization Bond Tax	2,141,159	MWh	0.00121	2,591	0.00121	2,591
9	Renewable Energy	455	Meter	0.05	0	0.05	0
10	Choice Implementation	2,141,159	MWh	0.0005	1,071	0.0005	1,071
11	Rate Reduction Credit	2,141,159	MWh	(0.00005)	(107)		(107)
12	Rate Reduction Credit Reversal						(107)
13	Distribution Rate Increase Surcharge	2,141,159	MWh	0.000000	0	0.000597	1,278
14	Total Full Service LCC	2,141,159	MWh	6.67¢	142,894	6.73¢	144,172
15	Increase/Decrease (\$)						1,278

The Detroit Edison Company
U-14838 Present and Proposed Revenue

E1 Street Lighting - Option I

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 35 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
	Description	Billing Determinants		Present		Proposed	
Line No.	Overhead	Quantity	Units	Rate (\$/lamp/yr)	Revenue (\$000)	Rate (\$/lamp/yr)	Revenue (\$000)
1	Hg Vapor						
2	100 W	383	Lamps	117.60	45	117.48	45
3	175 W	50,550	Lamps	151.80	7,673	151.68	7,667
4	250 W	1,647	Lamps	171.36	282	171.24	282
5	400 W	10,543	Lamps	228.84	2,413	228.72	2,411
6	1,000 W	142	Lamps	410.04	58	409.80	58
7	Na Vapor						
8	70 W	1,508	Lamps	166.44	251	166.32	251
9	100 W	19,214	Lamps	175.08	3,364	174.96	3,362
10	250 W	10,421	Lamps	223.92	2,333	223.80	2,332
11	360 W	0	Lamps	291.24	0	291.00	0
12	400 W	2,417	Lamps	291.24	704	291.00	703
13	1,000 W	147	Lamps	498.12	73	497.76	73
14							
15	De-Energized						
16	Hg Vapor						
17	100 W	0	Lamps	70.56	0	70.44	0
18	175 W	3	Lamps	91.08	0	90.96	0
19	250 W	0	Lamps	102.84	0	102.72	0
20	400 W	0	Lamps	137.28	0	137.28	0
21	1,000 W	0	Lamps	246.00	0	245.88	0
22							
23	Na Vapor						
24	70 W	0	Lamps	99.84	0	99.84	0
25	100 W	2	Lamps	105.00	0	105.00	0
26	250 W	1	Lamps	134.40	0	134.28	0
27	360 W	0	Lamps	174.72	0	174.60	0
28	400 W	33	Lamps	174.72	6	174.60	6
29	1,000 W	0	Lamps	298.92	0	298.68	0
30							
31	Dusk-Midnight						
32	Hg Vapor						
33	100 W	0	Lamps	104.88	0	104.76	0
34	175 W	5	Lamps	129.60	1	129.48	1
35	250 W	0	Lamps	139.56	0	139.44	0
36	400 W	6	Lamps	177.96	1	177.84	1
37	1,000 W	0	Lamps	282.84	0	282.60	0
38							
39	Na Vapor						
40	70 W	0	Lamps	157.56	0	157.44	0
41	100 W	1	Lamps	162.36	0	162.24	0
42	250 W	5	Lamps	192.12	1	192.00	1
43	360 W	0	Lamps	245.40	0	245.16	0
44	400 W	4	Lamps	240.36	1	240.12	1
45	1,000 W	0	Lamps	370.92	0	370.56	0
46							
47	Multiple Lamp Discount	857	Lamps	(12.24)	(10)	-12.24	(10)
48	Subtotal				17,196		17,184
49							
50	Nuclear Decomm.			0.265%	46	0.265%	46
51							
52	RARS			1.26%	217	1.26%	217
53							
54	Rate Reduction Credit			(0.07%)	(12)	0.00%	0
55	Sub-Total				17,447		17,446.52
56							
57	Distribution Rate Increase					1.92%	334.97
58	Total				17,447		17,781
59	Increase/Decrease (\$)						335

The Detroit Edison Company
U-14838 Present and Proposed Revenue

E1 Street Lighting - Option I

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
	Description	Billing Determinants		Present	Proposed		
Line No.	Co. Owned Ornamental	Quantity	Units	Rate (\$/lamp/yr)	Revenue (\$000)	Rate (\$/lamp/yr)	Revenue (\$000)
1	Hg Vapor						
2	100 W	55	Lamps	265.56	15	265.32	15
3	175 W	12,375	Lamps	302.40	3,742	302.16	3,739
4	250 W	363	Lamps	331.68	120	331.44	120
5	400 W	8,076	Lamps	394.08	3,183	393.84	3,181
6	1,000 W	450	Lamps	550.80	248	550.44	248
7	Na Vapor						
8	70 W	90	Lamps	276.60	25	276.36	25
9	100 W	23,590	Lamps	285.12	6,726	284.88	6,720
10	250 W	14,064	Lamps	363.48	5,112	363.24	5,109
11	360 W	0	Lamps	446.76	0	446.40	0
12	400 W	5,417	Lamps	446.76	2,420	446.40	2,418
13	1,000 W	15	Lamps	572.88	9	572.52	9
14							
15	De-Energized						
16	Hg Vapor						
17	100 W	0	Lamps	159.36	0	159.24	0
18	175 W	4	Lamps	181.44	1	181.32	1
19	250 W	0	Lamps	198.96	0	198.84	0
20	400 W	19	Lamps	236.40	4	236.28	4
21	1,000 W	0	Lamps	330.48	0	330.24	0
22							
23	Na Vapor						
24	70 W	0	Lamps	165.96	0	165.84	0
25	100 W	1	Lamps	171.12	0	170.88	0
26	250 W	0	Lamps	218.04	0	217.92	0
27	360 W	0	Lamps	268.08	0	267.84	0
28	400 W	0	Lamps	268.08	0	267.84	0
29	1,000 W	0	Lamps	343.68	0	343.56	0
30							
31	Dusk-Midnight						
32	Hg Vapor						
33	100 W	0	Lamps	252.84	0	252.60	0
34	175 W	0	Lamps	280.20	0	279.96	0
35	250 W	0	Lamps	299.88	0	299.64	0
36	400 W	0	Lamps	343.20	0	342.96	0
37	1,000 W	0	Lamps	423.60	0	423.24	0
38							
39	Na Vapor						
40	70 W	0	Lamps	267.72	0	267.48	0
41	100 W	0	Lamps	272.40	0	272.16	0
42	250 W	40	Lamps	331.68	13	331.44	13
43	360 W	0	Lamps	400.92	0	400.56	0
44	400 W	0	Lamps	395.88	0	395.52	0
45	1,000 W	0	Lamps	445.68	0	445.32	0
46							
47	Long Span Charge	41,029		24.48	1,004	24.48	1,004
48	Multiple Lamp Discount	1,640		(97.92)	(161)	-97.92	(161)
49	Multiple Lamp Discount - Long Span	1,797		(122.40)	(220)	-122.40	(220)
50	Semi-Ornamental Discount	742		(21.48)	(16)	-21.48	(16)
51	Multiple Lamp Discount - Semi-Orn.	10		(76.56)	(1)	-76.56	(1)
52	Subtotal				22,224		22,208
53							
55	Nuclear Decomm.			0.265%	59	0.265%	59
56							
57	RARS			1.26%	280	1.26%	280
58							
59	Rate Reduction Credit			(0.07%)	(16)	0.00%	0
60	Sub-Total				22,547		22,547.00
61							
62	Distribution Rate Increase					1.92%	432.90
63	Total				22,547		22,980
64	Increase/Decrease (\$)						433

The Detroit Edison Company
U-14838 Present and Proposed Revenue

E1 Street Lighting - Option II

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)	
	Description	Billing Determinants		Present	Proposed		
Line No.	<u>Municipally Owned</u>	Quantity	Units	Rate (\$/lamp/yr)	Revenue (\$000)	Rate (\$/lamp/yr)	Revenue (\$000)
1	Hg Vapor						
2	175 W	45	Lamps	101.64	5	101.52	5
3	250 W	0	Lamps	129.84	0	129.72	0
4	400 W	215	Lamps	157.92	34	157.80	34
5	1000 W	0	Lamps	271.80	0	271.56	0
6	Na Vapor						
7	70 W	0	Lamps	83.28	0	83.28	0
8	100 W	23	Lamps	90.60	2	90.48	2
9	250 W	268	Lamps	134.64	36	134.52	36
10	360 W	0	Lamps	194.64	0	194.52	0
11	400 W	49	Lamps	194.64	10	194.52	10
12	1000 W	1	Lamps	348.84	0	348.60	0
13							
14	De-Energized						
15	Hg Vapor						
16	175 W	0	Lamps	10.20	0	10.20	0
17	250 W	0	Lamps	12.96	0	12.96	0
18	400 W	0	Lamps	15.84	0	15.84	0
19	1000 W	0	Lamps	27.24	0	27.12	0
20							
21	Na Vapor						
22	70 W	0	Lamps	8.28	0	8.28	0
23	100 W	0	Lamps	9.12	0	9.00	0
24	250 W	0	Lamps	13.44	0	13.44	0
25	360 W	0	Lamps	19.44	0	19.44	0
26	400 W	0	Lamps	19.44	0	19.44	0
27	1000 W	0	Lamps	34.92	0	34.92	0
28							
29	Dusk-Midnight						
30	Hg Vapor						
31	175 W	0	Lamps	79.44	0	79.32	0
32	250 W	0	Lamps	98.04	0	97.92	0
33	400 W	0	Lamps	107.04	0	106.92	0
34	1000 W	0	Lamps	144.60	0	144.36	0
35							
36	Na Vapor						
37	70 W	0	Lamps	74.40	0	74.40	0
38	100 W	0	Lamps	77.88	0	77.76	0
39	250 W	0	Lamps	102.84	0	102.72	0
40	360 W	0	Lamps	148.80	0	148.68	0
41	400 W	0	Lamps	143.76	0	143.64	0
42	1000 W	0	Lamps	221.64	0	221.40	0
43	Subtotal			86.58		86.51	
44							
45	Nuclear Decommissioning			0.265%	0.23	0.265%	0.23
46							
47	RARS			1.26%	1.09	1.26%	1.09
48							
49	Rate Reduction Credit			(0.07%)	0	0.00%	0
50	Sub-Total			88		88	
51							
52	Distribution Rate Increase					1.92%	2
53	Total			88		90	
54	Increase/Decrease (\$)					2	

The Detroit Edison Company
U-14838 Present and Proposed Revenue

E1 Street Lighting - Option III

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
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Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
Line No.		Quantity Load (kW)	Rate (c/watt)	Revenue (\$000)	Rate (c/watt)	Revenue (\$000)
1	Energy Only Service	0 0	2.67	0	2.67	0
2	50 Watt	15,305 1,071	2.67	344	2.67	343
3	70 Watt	2,197 220	2.67	71	2.67	71
4	100 Watt	31,426 4,714	2.67	1,513	2.67	1,512
5	150 Watt	638 112	2.67	36	2.67	36
6	175 Watt	0 0	2.67	0	2.67	0
7	200 Watt	2,534 634	2.67	203	2.67	203
8	250 Watt	28 9	2.67	3	2.67	3
9	310 Watt	4,062 1,625	2.67	521	2.67	521
10	400 Watt	22 22	2.67	7	2.67	7
11	1,000 Watt					
11	Subtotal	8,407		2,698		2,696
12						
13	Nuclear Decommissioning		0.265%	7	0.265%	7
14						
15	RARS		1.26%	34	1.26%	34
16						
17	Rate Reduction Credit		(0.07%)	(2)	(0.07%)	0
18	Sub-Total			2,737		2,737.00
19						
20	Distribution Rate Increase				1.92%	52
21	Total			2,737		2,789
22	Increase/Decrease (\$)					52

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Energy Only Street Lighting E1.1

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 39 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Description	Billing Determinants		Present	Proposed	
No.		Quantity	Units	Rate Revenue	Rate Revenue	
	Power Supply					
				((\$000))		((\$000))
1	Secondary Energy	26,363	MWh	\$0.02000 527	\$0.02740 722	
2	Dusk to Midnight	50	MWh	\$0.03387 2	\$0.04127 2	
3	Primary Energy	0	MWh	\$0.03552 0	\$0.04292 0	
4						
5	PSCR	26,413	MWh	\$0.00740 195	\$0.00000 0	
6	RARS	26,413	MWh	\$0.000898 24	\$0.000898 24	
7						
8	Total Power Supply	26,413	MWh	2.83¢ 748	2.83¢ 748	
9						
10	Full Service Distribution					
11						
12	Distribution Charge	26,413	MWh	\$0.02338 618	\$0.02337 617	
13	Distribution System	26,413	MWh	2.34¢ 618	2.34¢ 617	
14						
15	Nuclear Decomm.	26,413	MWh	\$0.001234 33	\$0.001234 33	
16	Secur. Bond	26,413	MWh	\$0.00393 104	\$0.00393 104	
17	Secur. Bond Tax	26,413	MWh	\$0.00121 32	\$0.00121 32	
18	Renewable Energy	0	Meter	\$0.05 0	\$0.05 0	
19	Choice Implementation	26,413	MWh	0.0005 13	0.0005 13	
20	Rate Reduction Credit	26,413	MWh	-0.00005 (1)	\$0.00000 0	
21	Distribution Subtotal	26,413	MWh	3.03¢ 799	3.03¢ 799	
22						
23	Distribution Rate Increase	26,413	MWh	\$0.00000 0	\$0.000773 20	
24						
25	Total Distribution	26,413	MWh	3.03¢ 799	3.10¢ 819	
26	Total Full Service	26,413	MWh	5.86¢ 1,547	5.93¢ 1,567	
27						
28	Choice Distribution	Quantity	Units	Rate Revenue	Rate Revenue	
29						
30	Distribution Charge	0	MWh	\$0.03175 0	\$0.02337 0	
31	Distribution System	0	MWh	#DIV/0! 0	#DIV/0! 0	
32						
33	Nuclear Decomm.	0	MWh	\$0.001234 0	\$0.001234 0	
34	Secur. Bond	0	MWh	\$0.00393 0	\$0.00393 0	
35	Secur. Bond Tax	0	MWh	\$0.00121 0	\$0.00121 0	
36	Renewable Energy	0	Meter	\$0.05 0	\$0.05 0	
37	Choice Implementation	0	MWh	0.0005 0	0.0005 0	
38	Rate Reduction Credit	0	MWh	-0.00005 0	-\$0.00005 0	
39	Distribution Subtotal	0	MWh	#DIV/0! 0	#DIV/0! 0	
40						
41	Distribution Rate Increase	0	MWh	\$0.00000 0	\$0.000773 0	
42						
43	Total Distribution	0	MWh	#DIV/0! 0	#DIV/0! 0	
44						
45	Total	26,413	MWh	5.86¢ 1,547	5.93¢ 1,567	
46	Increase/Decrease (\$)					20

The Detroit Edison Company
U-14838 Present and Proposed Revenue

E2 Traffic & Signal Lights

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 40 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
	Description	Billing Determinants	Present		Proposed	
Line No.		Load kW	Rate (c/Watt)	Revenue (\$000)	Rate (c/Watt)	Revenue (\$000)
1	Connected Load	113,890	3.36	3,822	3.35	3,819
2						
3	Nuclear Decommissioning		1.427%	55	1.427%	55
4						
5	RARS		1.26%	48	1.26%	48
6						
7	Rate Reduction Credit		(0.07%)	(3)	0.00%	0
8	Sub-Total	82,000 MWh		3,922		3,922
9						
10	Distribution Rate Increase				1.92%	75
11	Total			3,922		3,997
12	Increase/Decrease (\$)					75

The Detroit Edison Company
U-14838 Present and Proposed Revenue

Secondary Pumping E5

Case No.: U-14838
Exhibit: DE-13
Schedule: E6
Page: 41 of 41
Witness: E. L. Falletich

	(a)	(b)	(c)	(d)	(e)	(f)
Line	Description	Billing Determinants	Present		Present	
No.	Power Supply	Quantity Units	Rate	Revenue	Rate	Revenue
				(\$000)		(\$000)
1	Energy	109,300 MWh	\$0.04785	5,230	\$0.05525	6,039
2						
3	PSCR	109,300 MWh	\$0.00740	809	\$0.00000	0
4	RARS	109,300 MWh	\$0.000898	98	\$0.000898	98
5						
6	Total Power Supply	109,300 MWh	5.61¢	6,137	5.61¢	6,137
7						
8	Full Service Distribution					
9						
10	Service Charge	1,094 Cust.	\$10.85	142	\$10.85	142
11						
12	Distribution Charge	109,300 MWh	\$0.03341	3,652	\$0.03336	3,647
13	Distribution System	109,300 MWh	3.47¢	3,794	3.47¢	3,789
14						
15	Nuclear Decomm.	109,300 MWh	\$0.001234	135	\$0.001234	135
16	Secur. Bond	109,300 MWh	\$0.00393	430	\$0.00393	430
17	Secur. Bond Tax	109,300 MWh	\$0.00121	132	\$0.00121	132
18	Renewable Energy	1,094 Meter	\$0.05	1	\$0.05	1
19	Choice Implementation	109,300 MWh	0.0005	55	0.0005	55
20	Rate Reduction Credit	109,300 MWh	-0.00005	(5)	\$0.00000	0
21	Distribution Subtotal	109,300 MWh	4.16¢	4,542	4.16¢	4,542
22						
23	Distribution Rate Increase	109,300 MWh	\$0.00000	0	\$0.001062	116
24						
25	Total Distribution	109,300 MWh	4.16¢	4,542	4.26¢	4,658
26	Total Full Service	109,300 MWh	9.77¢	10,679	9.88¢	10,795
27						
28	Choice Distribution	Quantity Units	Rate	Revenue	Rate	Revenue
29						
30	Service Charge	0 Cust.	\$10.85	0	\$10.85	0
31						
32	Distribution Charge	0 MWh	\$0.02914	0	\$0.03336	0
33	Distribution System	0 MWh	#DIV/0!	0	#DIV/0!	0
34						
35	Nuclear Decomm.	0 MWh	\$0.001234	0	\$0.001234	0
36						
37	Secur. Bond	0 MWh	\$0.00393	0	\$0.00393	0
38	Secur. Bond Tax	0 MWh	\$0.00121	0	\$0.00121	0
39	Renewable Energy	0 Meter	\$0.05	0	\$0.05	0
40	Choice Implementation	0 MWh	0.0005	0	0.0005	0
41	Rate Reduction Credit	0 MWh	-0.00005	0	-\$0.00005	0
42	Distribution Subtotal	0 MWh	#DIV/0!	0	#DIV/0!	0
43						
44	Distribution Rate Increase	0 MWh	\$0.00000	0	\$0.001062	0
45						
46	Total Distribution	0 MWh	#DIV/0!	0	#DIV/0!	0
47						
48	Total	109,300 MWh	9.77¢	10,679	9.88¢	10,795
49	Increase/Decrease (\$)					116

The Detroit Edison Company 2007 Power Supply Cost Recovery Factor & Base

Line No.	(a)	(b)	(c) 2007
	PSCR Factor in Present Revenues		
1	Total Power Supply Costs (adjusted for R10,		
2	other interruptible, Wolverine)	(\$000's)	\$1,236,062
3	Estimated 2007 PEP Power Supply Savings	(\$000's)	\$30,000
4	Net 2007 Power Supply Costs	(\$000's)	\$1,206,062
5			
6	Net System Requirement (adjusted for R10,		
7	other interruptible, and 3rd party sales)	GWH	49,792
8	Unit Cost of Power Supply at Generation	mills/kWh	24.22
9	Existing B-4.6 Base Unit Cost at Generation	mills/kWh	17.32
10	Unit Cost Above (Below) Base	mills/kWh	6.90
11	Existing Rule B-4.8 Loss Factor		1.072
12	PSCR Factor Based on Sales	mills/kWh	7.40
13			
14			
15			
16			
17	Proposed PSCR Base		
18	Total Power Supply Costs (adjusted for R10,		
19	other interruptible, Wolverine)	(\$000's)	\$1,236,062
20	Estimated 2007 PEP Power Supply Savings	(\$000's)	\$30,000
21	Net 2007 Power Supply Costs	(\$000's)	\$1,206,062
22			
23	Net System Requirement (adjusted for R10,		
24	other interruptible, and 3rd party sales)	GWH	49,792
25	Proposed PSCR Base at Generation Level	mills/kWh	24.22
26			
27	2007 Proposed Loss Factor		1.076
28	Proposed PSCR Base at Sales Level	mills/kWh	26.07
29			
30	Loss Factor Calculation - 2007 Net System Output	GWH	53,625
31	- 2007 System Sales	GWH	49,820
32	- Proposed Loss Factor		1.076

Note: Power Supply Costs per DE-16, Sch. F11-1. Sales per DE-16, Sch. F1-2, Pg.2.

The Detroit Edison Company Choice Tracker Mechanism

Line	(a)	(b)	(c)	(d)	(e)	(f)
			C&I	Non-Auto C&I	Auto Rate D7	
No.	Illustration of CTM Reconciliation in 2008	Residential	Secondary	Primary	Primary	Total
1	Base Electric Choice Sales as Proposed by Edison (GWH)	0	2,100	1,300	0	3,400
2						
3	Illustrative Actual 2007 Electric Choice Sales	0	3,100	1,000	500	4,600
4	Change in Choice Sales From Base	0	1,000	(300)	500	1,200
5						
6	Proposed Non-Fuel Power Supply Price (¢/kWh)	2.99¢	2.96¢	2.63¢	2.27¢	
7	Increase/(Decrease) in Non-Fuel Power Supply Revenues (\$mill.)	\$0	\$30	(\$8)	\$11	\$33
8						
9	Illustrative 2008 Total Full-Service Metered Sales					50,000
10	Illustrative CTM Surcharge/Credit (¢/kWh)					0.066¢
11						
12						
13	Proposed Non-Fuel Power Supply Prices					
14	Proposed Total Power Supply Revenues (\$mill.)	\$938	\$508	\$744	\$270	
15	Less: RARS Surcharge Revenue	\$37	\$9	\$13	\$3	
16	Less: Proposed PSCR Base Revenues	\$420	\$234	\$364	\$143	
17	Proposed Non-Fuel Power Supply Revenues	\$482	\$265	\$368	\$124	
18						
19	Edison Proposed 2007 Full-Service Sales (GWH)	16,118	8,969	13,954	5,484	
20						
21	Proposed CTM Non-Fuel Power Supply Price	2.99¢	2.96¢	2.63¢	2.27¢	

Notes:

- Proposed Total Power Supply Revenues per Exhibit DE-13, Schedule E4, Page 3 of 4 per Lines 12, 25, 37 less 30, 30, Column (e)
- RARS Surcharge Revenues per Exhibit DE-13, Schedule E6.
- PSCR Base Revenues per Proposed PSCR Base at Sales Level (26.07 mills/kWh) * Proposed Full-Service Sales Level.

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The Detroit Edison Company

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(Revenues)

Line No.	(a)	(b) Actual 2005 Revenue (\$000's)	(c) 2007 Present Revenue (\$000's)	(d) Change in Revenue (\$000's)
	Residential			
1	D1 Residential	\$1,383,426	\$1,579,375	\$195,949
2	D1a Farm	\$3,413	\$3,915	\$502
3	D1.1 Int. Air	\$39,214	\$43,868	\$4,654
4	D1.2 TOD	\$96	\$118	\$22
5	D1.3 Sr. Citizen	\$34,294	\$36,457	\$2,163
6	D1.4 TOD	\$8,247	\$9,452	\$1,205
7	D1.5 Supp. Sp. Ht.	\$129	\$145	\$16
8	D1.7 TOD	\$2,300	\$3,185	\$885
9	D2 Space Ht.	\$28,285	\$32,756	\$4,471
10	D2a Farm	\$173	\$203	\$30
11	D5 Res. Water Ht.	\$15,508	\$18,814	\$3,306
12	Total Residential	\$1,515,085	\$1,728,288	\$213,203
13				
14	Commercial			
15	D1.1 Int. Air	\$687	\$797	\$110
16	D1.7 TOD	\$7	\$18	\$11
17	D3 Gen. Serv.	\$737,020	\$768,320	\$31,300
18	D3.1 Unmetered	\$9,149	\$9,633	\$484
19	D3.3 Interruptible	\$11,538	\$12,535	\$997
20	D3.4 TOD	\$92	\$85	(\$7)
21	D4 Lg. Gen. Serv.	\$102,197	\$209,716	\$107,519
22	D5 Com. Wat. Ht.	\$612	\$663	\$51
23	R7 Greenhs. Ltg.	\$80	\$100	\$20
24	R8 Space Cond.	\$6,845	\$7,017	\$172
25	Total Commercial	\$868,227	\$1,008,884	\$140,657
26				
27	Primary			
28	D6 Prim. Supply	\$672,255	\$781,421	\$109,166
29	D6.1 Alt. Primary	\$57,921	\$107,094	\$49,173
30	D7 Lg. Pri. Supply	\$286,075	\$305,895	\$19,820
31	D8 Int. Primary	\$44,134	\$56,437	\$12,303
32	D10 El. Schools	\$4,102	\$4,557	\$455
33	R1.1 Alt. Mtl. Melt.	\$4,180	\$5,417	\$1,237
34	R1.2 El. Pr. Htg.	\$28,754	\$29,731	\$977
35	R3 Standby	\$6,573	\$6,799	\$226
36	R10 Int. Supply	\$68,470	\$103,415	\$34,945
37	Total Industrial	\$1,172,464	\$1,400,766	\$228,302
38				
39	LCC/Other			
40	D9 Res. OPL	\$1,560	\$1,785	\$225
41	D9 Comm. OPL	\$4,381	\$4,171	(\$210)
42	E1 Street Lighting	\$42,020	\$42,819	\$799
43	E1.1 Eng. St. Ltg.	\$952	\$1,547	\$595
44	E2 Traffic Lights	\$3,472	\$3,922	\$450
45	E5 Sec. Pumping	\$7,878	\$10,679	\$2,801
46	LCC's	\$124,658	\$142,894	\$18,236
47	Total LCC/Other	\$184,921	\$207,817	\$22,896
48				
49	Total	\$3,740,697	\$4,345,755	\$605,058

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Residential Service Rate - D1

	(a)	(b)		(c)	(d)	
Line		2005			2007	
No.	Power Supply	Quantity	Units	Difference	Quantity	Units
1	Min.Ch. 2 KWH/Day	46,505	Cust.	894	47,399	Cust.
2	Sales Applied to Min.	37,645	MWh	(1,077)	36,568	MWh
3	Service Charge	1,835,366	Cust.	35,299	1,870,665	Cust.
4						
5	Power Supply Charges					
6	First 17 KWH/Day	9,528,859	MWh	306,987	9,835,846	MWh
7	Excess	5,478,797	MWh	(886,732)	4,592,065	MWh
8	Power Supply Subtotal	15,045,301	MWh	(580,822)	14,464,479	MWh
9						
10	Total Power Supply	15,045,301	MWh	(580,822)	14,464,479	MWh
11						
12	Full-Service Distribution	Quantity	Units		Quantity	Units
13						
14	Min.Ch. 2 KWH/Day	46,505	Cust.	894	47,399	Cust.
15	Sales Applied to Min.	37,645	MWh	(1,077)	36,568	MWh
16	Service Charge	1,835,366	Cust.	35,299	1,870,665	Cust.
17						
18	Distribution Charge	15,007,656	MWh	(579,745)	14,427,911	MWh
19						
20	Distribution Subtotal	15,045,301	MWh	(580,822)	14,464,479	MWh
21						
22	Total Full-ServiceDistribution	15,045,301	MWh	(580,822)	14,464,479	MWh
23						
24	Total Full-Service D1	15,045,301	MWh	(580,822)	14,464,479	MWh
25						
26	Choice Distribution D1	Quantity	Units		Quantity	Units
27						
28	Min.Ch. 2 KWH/Day	0	Cust.	0	0	Cust.
29	Sales Applied to Min.	0	MWh	0	0	MWh
30	Service Charge	0	Cust.	0	0	Cust.
31						
32	Distribution Charge	0	MWh	0	0	MWh
33						
34	Distribution Subtotal	0	MWh	0	0	MWh
35						
36	Total Choice Distribution	0	MWh	0	0	MWh
37						
38	Total D1	15,045,301	MWh	(580,822)	14,464,479	MWh

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Residential Farm Service Provision - D1a

Line No.	(a)	(b)		(c)	(d)	
		2005		Difference	2007	
	Power Supply	<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
1	Energy	36,798	MWh	(1,514)	35,284	MWh
2						
3	Total Power Supply	36,798	MWh	(1,514)	35,284	MWh
4						
5	Full-Service Distribution	<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
6						
7	Service Charge	1,722	Cust.	0	1,722	Cust.
8						
9	Distribution Charge	36,798	MWh	(1,514)	35,284	MWh
10						
11	Distribution System	36,798	MWh	(1,514)	35,284	MWh
12						
13	Total Full-Service Distribution	36,798	MWh	-1514	35,284	MWh
14						
15	Total Full-Service D1a	36,798	MWh	(1,514)	35,284	MWh
16						
17	Choice Distribution D1a	<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
18						
19	Service Charge	0	Cust.	0	0	Cust.
20						
21	Distribution Energy	0	MWh	0	0	MWh
22						
23	Distribution System	0	MWh	0	0	MWh
24						
25	Total Choice Distribution	0	MWh	0	0	MWh
26						
27	Total D1a	36,798	MWh	(1,514)	35,284	MWh

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Interruptible Space-Conditioning Service Rate - D1.1 Residential

		(a)	(b)	(c)	(d)
Line No.		2005		Difference	2007
	Power Supply	Quantity	Units		Quantity Units
1	Summer Energy	474,023	MWh	-46,668	427,355 MWh
2					
3	Winter Energy	13,006	MWh	9,487	22,493 MWh
4					
5	Total Power Supply	487,029	MWh	-37,181	449,848 MWh
6					
7	Full-Service Distribution				
8					
9	Service Charge	284,248	Cust.	6,926	291,174 Cust.
10			(5 months)		(5 months)
11	Distribution Charge	487,029	MWh	-37,181	449,848 MWh
12					
13	Distribution System	487,029	MWh	-37,181	449,848 MWh
14					
15	Total Full-Service Distribution	487,029	MWh	-37,181	449,848 MWh
16					
17	Total Full-Service D1.1	487,029	MWh	-37,181	449,848 MWh
18					
19	Choice Distribution D1.1				
20					
21	Service Charge	0	5 Mos.	0	0 5 Mos.
22					
23	Distribution Energy	0	MWh	0	0 MWh
24					
25	Distribution System	0	MWh	0	0 MWh
26					
27	Total Choice Distribution	0	MWh	0	0 MWh
28					
29	Total D1.1	487,029	MWh	-37,181	449,848 MWh

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Residential Time of Day Service Rate - D1.2

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Summer Energy					
2	On-Peak	140	MWh	(6)	134	MWh
3	Off-Peak	402	MWh	(17)	385	MWh
4						
5	Winter Energy					
6	On-Peak	156	MWh	(7)	149	MWh
7	Off-Peak	545	MWh	(42)	503	MWh
8						
9	Total Power Supply	1,243	MWh	(72)	1,171	MWh
10						
11	Full-Service Distribution					
12						
13	Service Charge	31	Cust.	0	31	Cust.
14						
15	Distribution Energy	1,243	MWh	(72)	1,171	MWh
16						
17	Distribution System	1,243	MWh	(72)	1,171	MWh
18						
19	Total Full-Service Distribution	1,243	MWh	(72)	1,171	MWh
20						
21	Total Full-Service D1.2	1,243	MWh	(72)	1,171	MWh
22						
23	Choice Distribution D1.2					
24						
25	Service Charge	0	Cust.	0	0	Cust.
26						
27	Distribution Charge	0	MWh	0	0	MWh
28						
29	Distribution System	0	MWh	0	0	MWh
30						
31	Total Choice Distribution	0	MWh	0	0	MWh
32						
33	Total D1.2	1,243	MWh	(72)	1,171	MWh

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Senior Citizens Residential Service Rate - D1.3

(a)		(b)		(c)		(d)	
Line		2005			Difference		2007
No.	Power Supply	Quantity	Units			Quantity	Units
1	Min.Ch. 2 KWH/Day	1,131	Cust.	(34)		1,097	Cust.
2	Sales Applied to Min.	1,860	MWh	(47)		1,813	MWh
3	Service Charge	102,956	Cust.	(5,694)		97,262	Cust.
4							
5	Power Supply Charges						
6	First 10 KWH/Day	318,839	MWh	(12,658)		306,181	MWh
7	Excess	120,062	MWh	(29,416)		90,646	MWh
8	Space Heating	4,666	MWh	(436)		4,230	MWh
9							
10	Total Power Supply	445,427	MWh	(42,557)		402,870	MWh
11							
12	Full-Service Distribution						
13							
14	Min.Ch. 2 KWH/Day	1,131	Cust.	(34)		1,097	Cust.
15	Sales Applied to Min.	1,860	MWh	(47)		1,813	MWh
16	Service Charge	102,956	Cust.	(5,694)		97,262	Cust.
17							
18	Distribution Charge	443,567	MWh	(42,510)		401,057	MWh
19							
20	Distribution Subtotal	445,427	MWh	(42,557)		402,870	MWh
21							
22	Total Full-Service Distribution	445,427	MWh	(42,557)		402,870	MWh
23							
24	Total Full-Service D1.3	445,427	MWh	(42,557)		402,870	MWh
25							
26	Choice Distribution D1.3						
27							
28	Min.Ch. 2 KWH/Day	0	Cust.	0		0	Cust.
29	Sales Applied to Min.	0	MWh	0		0	MWh
30	Service Charge	0	Cust.	0		0	Cust.
31							
32	Distribution Charge	0	MWh	0		0	MWh
33							
34	Distribution Subtotal	0	MWh	0		0	MWh
35							
36	Total Choice Distribution	0	MWh	0		0	MWh
37							
38	Total D1.3	445,427	MWh	(42,557)		402,870	MWh

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Optional Residential Service Rate - D1.4

		(a)		(b)		(c)	(d)	
Line		2005		Difference			2007	
No.		Quantity	Units				Quantity	Units
	Power Supply							
1	Energy							
2	On-Peak	26,399	MWh	-1,739			24,660	MWh
3	Off-Peak	83,846	MWh	-4,771			79,075	MWh
4	Total	110,245	MWh	-6,510			103,735	MWh
5								
6	Total Power Supply	110,245	MWh	-6,510			103,735	MWh
7								
8	Full-Service Distribution	Quantity	Units				Quantity	Units
9								
10	Service Charge	6,128	Cust.	-108			6,020	Cust.
11								
12	Distribution Charge	110,245	MWh	-6,510			103,735	MWh
13								
14	Distribution System	110,245	MWh	-6,510			103,735	MWh
15								
16	Total Full-Service Distribution	110,245	MWh	-6,510			103,735	MWh
17								
18	Total Full-Service D1.4	110,245	MWh	-6,510			103,735	MWh
19								
20	Choice Distribution D1.4	Quantity	Units				Quantity	Units
21								
22	Service Charge	0	Cust.	0			0	Cust.
23								
24	Distribution Charge	0	MWh	0			0	MWh
25								
26	Distribution System	0	MWh	0			0	MWh
27								
28	Total Choice Distribution	0	MWh	0			0	MWh
29								
30	Total D1.4	110,245	MWh	-6,510			103,735	MWh

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Residential Supplemental Space Heating Service Rate - D1.5

(a)		(b)		(c)	(d)	
Line		2005		Difference	2007	
No.		Quantity	Units		Quantity	Units
	Power Supply					
1	Energy	1,699	MWh	(121)	1,578	MWh
2						
3	Total Power Supply	1,699	MWh	(121)	1,578	MWh
4						
5	Full-Service Distribution	Quantity	Units		Quantity	Units
6						
7	Service Charge	455	Cust.	(16)	439	Cust.
8						
9	Distribution Charge	1,699	MWh	(121)	1,578	MWh
10						
11	Distribution System	1,699	MWh	(121)	1,578	MWh
12						
13	Total Full-Service Distribution	1,699	MWh	(121)	1,578	MWh
14						
15	Total Full-Service D1.5	1,699	MWh	(121)	1,578	MWh
16						
17	Choice Distribution D1.5	Quantity	Units		Quantity	Units
18						
19	Service Charge	0	Cust.	0	0	Cust.
20						
21	Distribution Charge	0	MWh	0	0	MWh
22						
23	Distribution System	0	MWh	0	0	MWh
24						
25	Total Choice Distribution	0	MWh	0	0	MWh
26						
27	Total D1.5	1,699	MWh	(121)	1,578	MWh

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**Space Conditioning, Water Heating, Electric Vehicle,
Time of Day Service Rate - Residential D1.7**

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Summer Energy					
2	On-Peak	3,292	MWh	227	3,519	MWh
3	Off-Peak	7,293	MWh	504	7,797	MWh
4						
5	Winter Energy					
6	On-Peak	9,184	MWh	635	9,819	MWh
7	Off-Peak	30,881	MWh	2,205	33,086	MWh
8						
9	Total Power Supply	50,650	MWh	3,571	54,221	MWh
10						
11	Full-Service Distribution					
12						
13	Service Charge (\$/day)	3,118	Cust.	324	3,442	Cust.
14						
15	Distribution Charge	50,650	MWh	3,571	54,221	MWh
16						
17	Distribution System	50,650	MWh	3,571	54,221	MWh
18						
19	Total Full-Service Distribution	50,650	MWh	3,571	54,221	MWh
20						
21	Total Full-Service D1.7	50,650	MWh	3,571	54,221	MWh
22						
23	Choice Distribution D1.7					
24						
25	Service Charge (\$/day)	0	Cust.	0	0	Cust.
26						
27	Distribution Charge	0	MWh	0	0	MWh
28						
29	Distribution System	0	MWh	0	0	MWh
30						
31	Total Choice Distribution	0	MWh	0	0	MWh
32						
33	Total D1.7	50,650	MWh	3,571	54,221	MWh

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Residential Space Heating Rate - D2

	(a)	(b)	(c)	(d)
Line	2005		Difference	2007
No.	Power Supply	Quantity Units		Quantity Units
1	Min.Ch. 2 KWH/Day	828 Cust.	0	828 Cust.
2	Sales Applied to Min.	647 MWh	(21)	626 MWh
3	Service Charge	30,728 Cust.	0	30,728 Cust.
4				
5	Power Supply Charges:			
6	Summer:			
7	First 17 KWH/Day	61,367 MWh	4,102	65,469 MWh
8	Excess	44,415 MWh	(7,588)	36,827 MWh
9				
10	Winter:			
11	First 20 KWH/Day	101,745 MWh	(3,353)	98,392 MWh
12	Excess	135,518 MWh	(4,466)	131,052 MWh
13				
14	Total Power Supply	343,692 MWh	(11,326)	332,366 MWh
15				
16	Full-Service Distribution			
17				
18	Min.Ch. 2 KWH/Day	828 Cust.	0	828 Cust.
19	Sales Applied to Min.	647 MWh	(21)	626 MWh
20	Service Charge	30,728 Cust.	0	30,728 Cust.
21				
22	Distribution Charge			
23	Summer:	105,782 MWh	(3,486)	102,296 MWh
24	Winter:	237,263 MWh	(7,819)	229,444 MWh
25	Distribution System	343,692 MWh	(11,326)	332,366 MWh
26				
27	Total Full-Service Distribution	343,692 MWh	(11,326)	332,366 MWh
28				
29	Total Full-Service D2	343,692 MWh	(11,326)	332,366 MWh
30				
31	Choice Distribution D2			
32				
33	Min.Ch. 2 KWH/Day	0 Cust.	0	0 Cust.
34	Sales Applied to Min.	0 MWh	0	0 MWh
35	Service Charge	0 Cust.	0	0 Cust.
36				
37	Distribution Charge			
38	Summer:	0 MWh	0	0 MWh
39	Winter:	0 MWh	0	0 MWh
40				
41	Distribution Subtotal	0 MWh	0	0 MWh
42				
43	Total Choice Distribution	0 MWh	0	0 MWh
44				
45	Total D2	343,692 MWh	(11,326)	332,366 MWh

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Residential Space Heating Farm Service Provision - D2a

		(a)		(b)		(c)	(d)	
Line No.		2005		Difference		2007		
		Quantity	Units			Quantity	Units	
	Power Supply							
1	Energy:							
2	Farm	990	MWh	(7)		983	MWh	
3	Winter Space Heating	1,091	MWh	(7)		1,084	MWh	
4	Total Energy	2,081	MWh	(14)		2,067	MWh	
5								
6	Total Power Supply	2,081	MWh	(14)		2,067	MWh	
7								
8	Full-Service Distribution	Quantity	Units			Quantity	Units	
9								
10	Service Charge	81	Cust.	0		81	Cust.	
11								
12	Distribution Energy - Farm							
13	Farm	990	MWh	(7)		983	MWh	
14	Winter Space Heating	1,091	MWh	(7)		1,084	MWh	
15	Distribution System	2,081	MWh	(14)		2,067	MWh	
16								
17	Total Full-Service Distribution	2,081	MWh	(14)		2,067	MWh	
18								
19	Total Full-Service D2a	2,081	MWh	(14)		2,067	MWh	
20								
21	Choice Distribution D2a	Quantity	Units			Quantity	Units	
22								
23	Service Charge	0	Cust.	0		0	Cust.	
24								
25	Distribution Energy - Farm							
26	Farm	0	MWh	0		0	MWh	
27	Winter Space Heating	0	MWh	0		0	MWh	
28	Distribution System	0	MWh	0		0	MWh	
29								
30	Total Choice Distribution	0	MWh	0		0	MWh	
31								
32	Total D2a	2,081	MWh	(14)		2,067	MWh	

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Water Heating Service Rate - Residential D5

		(a)		(b)	(c)	(d)	
Line No.		2005		Difference		2007	
		Quantity	Units			Quantity	Units
	Power Supply						
1	Option I Energy	198,993	MWh	(5,798)		193,195	MWh
2	Option II Energy	76,524	MWh	(2,230)		74,294	MWh
3	Option III Energy	2,774	MWh	(81)		2,693	MWh
4	Total Energy	278,291	MWh	(8,109)		270,182	MWh
5							
6	Total Power Supply	278,291	MWh	(8,109)		270,182	MWh
7							
8	Full-Service Distribution	Quantity	Units			Quantity	Units
9							
10	Option I Service Charge	62,510	Cust.	(2,106)		60,404	Cust.
11	Option III Service Charge	869	Cust.	(30)		839	Cust.
12							
13	Distribution System	278,291		(8,109)		270,182	
14							
15	Total Full-Service Distribution	278,291	MWh	(8,109)		270,182	MWh
16							
17	Total Full-Service D5	278,291	MWh	(8,109)		270,182	MWh
18							
19	Choice Distribution D5	Quantity	Units			Quantity	Units
20							
21	Option I Service Charge	0	Cust.	0		0	Cust.
22	Option III Service Charge	0	Cust.	0		0	Cust.
23							
24	Distribution System	0		0		0	
25							
26	Total Choice Distribution	0	MWh	0		0	MWh
27							
28	Total D5	278,291	MWh	(8,109)		270,182	MWh

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Outdoor Protective Lighting - Residential D9

(a)		(b)		(c)	(d)	
Line No.		2005		Difference	2007	
		Quantity	Units		Quantity	Units
	Overhead					
1	175 Watt Hg	6,949	Lamps	0	6,949	Lamps
2	250 Watt Hg	10	Lamps	0	10	Lamps
3	400 Watt Hg	160	Lamps	0	160	Lamps
4	1,000 Watt Hg	8	Lamps	0	8	Lamps
5	100 Watt Na	3,772	Lamps	0	3,772	Lamps
6	250 Watt Na	381	Lamps	0	381	Lamps
7	400 Watt Na	37	Lamps	0	37	Lamps
8						
9	Underground					
10	100 Watt Hg	35	Lamps	0	35	Lamps
11	175 Watt Hg	131	Lamps	0	131	Lamps
12	250 Watt Hg	1	Lamps	0	1	Lamps
13	400 Watt Hg	0	Lamps	0	0	Lamps
14	1,000 Watt Hg	0	Lamps	0	0	Lamps
15	Lamp Total	11,484	Lamps	0	11,484	Lamps
16						
17	Additional Light Credit	0	Lamps	0	0	Lamps
18	New Poles	2,861	Poles	0	2,861	Poles
19	Subtotal					
20						
21	Total D9		Lamps	0		Lamps

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Interruptible Space Conditioning Service Rate - Commercial D1.1

	(a)	(b)	(c)	(d)
Line No.		2005	Difference	2007
	Power Supply	<u>Quantity</u> <u>Units</u>		<u>Quantity</u> <u>Units</u>
1	Summer Energy	6,919 MWh	377	7,296 MWh
2	Winter Energy	1,958 MWh	107	2,065 MWh
3	Total	8,877 MWh	484	9,361 MWh
4				
5	Total Power Supply	8,877 MWh	484	9,361 MWh
6				
7	Full-Service Distribution	<u>Quantity</u> <u>Units</u>		<u>Quantity</u> <u>Units</u>
8				
9	Service Charge	994 Cust. (5 months)	0	994 Cust. (5 months)
10				
11	Distribution Charge	8,877 MWh	484	9,361 MWh
12	Distribution System	8,877 MWh	484	9,361 MWh
13				
14	Total Full-Service Distribution	8,877 MWh	484	9,361 MWh
15				
16				
17	Total Full-Service D1.1	8,877 MWh	484	9,361 MWh
18				
19	Choice Distribution D1.1	<u>Quantity</u> <u>Units</u>		<u>Quantity</u> <u>Units</u>
20				
21	Service Charge	0 Cust. (5 months)	0	0 Cust. (5 months)
22				
23	Distribution Charge	0 MWh	0	0 MWh
24	Distribution System	0 MWh	0	0 MWh
25				
26	Total Choice Distribution	0 MWh	0	0 MWh
27				
28				
29	Total D1.1	8,877 MWh	484	9,361 MWh

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**Space Conditioning, Water Heating, Electric Vehicle,
Time-of-Day Service Rate - Commercial D1.7**

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Summer:					
2	On-Peak	20	MWh	(1)	19	MWh
3	Off-Peak	33	MWh	(14)	19	MWh
4						
5	Winter:					
6	On-Peak	47	MWh	11	58	MWh
7	Off-Peak	188	MWh	4	192	MWh
8						
9	Total Power Supply	288	MWh	0	288	MWh
10						
11	Full-Service Distribution	Quantity	Units		Quantity	Units
12						
13	Service Charge	5	Cust.	0	5	Cust.
14						
15	Distribution Charge	288	MWh	0	288	MWh
16						
17	Distribution System	288	MWh	0	288	MWh
18						
19	Total Full-Service Distribution	288	MWh	0	288	MWh
20						
21	Total Full-Service D1.7	288	MWh	0	288	MWh
22						
23	Choice Distribution D1.7	Quantity	Units		Quantity	Units
24						
25	Service Charge	0	Cust.	0	0	Cust.
26						
27	Distribution Charge	0	MWh	0	0	MWh
28						
29	Distribution System	0	MWh	0	0	MWh
30						
31	Total Choice Distribution	0	MWh	0	0	MWh
32						
33	Total D1.7	288	MWh	0	288	MWh

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General Service Rate - D3

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Energy	6,400,603	MWh	233,214	6,633,817	MWh
2						
3	Total Power Supply	6,400,603	MWh	233,214	6,633,817	MWh
4						
5	Full-Service Distribution	Quantity	Units		Quantity	Units
6						
7	Service Charge	171,032	Cust.	5,359	176,391	Cust.
8						
9	Distribution Charge	6,400,603	MWh	233,214	6,633,817	MWh
10	Distribution System	6,400,603	MWh	233,214	6,633,817	MWh
11						
12	Total Fill-Service Distribution	6,400,603	MWh	233,214	6,633,817	MWh
13						
14	Total Full-Service D3	6,400,603	MWh	233,214	6,633,817	MWh
15						
16	Choice Distribution D3	Quantity	Units		Quantity	Units
17						
18	Service Charge	13,027	Cust.	(4,673)	8,354	Cust.
19						
20	Distribution Charge	2,360,616	MWh	(804,616)	1,556,000	MWh
21	Distribution System	2,360,616	MWh	(804,616)	1,556,000	MWh
22						
23	Total Choice Distribution	2,360,616	MWh	(804,616)	1,556,000	MWh
24						
25	Total D3	8,761,219	MWh	(571,402)	8,189,817	MWh

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Unmetered General Service Rate - D3.1

	(a)	(b)		(c)	(d)	
Line		2005		Difference	2007	
<u>No.</u>		<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
1	Connected Load	216,566,275	Watts	32,990,619	249,556,894	Watts
2						
3	Energy	82,321	MWh	5,024	87,345	MWh
4						
5	Total D3.1	82,321	MWh	5,024	87,345	MWh

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Interruptible General Service Rate - D3.3

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Energy	149,239	MWh	(3,432)	145,807	MWh
2						
3	Total Power Supply	149,239	MWh	(3,432)	145,807	MWh
4						
5	Full-Service Distribution	Quantity	Units		Quantity	Units
6						
7	Service Charge	141	Cust.	0	141	Cust.
8						
9	Distribution Charge	149,239	MWh	(3,432)	145,807	MWh
10	Distribution System	149,239	MWh	(3,432)	145,807	MWh
11						
12	Total Full-Service Distribution	149,239	MWh	(3,432)	145,807	MWh
13						
14	Total Full-Service D3.3	149,239	MWh	(3,432)	145,807	MWh
15						
16	Choice Distribution D3.3	Quantity	Units		Quantity	Units
17						
18	Service Charge	0	Cust.	0	0	Cust.
19						
20	Distribution Charge	0	MWh	0	0	MWh
21	Distribution System	0	MWh	0	0	MWh
22						
23	Total Choice Distribution	0	MWh	0	0	MWh
24						
25	Total D3.3	149,239	MWh	(3,432)	145,807	MWh

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Optional Time-of-Day General Service Rate - D3.4

(a)		(b)		(c)	(d)	
Line		2005		Difference	2007	
No.		Quantity	Units		Quantity	Units
	Power Supply					
1	On-Peak Energy	118	MWh	(16)	102	MWh
2	Off-Peak Energy	851	MWh	(112)	739	MWh
3	Total Energy	969	MWh	(128)	841	MWh
4						
5	Total Power Supply	969	MWh	(128)	841	MWh
6						
7	Full-Service Distribution	Quantity	Units		Quantity	Units
8						
9	Service Charge	6	Cust.	0	6	Cust.
10						
11	Distribution Charge	969	MWh	(128)	841	MWh
12	Distribution System	969	MWh	(128)	841	MWh
13						
14	Total Full-Service Distribution	969	MWh	(128)	841	MWh
15						
16	Total Full-Service D3.4	969	MWh	(128)	841	MWh
17						
18	Choice Distribution D3.4	Quantity	Units		Quantity	Units
19						
20	Service Charge	0	Cust.	0	0	Cust.
21						
22	Distribution Charge	0	MWh	0	0	MWh
23	Distribution System	0	MWh	0	0	MWh
24						
25	Total Choice Distribution	0	MWh	0	0	MWh
26						
27	Total D3.4	969	MWh	(128)	841	MWh

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Large General Service Rate - D4

		(a)		(b)		(c)	(d)	
Line		2005		Difference			2007	
No.		Quantity	Units				Quantity	Units
	Power Supply							
1	Demand Charge	2,300,194	kW	2,702,306			5,002,500	kW
2								
3	Energy - First 200 Hrs. Use	440,836	MWh	573,286			1,014,122	MWh
4	Energy - Excess	432,014	MWh	561,814			993,828	MWh
5	Total	872,850	MWh	1,135,100			2,007,950	
6								
7	Total Power Supply	872,850	MWh	1,135,100			2,007,950	MWh
8								
9	Full-Service Distribution	Quantity	Units				Quantity	Units
10								
11	Service Charge	2,944	Cust.	2,793			5,737	Cust.
12								
13	Distribution Demand Charge	2,300,194	kW	2,702,306			5,002,500	kW
14	Distribution Energy Charge		MWh	2,007,950			2,007,950	MWh
15								
16	Distribution Subtotal	872,850	MWh	1,135,100			2,007,950	MWh
17								
18	Total Full-Service Distribution	872,850	MWh	1,135,100			2,007,950	MWh
19								
20	Total Full-Service D4	872,850	MWh	1,135,100			2,007,950	MWh
21								
22	Choice Distribution D4	Quantity	Units				Quantity	Units
23								
24	Service Charge	2,302	Cust.	(826)			1,476	Cust.
25								
26	Distribution Demand Charge	2,109,144	kW	(826,125)			1,283,019	kW
27	Distribution Energy Charge	900,209	MWh	(356,209)			544,000	MWh
28	Distribution System	2,109,144	kW	(826,125)			1,283,019	kW
29								
30	Distribution Subtotal	900,209	MWh	(356,209)			544,000	MWh
31								
32	Total Choice Distribution	900,209	MWh	(356,209)			544,000	MWh
33								
34	Total D4	1,773,059	MWh	778,891			2,551,950	MWh

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Water Water Heating Service Rate - Commercial D5

		(a)		(b)		(c)		(d)	
Line		2005		Difference		2007			
No.		Quantity	Units			Quantity	Units		
	Power Supply								
1	Energy:								
2	Option I Energy	7,161	MWh	(364)		6,797	MWh		
3	Option II Energy	2,522	MWh	(128)		2,394	MWh		
4	Option III Energy	758	MWh	(39)		719	MWh		
5	Total Energy	10,441	MWh	(531)		9,910	MWh		
6									
7	Total Power Supply	10,441	MWh	(531)		9,910	MWh		
8									
9	Full-Service Distribution	Quantity	Units			Quantity	Units		
10									
11	Service Charge - Opt. I	965	Cust.	(49)		916	Cust.		
12	Service Charge - Opt. III	102	Cust.	(5)		97	Cust.		
13									
14	Distribution Charge	10,441	MWh	(531)		9,910	MWh		
15	Distribution System	10,441	MWh	(531)		9,910	MWh		
16									
17	Total Full-Service Distribution	10,441	MWh	(531)		9,910	MWh		
18									
19	Total Full-Service D5	10,441	MWh	(531)		9,910	MWh		
20									
21	Choice Distribution D5	Quantity	Units			Quantity	Units		
22									
23	Service Charge - Opt. I	0	Cust.	0		0	Cust.		
24	Service Charge - Opt. III	0	Cust.	0		0	Cust.		
25									
26	Distribution Charge	0	MWh	0		0	MWh		
27	Distribution System	0	MWh	0		0	MWh		
28									
29	Total Choice Distribution	0	MWh	0		0	MWh		
30									
31	Total D5	10,441	MWh	(531)		9,910	MWh		

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Outdoor Protective Lighting - Commercial D9

		(a)		(b)		(c)		(d)	
Line No.		2005		Difference		2007			
		Quantity	Units			Quantity	Units		
	Overhead								
1	175 Watt Hg	7,314	Lamps	0		7,314	Lamps		
2	250 Watt Hg	299	Lamps	0		299	Lamps		
3	400 Watt Hg	2,204	Lamps	0		2,204	Lamps		
4	1,000 Watt Hg	434	Lamps	0		434	Lamps		
5	100 Watt Na	2,369	Lamps	0		2,369	Lamps		
6	250 Watt Na	4,967	Lamps	0		4,967	Lamps		
7	400 Watt Na	2,406	Lamps	0		2,406	Lamps		
8									
9	Underground								
10	100 Watt Hg	47	Lamps	0		47	Lamps		
11	175 Watt Hg	244	Lamps	0		244	Lamps		
12	250 Watt Hg	65	Lamps	0		65	Lamps		
13	400 Watt Hg	90	Lamps	0		90	Lamps		
14	1,000 Watt Hg	25	Lamps	0		25	Lamps		
15	Lamp Total	20,464	Lamps	0		20,464	Lamps		
16									
17	Additional Light Credit	45	Lamps	0		45	Lamps		
18	New Poles	6,649	Poles	0		6,649	Poles		
19	Subtotal								
20									
21	Total D9		Lamps	0			Lamps		

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Greenhouse Lighting Service Rate - Standard Contract Rider No. R7

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Energy	1,630	MWh	8	1,638	MWh
2						
3	Total Power Supply	1,630	MWh	8	1,638	MWh
4						
5	Full-Service Distribution	Quantity	Units		Quantity	Units
6						
7	Service Charge	13	Cust.	0	13	Cust.
8						
9	Distribution Charge	1,630	MWh	8	1,638	MWh
10	Distribution System	1,630	MWh	8	1,638	MWh
11						
12	Total Full-Service Distribution	1,630	MWh	8	1,638	MWh
13						
14	Total Full-Service R7	1,630	MWh	8	1,638	MWh
15						
16	Choice Distribution R7	Quantity	Units		Quantity	Units
17						
18	Service Charge	0	Cust.	0	0	Cust.
19						
20	Distribution Charge	0	MWh	0	0	MWh
21	Distribution System	0	MWh	0	0	MWh
22						
23	Total Choice Distribution	0	MWh	0	0	MWh
24						
25	Total R7	1,630	MWh	8	1,638	MWh

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Commercial Space Conditioning Rate - Standard Contract Rider No. R8

		(a)		(b)		(c)	(d)	
Line		2005		Difference			2007	
No.	Power Supply	<u>Quantity</u>	<u>Units</u>				<u>Quantity</u>	<u>Units</u>
1	Summer: Jun-Oct							
2	R8 All KWH- Separate Meter	20,894	MWh	(1,377)			19,517	MWh
3	R8a initial Block of D3	2,210	MWh	(146)			2,064	MWh
4	R8a Excess	453	MWh	(30)			423	MWh
5								
6	Winter: Nov-May							
7	R8 First 1000 KWH- Sep Mtr	5,785	MWh	(381)			5,404	MWh
8	R8 Excess	31,000	MWh	(2,044)			28,956	MWh
9								
10	R8a initial Block of D3	3,617	MWh	(239)			3,378	MWh
11	Excess	12,697	MWh	(837)			11,860	MWh
12								
13	Total Power Supply	76,656	MWh	(5,054)			71,602	MWh
14								
15	Full-Service Distribution	<u>Quantity</u>	<u>Units</u>				<u>Quantity</u>	<u>Units</u>
16								
17	Service Charge							
18	R8 Separate Meter	1,213	Cust.	(100)			1,113	Cust.
19	R8a	605	Cust.	0			605	Cust.
20								
21	Distribution Charge	76,656	MWh	(5,054)			71,602	MWh
22	Distribution System	76,656	MWh	(5,054)			71,602	MWh
23								
24	Total Full-Service Distribution	76,656	MWh	(5,054)			71,602	MWh
25								
26	Total Full-Service R8	76,656	MWh	(5,054)			71,602	MWh
27								
28	Choice Distribution R8	<u>Quantity</u>	<u>Units</u>				<u>Quantity</u>	<u>Units</u>
29								
30	Service Charge							
31	R8 Separate Meter	0	Cust.	0			0	Cust.
32	R8a	0	Cust.	0			0	Cust.
33								
34	Distribution Charge	0	MWh	0			0	MWh
35	Distribution System	0	MWh	0			0	MWh
36								
37	Total Choice Distribution	0	MWh	0			0	MWh
38								
39	Total R8	76,656	MWh	(5,054)			71,602	MWh

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E1 Street Lighting - Option I

Line No.	(a)		(b)		(c)	(d)	
	2005		Difference			2007	
	Quantity	Units				Quantity	Units
Overhead							
1	Hg Vapor						
2	100 W	383 Lamps	0			383	Lamps
3	175 W	50,550 Lamps	0			50,550	Lamps
4	250 W	1,647 Lamps	0			1,647	Lamps
5	400 W	10,543 Lamps	0			10,543	Lamps
6	1,000 W	142 Lamps	0			142	Lamps
7							
8	Na Vapor						
9	70 W	1,508 Lamps	0			1,508	Lamps
10	100 W	19,214 Lamps	0			19,214	Lamps
11	250 W	10,421 Lamps	0			10,421	Lamps
12	360 W	0 Lamps	0			0	Lamps
13	400 W	2,417 Lamps	0			2,417	Lamps
14	1,000 W	147 Lamps	0			147	Lamps
15							
16	De-Energized						
17	Hg Vapor						
18	100 W	0 Lamps	0			0	Lamps
19	175 W	3 Lamps	0			3	Lamps
20	250 W	0 Lamps	0			0	Lamps
21	400 W	0 Lamps	0			0	Lamps
22	1,000 W	0 Lamps	0			0	Lamps
23							
24	Na Vapor						
25	70 W	0 Lamps	0			0	Lamps
26	100 W	2 Lamps	0			2	Lamps
27	250 W	1 Lamps	0			1	Lamps
28	360 W	0 Lamps	0			0	Lamps
29	400 W	33 Lamps	0			33	Lamps
30	1,000 W	0 Lamps	0			0	Lamps
31							
32	Dusk-Midnight						
33	Hg Vapor						
34	100 W	0 Lamps	0			0	Lamps
35	175 W	5 Lamps	0			5	Lamps
36	250 W	0 Lamps	0			0	Lamps
37	400 W	4 Lamps	2			6	Lamps
38	1,000 W	0 Lamps	0			0	Lamps
39							
40	Na Vapor						
41	70 W	0 Lamps	0			0	Lamps
42	100 W	1 Lamps	0			1	Lamps
43	250 W	5 Lamps	0			5	Lamps
44	360 W	0 Lamps	0			0	Lamps
45	400 W	0 Lamps	4			4	Lamps
46	1,000 W	0 Lamps	0			0	Lamps
47							
48	Multiple Lamp Discount	857 Lamps	0			857	Lamps
49	Subtotal	97,026 Lamps	6			97,032	Lamps
50							
51	Total E1 - Option I		97,026 Lamps	6		97,032	Lamps

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E1 Street Lighting - Option I

		(a)		(b)		(c)	(d)	
Line		2005		Difference		2007		
No.		Quantity	Units			Quantity	Units	
	Company Owned Ornamental							
1	Hg Vapor							
2	100 W	55	Lamps	0		55	Lamps	
3	175 W	12,375	Lamps	0		12,375	Lamps	
4	250 W	363	Lamps	0		363	Lamps	
5	400 W	8,076	Lamps	0		8,076	Lamps	
6	1,000 W	450	Lamps	0		450	Lamps	
7								
8	Na Vapor							
9	70 W	90	Lamps	0		90	Lamps	
10	100 W	23,590	Lamps	0		23,590	Lamps	
11	250 W	14,064	Lamps	0		14,064	Lamps	
12	360 W	0	Lamps	0		0	Lamps	
13	400 W	5,417	Lamps	0		5,417	Lamps	
14	1,000 W	15	Lamps	0		15	Lamps	
15								
16	De-Energized							
17	Hg Vapor							
18	100 W	0	Lamps	0		0	Lamps	
19	175 W	4	Lamps	0		4	Lamps	
20	250 W	0	Lamps	0		0	Lamps	
21	400 W	19	Lamps	0		19	Lamps	
22	1,000 W	0	Lamps	0		0	Lamps	
23								
24	Na Vapor							
25	70 W	0	Lamps	0		0	Lamps	
26	100 W	1	Lamps	0		1	Lamps	
27	250 W	0	Lamps	0		0	Lamps	
28	360 W	0	Lamps	0		0	Lamps	
29	400 W	0	Lamps	0		0	Lamps	
30	1,000 W	0	Lamps	0		0	Lamps	
31								
32	Dusk-Midnight							
33	Hg Vapor							
34	100 W	0	Lamps	0		0	Lamps	
35	175 W	0	Lamps	0		0	Lamps	
36	250 W	0	Lamps	0		0	Lamps	
37	400 W	0	Lamps	0		0	Lamps	
38	1,000 W	0	Lamps	0		0	Lamps	
39								
40	Na Vapor							
41	70 W	0	Lamps	0		0	Lamps	
42	100 W	0	Lamps	0		0	Lamps	
43	250 W	40	Lamps	0		40	Lamps	
44	360 W	0	Lamps	0		0	Lamps	
45	400 W	0	Lamps	0		0	Lamps	
46	1,000 W	0	Lamps	0		0	Lamps	
47								
48	Long Span Charge	41,029	Lamps	0		41,029	Lamps	
49	Multiple Lamp Discount	1,640	Lamps	0		1,640	Lamps	
50	Multiple Lamp Discount - Long Span	1,797	Lamps	0		1,797	Lamps	
51	Semi-Ornamental Discount	742	Lamps	0		742	Lamps	
52	Multiple Lamp Discount - Semi-Orn.	10	Lamps	0		10	Lamps	
53	Subtotal	109,777	Lamps	0		109,777	Lamps	
54								
55	Total E1 - Option I	109,777	Lamps	0		109,777	Lamps	

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E1 Street Lighting - Option II

(a)		(b)		(c)	(d)	
Line		2005		Difference	2007	
No.		Quantity	Units		Quantity	Units
	Municipally Owned					
1	Hg Vapor					
2	175 W	45	Lamps	0	45	Lamps
3	250 W	0	Lamps	0	0	Lamps
4	400 W	215	Lamps	0	215	Lamps
5	1000 W	0	Lamps	0	0	Lamps
6						
7	Na Vapor					
8	70 W	0	Lamps	0	0	Lamps
9	100 W	23	Lamps	0	23	Lamps
10	250 W	268	Lamps	0	268	Lamps
11	360 W	0	Lamps	0	0	Lamps
12	400 W	49	Lamps	0	49	Lamps
13	1000 W	1	Lamps	0	1	Lamps
14						
15	De-Energized					
16	Hg Vapor					
17	175 W	0	Lamps	0	0	Lamps
18	250 W	0	Lamps	0	0	Lamps
19	400 W	0	Lamps	0	0	Lamps
20	1000 W	0	Lamps	0	0	Lamps
21						
22	Na Vapor					
23	70 W	0	Lamps	0	0	Lamps
24	100 W	0	Lamps	0	0	Lamps
25	250 W	0	Lamps	0	0	Lamps
26	360 W	0	Lamps	0	0	Lamps
27	400 W	0	Lamps	0	0	Lamps
28	1000 W	0	Lamps	0	0	Lamps
29						
30	Dusk-Midnight					
31	Hg Vapor					
32	175 W	0	Lamps	0	0	Lamps
33	250 W	0	Lamps	0	0	Lamps
34	400 W	0	Lamps	0	0	Lamps
35	1000 W	0	Lamps	0	0	Lamps
36						
37	Na Vapor					
38	70 W	0	Lamps	0	0	Lamps
39	100 W	0	Lamps	0	0	Lamps
40	250 W	0	Lamps	0	0	Lamps
41	360 W	0	Lamps	0	0	Lamps
42	400 W	0	Lamps	0	0	Lamps
43	1000 W	0	Lamps	0	0	Lamps
44	Subtotal	601	Lamps	0	601	Lamps
45						
46	Total E1 - Option II	601	Lamps	0	601	Lamps

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E1 Street Lighting - Option III

(a)		(b)		(c)	(d)	
Line No.		2005		Difference	2007	
		<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
1	50 Watt	0	Lamps	0	0	Lamps
2	70 Watt	15,305	Lamps	0	15,305	Lamps
3	100 Watt	2,197	Lamps	0	2,197	Lamps
4	150 Watt	31,426	Lamps	0	31,426	Lamps
5	200 Watt	0	Lamps	0	0	Lamps
6	250 Watt	2,534	Lamps	0	2,534	Lamps
7	310 Watt	28	Lamps	0	28	Lamps
8	400 Watt	4,062	Lamps	0	4,062	Lamps
9	1,000 Watt	22	Lamps	0	22	Lamps
10	Lamp Total	55,574	Lamps	0	55,574	Lamps
11						
12	Total E1 - Option III	55,574	Lamps	0	55,574	Lamps

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Energy Only Street Lighting E1.1

		(a)		(b)		(c)	(d)	
Line		2005		Difference			2007	
No.		Quantity	Units				Quantity	Units
	Power Supply							
1	Secondary Energy	19,605	MWh	6,758			26,363	MWh
2	Dusk to Midnight	46	MWh	4			50	MWh
3	Primary Energy	0	MWh	0			0	MWh
4								
5	Total Power Supply	19,651	MWh	6,762			26,413	MWh
6								
7	Full-Service Distribution	Quantity	Units				Quantity	Units
8								
9	Distribution Charge	19,651	MWh	6,762			26,413	MWh
10								
11	Distribution System	19,651	MWh	6,762			26,413	MWh
12								
13	Total Full-Service Distribution	19,651	MWh	6,762			26,413	MWh
14								
15	Total Full-Service E1.1	19,651	MWh	6,762			26,413	MWh
16								
17	Choice Distribution E1.1	Quantity	Units				Quantity	Units
18								
19	Distribution Charge	0	MWh	0			0	MWh
20								
21	Distribution System	0	MWh	0			0	MWh
22								
23	Total Choice Distribution	0	MWh	0			0	MWh
24								
25	Total E1.1	19,651	MWh	6,762			26,413	MWh

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E2 Traffic & Signal Lights

	(a)	(b)		(c)	(d)	
Line		2005		Difference	2007	
<u>No.</u>		<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
1	Connected Load	103,376	kW	10,514	113,890	kW
2						
3	Energy	74,430	MWh	7,570	82,000	MWh
4						
5	Total E2	74,430	MWh	7,570	82,000	MWh

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Secondary Pumping E5

	(a)	(b)		(c)	(d)	
Line No.		2005		Difference	2007	
	Power Supply	Quantity	Units		Quantity	Units
1	Energy	85,864	MWh	23,436	109,300	MWh
2						
3	Total Power Supply	85,864	MWh	23,436	109,300	MWh
4						
5	Full-Service Distribution	Quantity	Units		Quantity	Units
6						
7	Service Charge	1,094	Cust.	0	1,094	Cust.
8						
9	Distribution Charge	85,864	MWh	23,436	109,300	MWh
10	Distribution System	85,864	MWh	23,436	109,300	MWh
11						
12	Total Full-Service Distribution	85,864	MWh	23,436	109,300	MWh
13						
14	Total Full-Service E5	85,864	MWh	23,436	109,300	MWh
15						
16	Choice Distribution E5	Quantity	Units		Quantity	Units
17						
18	Service Charge	0	Cust.	0	0	Cust.
19						
20	Distribution Charge	0	MWh	0	0	MWh
21	Distribution System	0	MWh	0	0	MWh
22						
23	Total Choice Distribution	0	MWh	0	0	MWh
24						
25	Total E5	85,864	MWh	23,436	109,300	MWh

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Primary Supply Rate - D6

Line No.	(a)	(b)		(c)	(d)	
		2005			2007	
		Quantity	Units		Quantity	Units
1	Power Supply					
2	Power Supply Demand	19,066,707	kW	2,027,945	21,094,652	kW
3	Energy					
4	On-Peak	2,350,839	MWh	0.27	2,571,221	MWh
5	Off-Peak	6,250,988	MWh	586,006	6,836,993	MWh
6	Total Energy	8,601,827	MWh	806,388	9,408,215	MWh
7		2,350,839				
8	Voltage Level Credit					
9	Subtransmission	1,119,589	MWh	(25,172)	1,094,417	MWh
10	Transmission	337,413	MWh	(30,254)	307,159	MWh
11						
12	Total Power Supply	8,601,827	MWh	806,388	9,408,215	MWh
13						
14	Full-Service Distribution	Quantity	Units		Quantity	Units
15						
16	Service Charge	2,511	Cust.	325	2,836	Cust.
17						
18	System Use Charge					
19	Primary	19,498,182	kW	2,437,816	21,935,998	kW
20		7,144,825	MWh	861,814	8,006,639	MWh
21	Subtransmission	2,963,380	kW	110,825	3,074,205	kW
22		1,119,589	MWh	(25,172)	1,094,417	MWh
23	Transmission	817,604	kW	(141,043)	676,561	kW
24		337,413	MWh	(30,254)	307,159	MWh
25	Substation Credit					
26	Demand	1,599,039	kW	31,613	1,630,652	kW
27	Energy	112,167	MWh	464,328	576,495	MWh
28	Distribution System	8,601,827	MWh	806,388	9,408,215	MWh
29						
30	Total Full-Service Distribution	8,601,827	MWh	806,388	9,408,215	MWh
31						
32	Total Full-Service D6	8,601,827	MWh	806,388	9,408,215	MWh
33						
34	Choice Distribution D6	Quantity	Units		Quantity	Units
35						
36	Service Charge	854	Cust.	(556)	298	Cust.
37						
38	System Use Charge					
39	Primary	7,600,239	kW	(4,126,630)	3,473,609	kW
40		2,636,109	MWh	(1,507,739)	1,128,370	MWh
41	Subtransmission	1,011,933	kW	(897,713)	114,220	kW
42		404,358	MWh	(355,586)	48,772	MWh
43	Transmission	4,161,340	kW	(3,890,730)	270,610	kW
44		1,152,623	MWh	(1,029,766)	122,857	MWh
45	Substation Charge					
46	Subtransmission	1,011,933	kW	(1,011,933)	0	kW
47	Transmission	723,526	kW	(723,526)	0	kW
48						
49	Substation Credit					
50	Demand	0	kW	122,857	122,857	kW
51	Energy	0	MWh	0	0	MWh
52	Distribution System	4,193,090	MWh	(2,893,090)	1,300,000	MWh
53						
54	Total Choice Distribution	4,193,090	MWh	(2,893,090)	1,300,000	MWh
55						
56	Total D6	12,794,917	MWh	(2,086,702)	10,708,215	MWh

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Alternative Primary Supply Rate - D6.1

	(a)	(b)	(c)	(d)	
Line		2005		2007	
No.	Power Supply	Quantity	Units	Quantity	Units
1	Power Supply Demand	1,731,952	kW	2,794,056	kW
2					
3	Energy				
4	First 150 Hrs. Use	259,793	MWh	419,108	MWh
5	151-450 Hrs. Use	519,585	MWh	838,217	MWh
6	Excess Hours Use	388,001	MWh	538,775	MWh
7	Total MWh	1,167,379	MWh	1,796,101	MWh
8					
9	Off-Peak Credit	894,691	MWh	1,376,549	MWh
10					
11	Voltage Level Credit				
12	Subtransmission	537,191	MWh	631,472	MWh
13	Transmission	629,325	MWh	1,164,060	MWh
14					
15	Total Power Supply	1,167,379	MWh	1,796,101	MWh
16					
17	Full-Service Distribution	Quantity	Units	Quantity	Units
18					
19	Service Charge	6	Cust.	7	Cust.
20					
21	Distribution Charges				
22	Primary	2,421	kW	2,556	kW
23		863	MWh	569	MWh
24	Subtransmission	793,287	kW	936,280	kW
25		537,191	MWh	631,472	MWh
26	Transmission	1,080,510	kW	1,560,306	kW
27		629,325	MWh	1,164,060	MWh
28					
29	Substation Credit				
30	Demand	539,318	kW	625,317	kW
31	Energy	1,955	MWh	520,035	MWh
32	Distribution System	1,167,379	MWh	1,796,101	MWh
33					
34	Total Full-Service Distribution	1,167,379	MWh	1,796,101	MWh
35					
36	Total Full-Service D6.1	1,167,379	MWh	1,796,101	MWh
37					
38	Choice Distribution D6.1	Quantity	Units	Quantity	Units
39					
40	Service Charge	0	Cust.	0	Cust.
41					
42	Distribution Charges				
43	Primary	0	kW	0	kW
44		0	MWh	0	MWh
45	Subtransmission	0	kW	0	kW
46		0	MWh	0	MWh
47	Transmission	0	kW	0	kW
48		0	MWh	0	MWh
49	Substation Credit				
50	Demand	0	kW	0	kW
51	Energy	0	MWh	0	MWh
52	Distribution System	0	MWh	0	MWh
53					
54	Total Choice Distribution	0	MWh	0	MWh
55					
56	Total D6.1	1,167,379	MWh	1,796,101	MWh

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Primary Space Conditioning Rate - D6.2

	(a)	(b)	(c)	(d)
Line No.		2005	Difference	2007
	Power Supply	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u> <u>Units</u>
1	Power Supply Demand	0	kW	0 kW
2				
3	<u>Energy</u>			
4	On-Peak	0	MWh	0 MWh
5	Off-Peak	0	MWh	0 MWh
6	Total Energy	0	MWh	0 MWh
7				
8	Off-Peak Discount	0	MWh	0 MWh
9				
10	<u>Voltage Level Credit</u>			
11	Subtransmission	0	MWh	0 MWh
12	Transmission	0	MWh	0 MWh
13				
14	Total Power Supply	0	MWh	0 MWh
15				
16	Full-Service Distribution	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u> <u>Units</u>
17				
18	Service Charge	0	Cust.	0 Cust.
19				
20	<u>Distribution Charges</u>			
21	Primary	0	kW	0 kW
22	Subtransmission	0	kW	0 kW
23	Transmission	0	kW	0 kW
24				
25	<u>Substation Credit</u>			
26	Demand	0	kW	0 kW
27	Energy	0	MWh	0 MWh
28	Distribution System	0	MWh	0 MWh
29				
30	Total Full-Service Distribution	0	MWh	0 MWh
31				
32	Total Full-Service D6.2	0	MWh	0 MWh
33				
34	Choice Distribution D6.2	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u> <u>Units</u>
35				
36	Service Charge	0	Cust.	0 Cust.
37				
38	<u>Distribution Charges</u>			
39	Primary	0	kW	0 kW
40		0	MWh	0 MWh
41	Subtransmission	0	kW	0 kW
42		0	MWh	0 MWh
43	Transmission	0	kW	0 kW
44		0	MWh	0 MWh
45	<u>Substation Credit</u>			
46	Demand	0	kW	0 kW
47	Energy	0	MWh	0 MWh
48	Distribution System	0	MWh	0 MWh
49				
50	Total Choice Distribution	0	MWh	0 MWh
51				
52	Total D6.2	0	MWh	0 MWh

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Transitional Primary Supply Rate - D7

	(a)	(b)	(c)	(d)
Line	2005		Difference	2007
No.	Power Supply	Quantity Units		Quantity Units
1	Power Supply Demand	10,366,308 kW	(807,784)	9,558,524 kW
2	Energy	5,738,540 MWh	(254,124)	5,484,416 MWh
3		574		
4	<u>Voltage Level Credit</u>			
5	Subtransmission	1,027,710 MWh	(39,081)	988,629 MWh
6	Transmission	4,448,673 MWh	(402,802)	4,045,871 MWh
7				
8	Total Power Supply	5,947,901 MWh	(463,485)	5,484,416 MWh
9				
10	Full-Service Distribution	Quantity Units		Quantity Units
11				
12	Service Charge	67 Cust.	0	67 Cust.
13				
14	<u>Distribution Charges</u>			
15	Primary	969,297 kW	(34,118)	935,179 kW
16		471,517 MWh	(21,601)	449,916 MWh
17	Subtransmission	1,847,771 kW	(65,040)	1,782,731 kW
18		1,027,710 MWh	(39,081)	988,629 MWh
19	Transmission	7,869,531 kW	(491,140)	7,378,391 kW
20		4,448,673 MWh	(402,802)	4,045,871 MWh
21				
22	<u>Substation Credit</u>			
23	Demand	255,868 kW	97,000	352,868 kW
24	Energy	102,220 MWh	(1,124)	101,096 MWh
25	Distribution System	5,947,901 MWh	(463,485)	5,484,416 MWh
26				
27	Total Full-Service Distribution	5,947,901 MWh	(463,485)	5,484,416 MWh
28				
29	Total Full-Service D7	5,947,901 MWh	(463,485)	5,484,416 MWh
30				
31	Choice Distribution D7	Quantity Units		Quantity Units
32				
33	Service Charge	0 Cust.	0	0 Cust.
34				
35	<u>Distribution Charges</u>			
36	Primary	0 kW	0	0 kW
37		0 MWh	0	0 MWh
38	Subtransmission	0 kW	0	0 kW
39		0 MWh	0	0 MWh
40	Transmission	0 kW	0	0 kW
41		0 MWh	0	0 MWh
42	<u>Substation Credit</u>			
43	Demand	0 kW	0	0 kW
44	Energy	0 MWh	0	0 MWh
45	Distribution System	0 MWh	0	0 MWh
46				
47	Total Choice Distribution	0 MWh	0	0 MWh
48				
49	Total D7	5,947,901 MWh	(463,485)	5,484,416 MWh

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Interruptible Supply Rate - D8

	(a)	(b)	(c)	(d)	
Line		2005	Difference	2007	
No.	Power Supply	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u>	<u>Units</u>
1	On-Peak Demand	1,294,214	kW	216,093	1,510,307 kW
2	Product Protection Demand	165,717	kW	9,784	175,501 kW
3					
4	<u>Energy</u>				
5	On-Peak	191,404	MWh	27,581	218,985 MWh
6	Off-Peak	523,002	MWh	71,467	594,469 MWh
7	Total Energy	714,406	MWh	99,048	813,454 MWh
8					
9	<u>Voltage Level Credit</u>				
10	Subtransmission	70,543	MWh	(7,008)	63,536 MWh
11	Transmission	23,226	MWh	1,173	24,399 MWh
12					
13	Total Power Supply	714,406	MWh	99,048	813,454 MWh
14					
15	Full-Service Distribution	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u>	<u>Units</u>
16					
17	Service Charge	132	Cust.	21	153 Cust.
18					
19	<u>Distribution Charges</u>				
20	Primary	1,531,428	kW	179,458	1,710,886 kW
21		620,637	MWh	104,883	725,520 MWh
22	Subtransmission	190,428	kW	(35,670)	154,758 kW
23		70,543	MWh	(7,008)	63,536 MWh
24	Transmission	93,755	kW	0	93,755 kW
25		23,226	MWh	1,173	24,399 MWh
26	<u>Substation Credit</u>				
27	Demand	0	kW	0	0 kW
28	Energy	0	MWh	0	0 MWh
29	Distribution System	714,406	MWh	99,048	813,454 MWh
30					
31	Total Full-Service Distribution	714,406	MWh	99,048	813,454 MWh
32					
33	Total Full-Service D8	714,406	MWh	99,048	813,454 MWh
34					
35	Choice Distribution D8	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u>	<u>Units</u>
36					
37	Service Charge	0	Cust.	0	0 Cust.
38					
39	<u>Distribution Charges</u>				
40	Primary	0	kW	0	0 kW
41		0	MWh	0	0 MWh
42	Subtransmission	0	kW	0	0 kW
43		0	MWh	0	0 MWh
44	Transmission	0	kW	0	0 kW
45		0	MWh	0	0 MWh
46	<u>Substation Credit</u>				
47	Demand	0	kW	0	0 kW
48	Energy	0	MWh	0	0 MWh
49	Distribution System	0	MWh	0	0 MWh
50					
51	Total Choice Distribution	0	MWh	0	0 MWh
52					
53	Total D8	714,406	MWh	99,048	813,454 MWh

The Detroit Edison Company
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All Electric School Building Rate - D10

	(a)	(b)	(c)	(d)
Line No.		2005	Difference	2007
	Power Supply	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u> <u>Units</u>
1	<u>Energy</u>			
2	Energy -- Winter	32,373	MWh	301 32,674 MWh
3	Energy -- Summer	17,053	MWh	(98) 16,955 MWh
4	Total Energy	49,426	MWh	204 49,630 MWh
5				
6	Total Power Supply	49,426	MWh	204 49,630 MWh
7				
8	Full-Service Distribution	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u> <u>Units</u>
9				
10	Service Charge	55	Cust.	(4) 51 Cust.
11				
12	<u>Distribution Charge</u>			
13	Primary	49,426	MWh	204 49,630 MWh
14	Distribution System	49,426	MWh	204 49,630 MWh
15				
16	Total Full-Service Distribution	49,426	MWh	204 49,630 MWh
17				
18	Total Full-Service D10	49,426	MWh	204 49,630 MWh
19				
20	Choice Distribution D10	<u>Quantity</u>	<u>Units</u>	<u>Quantity</u> <u>Units</u>
21				
22	Service Charge	0	Cust.	0 0 Cust.
23				
24	<u>Distribution Charge</u>			
25	Primary	0	MWh	0 0 MWh
26	Distribution System	0	MWh	0 0 MWh
27				
28	Total Choice Distribution	0	MWh	0 0 MWh
29				
30	Total D10	49,426	MWh	204 49,630 MWh

The Detroit Edison Company
Reconciliation of 2005 & 2007 Billing Determinants and Revenues

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Alternative Metal Melting Rider - R1.1

(a)		(b)		(c)	(d)	
Line		2005		Difference	2007	
No.		Quantity	Units		Quantity	Units
	Power Supply					
1	<u>Energy</u>					
2	Secondary					
3	First 100 Hours Use	1,785	MWh	(62)	1,723	MWh
4	Excess Hours Use	924	MWh	(57)	867	MWh
5	Primary					
6	First 100 Hours Use	9,209	MWh	(284)	8,925	MWh
7	Excess Hours Use	3,860	MWh	(410)	3,450	MWh
8	Subtransmission					
9	First 100 Hours Use	15,506	MWh	3,461	18,967	MWh
10	Excess Hours Use	34,079	MWh	6,498	40,577	MWh
11	Transmission					
12	First 100 Hours Use	0	MWh	0	0	MWh
13	Excess Hours Use	0	MWh	0	0	MWh
14	Total Energy	65,363	MWh	9,146	74,509	MWh
15						
16	Total Power Supply	65,363	MWh	9,146	74,509	MWh
17						
18	Full-Service Distribution	Quantity	Units		Quantity	Units
19						
20	<u>Distribution Charges</u>					
21	Secondary					
22	First 100 Hours Use	1,785	MWh	(62)	1,723	MWh
23	Excess Hours Use	924	MWh	(57)	867	MWh
24	Primary					
25	First 100 Hours Use	9,209	MWh	(284)	8,925	MWh
26	Excess Hours Use	3,860	MWh	(410)	3,450	MWh
27	Subtransmission					
28	First 100 Hours Use	15,506	MWh	3,461	18,967	MWh
29	Excess Hours Use	34,079	MWh	6,498	40,577	MWh
30	Transmission					
31	First 100 Hours Use	0	MWh	0	0	MWh
32	Excess Hours Use	0	MWh	0	0	MWh
33						
34	<u>Substation Credit</u>					
35	Energy	0	MWh	4,200	4,200	MWh
36	Distribution System	65,363			74,509	
37						
38	Total Full-Service Distribution	65,363	MWh	9,146	74,509	MWh
39						
40	Total Full-Service R1.1	65,363	MWh	9,146	74,509	MWh
41						
42	Choice Distribution R1.1	Quantity	Units		Quantity	Units
43						
44	<u>Distribution Charges</u>					
45	Secondary					
46	First 100 Hours Use	0	MWh	0	0	MWh
47	Excess Hours Use	0	MWh	0	0	MWh
48	Primary					
49	First 100 Hours Use	0	MWh	0	0	MWh
50	Excess Hours Use	0	MWh	0	0	MWh
51	Subtransmission					
52	First 100 Hours Use	0	MWh	0	0	MWh
53	Excess Hours Use	0	MWh	0	0	MWh
54	Transmission					
55	First 100 Hours Use	0	MWh	0	0	MWh
56	Excess Hours Use	0	MWh	0	0	MWh
57						
58	<u>Substation Credit</u>					
59	Energy	0	MWh	0	0	MWh
60	Distribution System	0			0	
61						
62	Total Choice Distribution	0	MWh	0	0	MWh
63						
64	Total R1.1	65,363	MWh	9,146	74,509	MWh

The Detroit Edison Company
Reconciliation of 2005 & 2007 Billing Determinants and Revenues

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Electric Process Heat Rider - R1.2

(a)		(b)		(c)	(d)	
Line		2005		Difference	2007	
No.	Power Supply	Quantity	Units		Quantity	Units
1	Energy					
2	Secondary					
3	First 100 Hours Use	18,832	MWh	(3,108)	15,724	MWh
4	Excess Hours Use	33,805	MWh	(3,620)	30,185	MWh
5	Primary			0		
6	First 100 Hours Use	103,948	MWh	(9,343)	94,605	MWh
7	Excess Hours Use	289,682	MWh	(37,347)	252,335	MWh
8	Subtransmission					
9	First 100 Hours Use	6,542	MWh	3,140	9,682	MWh
10	Excess Hours Use	17,141	MWh	5,799	22,940	MWh
11	Transmission					
12	First 100 Hours Use	0	MWh	0	0	MWh
13	Excess Hours Use	0	MWh	0	0	MWh
14	Total Energy	469,950	MWh	(44,479)	425,471	MWh
15						
16	Total Power Supply	469,950	MWh	(44,479)	425,471	MWh
17						
18	Full-Service Distribution	Quantity	Units		Quantity	Units
19						
20	Distribution Charges					
21	Secondary					
22	First 100 Hours Use	18,832	MWh	(3,108)	15,724	MWh
23	Excess Hours Use	33,805	MWh	(3,620)	30,185	MWh
24	Primary					
25	First 100 Hours Use	103,948	MWh	(9,343)	94,605	MWh
26	Excess Hours Use	289,682	MWh	(37,347)	252,335	MWh
27	Subtransmission					
28	First 100 Hours Use	6,542	MWh	3,140	9,682	MWh
29	Excess Hours Use	17,141	MWh	5,799	22,940	MWh
30	Transmission					
31	First 100 Hours Use	0	MWh	0	0	MWh
32	Excess Hours Use	0	MWh	0	0	MWh
33						
34	Substation Credit					
35	Energy	0	MWh	0	0	MWh
36	Distribution System	469,950			425,471	
37				0		
38	Total Full-Service Distribution	469,950	MWh	(44,479)	425,471	MWh
39						
40	Total Full-Service R1.2	469,950	MWh	(44,479)	425,471	MWh
41						
42	Choice Distribution R1.2	Quantity	Units		Quantity	Units
43						
44	Distribution Charges					
45	Secondary					
46	First 100 Hours Use	0	MWh	0	0	MWh
47	Excess Hours Use	0	MWh	0	0	MWh
48	Primary					
49	First 100 Hours Use	0	MWh	0	0	MWh
50	Excess Hours Use	0	MWh	0	0	MWh
51	Subtransmission					
52	First 100 Hours Use	0	MWh	0	0	MWh
53	Excess Hours Use	0	MWh	0	0	MWh
54	Transmission					
55	First 100 Hours Use	0	MWh	0	0	MWh
56	Excess Hours Use	0	MWh	0	0	MWh
57	Substation Credit					
58	Energy	0	MWh	0	0	MWh
59	Distribution System	0			0	
60						
61	Total Choice Distribution	0	MWh	0	0	MWh
62						
63	Total R1.2	469,950	MWh	(44,479)	425,471	MWh

The Detroit Edison Company
Reconciliation of 2005 & 2007 Billing Determinants and Revenues

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Parallel Operation And Standby Service Rider - R3

Line No.	(a)	(b)		(c)	(d)	
		2005			2007	
	Power Supply	<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
1	<u>Power Supply Demand</u>					
2	Minimum Demand	280,895	kW	0	280,895	kW
3	Daily Demand	795,998	kW	0	795,998	kW
4	Maintenance Demand	77,140	kW	0	77,140	kW
5	Maximum Billing Demand	58,110	kW	0	58,110	kW
6						
7	<u>Energy</u>					
8	Secondary	7,001	MWh	(35)	6,966	MWh
9	Primary On-Peak	14,655	MWh	(73)	14,582	MWh
10	Primary Off-Peak	71,555	MWh	(359)	71,196	MWh
11	Total Energy	93,211	MWh	(467)	92,744	MWh
12						
13	Secondary Energy Credit	962	MWh	0	962	MWh
14						
15	<u>Voltage Level Credit</u>					
16	Subtransmission	82,056	MWh	0	82,056	MWh
17	Transmission	422	MWh	0	422	MWh
18						
19	Total Power Supply	93,211	MWh	(467)	92,744	MWh
20						
21	Full-Service Distribution	<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
22						
23	<u>Service Charge</u>					
24	Secondary	22	Cust.	0	22	Cust.
25	Primary	16	Cust.	0	16	Cust.
26						
27	<u>Distribution Charges</u>					
28	Secondary	40,404	kW	0	40,404	kW
29	Primary	32,170	kW	0	32,170	kW
30	Subtransmission	390,533	kW	0	390,533	kW
31	Transmission	125,488	kW	0	125,488	kW
32						
33	<u>Substation Credit</u>					
34	Demand	52,271	kW	0	52,271	kW
35	Energy	38,444	MWh	0	38,444	MWh
36	Distribution System	93,211	MWh	(467)	92,744	MWh
37						
38	Total Full-Service Distribution	93,211	MWh	(467)	92,744	MWh
39						
40	Total Full-Service R3	93,211	MWh	(467)	92,744	MWh
41						
42	Choice Distribution R3	<u>Quantity</u>	<u>Units</u>		<u>Quantity</u>	<u>Units</u>
43	RIDER 3 IS NOT APPLICABLE TO RETAIL ACCESS SERVICE					
44						
45	Total R3	93,211	MWh	(467)	92,744	MWh

The Detroit Edison Company
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Interruptible Supply Rider - R10

	(a)	(b)	(c)	(d)
Line	2005		Difference	2007
No.	<u>Power Supply</u>	<u>Quantity</u> <u>Units</u>		<u>Quantity</u> <u>Units</u>
1	Capacity Charge	1,062,329 MWh	231,653	1,293,982 MWh
2	Hourly Power Supply Cost	1,062,329 MWh	231,653	1,293,982 MWh
3				
4	<u>Voltage Level Service Adder</u>			
5	Primary	50,670 MWh	2,416	53,086 MWh
6	Subtransmission	355,010 MWh	226,059	581,069 MWh
7	Transmission	656,649 MWh	3,178	659,827 MWh
8				
9	Total Power Supply	1,062,329 MWh	231,653	1,293,982 MWh
10				
11	<u>Full-Service Distribution</u>	<u>Quantity</u> <u>Units</u>		<u>Quantity</u> <u>Units</u>
12				
13	Service Charge	57 Cust.	1	58 Cust.
14				
15	<u>Distribution Charges</u>			
16	Primary	316,144 kW	(3,830)	312,314 kW
17	Subtransmission	1,276,189 kW	408,940	1,685,129 kW
18	Transmission	3,411,471 kW	(2,353)	3,409,118 kW
19				
20	<u>Substation Credit</u>			
21	Demand	841,697 kW	(145,304)	696,393 kW
22	Energy	288,602 MWh	1,519	290,121 MWh
23	Distribution System	1,062,329 MWh	231,653	1,293,982 MWh
24				
25	Total Full-Service Distribution	1,062,329 MWh	231,653	1,293,982 MWh
26				
27	<u>Total Full-Service R10</u>	1,062,329 MWh	231,653	1,293,982 MWh
28				
29	<u>Choice Distribution R10</u>	<u>Quantity</u> <u>Units</u>		<u>Quantity</u> <u>Units</u>
30				
31	Service Charge	0 Cust.	0	0 Cust.
32				
33	<u>Distribution Charges</u>			
34	Primary	0 kW	0	0 kW
35	Subtransmission	0 kW	0	0 kW
36	Transmission	0 kW	0	0 kW
37				
38	<u>Substation Credit</u>			
39	Demand	0 kW	0	0 kW
40	Energy	0 MWh	0	0 MWh
41	Distribution System	0 MWh	0	0 MWh
42				
43	Total Choice Distribution	0 MWh	0	0 MWh
44				
45	<u>Total R10</u>	1,062,329 MWh	231,653	1,293,982 MWh

The Detroit Edison Company
Reconciliation of 2005 & 2007 Billing Determinants and Revenues

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Large Customer Contracts - LCC

(a)		(b)		(c)	(d)	
Line No.		2005		Difference	2007	
		Quantity	Units		Quantity	Units
1	Full Service					
2	Energy	2,163,433	MWh	(22,275)	2,141,159	MWh
3						
4	Total LCC	2,163,433	MWh	(22,275)	2,141,159	MWh

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The Detroit Edison Company
Summary of Tariff Changes Other Than Schedule Prices

(Continued From Sheet No. B4-9)

B-4.8 SURCHARGES AND CREDITS APPLICABLE TO POWER SUPPLY SERVICE:

(1) POWER SUPPLY COST RECOVERY (PSCR) CLAUSE:

- (a) This Power Supply Cost Recovery Clause permits the monthly adjustment of rates for power supply to allow recovery of the booked costs of fuel and purchased and net interchanged power transactions incurred under reasonable and prudent policies and practices in accordance with 1982 PA 304. All rates for electric service, unless otherwise provided in the applicable rate schedule, shall include a Power Supply Cost Recovery factor.
- (b) The Power Supply Cost Recovery factor is that element of the rates to be charged for electric service to reflect power supply costs incurred by the company and made pursuant to the Power Supply Cost Recovery Clause.
- (c) Effective **December** __, **2006**, the Power Supply Cost Recovery Factor shall consist of an increase or decrease of **0.01076** mills per kWh for each full .01 mill increase or decrease in the projected average booked cost of fuel burned for electric generation and purchased and net interchange power incurred above or below a base of **24.22** mills per kWh. Average booked cost of fuel burned and purchased and net interchange power shall be equal to the booked costs in that period divided by that period's net system kWh requirements. Net system kWh requirements shall be the sum of the net kWh generation and net kWh purchased and interchange power.

The following factor(s) were applied to bills rendered during the billing months as indicated below for the calendar year 2006 and **2007**.

2006			2007		
Billing Month	Maximum Authorized Factor ¢/kWh	Actual Factor Billed ¢/kWh	Billing Month	Maximum Authorized Factor ¢/kWh	Actual Factor Billed ¢/kWh
January	0.038	0.038	January	0.000	
February	0.038	0.038	February	0.000	
March	0.038	0.038	March	0.000	
April	0.700	0.700	April	0.000	
May	0.700	0.700	May	0.000	
June	0.700	0.700	June	0.000	
July	0.798		July	0.000	
August	0.798		August	0.000	
September	0.798		September	0.000	
October	0.215		October	0.000	
November	0.215		November	0.000	
December	0.215		December	0.000	

The Company will file a revised Sheet No. B4-10 monthly, or as necessary, to reflect the factor to be billed the following month.

- (2) REGULATORY ASSET RECOVERY SURCHARGE (RARS):** On November 23, 2004, in its Order in Case No. U-13808, the MPSC authorized the Regulatory Asset Recovery Surcharge. This surcharge is to recover regulatory assets that were based on legislative authority provided by 2000 PA 141, Sections 10d(3) and 10d(4) or prior Commission orders. RARS will be implemented on a service rendered basis.

Class	RARS	Effective Period
D7 & Large Cust. Contracts	\$0.000543/kWh or 1.24%	2005 - 2009
Comm. & Ind. >=15 kW	\$0.000898/kWh or 1.26%	2005 - 2009
Comm. & Ind. <15 kW	\$0.001034/kWh or 1.08%	2005 - 2009
Residential	\$0.002274/kWh or 2.62%	2006 - 2010

(Continued on Sheet No. B4-11)

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER _____, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. B4-10)

**B-4.8 SURCHARGES AND CREDITS APPLICABLE TO POWER SUPPLY SERVICE
(CONTINUED):**

(4) SUMMARY OF SURCHARGES AND CREDITS: Summary of surcharges and credits including PSCR, pursuant to sub-rules (1) and (2) of this rule. (Cents per kilowatthour or percent of base bill)

	PSCR	RARS <15kW	RARS ≥15Kw	Total Power Supply Surcharges <15kW	Total Power Supply Surcharges ≥15kW
Residential					
D1 Residential	0.000¢	0.2274¢		0.2774¢	
D1a Farm	0.000¢	0.2274¢		0.2774¢	
D1.1 Int. Space Conditioning	0.000¢	0.2274¢		0.2774¢	
D1.2 Time-of-Day	0.000¢	0.2274¢		0.2774¢	
D1.3 Senior Citizen	0.000¢	0.2274¢		0.2774¢	
D1.4 Time-of-Day	0.000¢	0.2274¢		0.2774¢	
D1.5 Supp. Space Heating	0.000¢	0.2274¢		0.2774¢	
D1.7 Time-of-Day	0.000¢	0.2274¢		0.2774¢	
D2 Space Heating	0.000¢	0.2274¢		0.2774¢	
D2a Farm	0.000¢	0.2274¢		0.2774¢	
D5 Water Heating	0.000¢	0.2274¢		0.2774¢	
D9 Outdoor Lighting	N/A	2.62%			
Commercial					
D1.1 Int. Space Conditioning	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D1.7 Space Conditioning	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D3 General Service	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D3.1 Unmetered	N/A	1.08%	1.26%		
D3.3 Interruptible	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D3.4 Time-of-Day	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D4 Large General Service	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D5 Water Heating	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
D9 Outdoor Lighting	N/A	1.08%	1.26%		
D10 Schools	0.000¢		0.0898¢		0.0898¢
R3 Standby (Secondary)	0.000¢	see note (1)	see note (1)		
R7 Greenhouse Lighting	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
R8 Space Conditioning	0.000¢	0.1034¢	0.0898¢	0.1034¢	0.0898¢
Industrial					
D6 Primary Supply	0.000¢		0.0898¢		0.0898¢
D6.1 Alternative Primary	0.000¢		0.0898¢		0.0898¢
D7 Transitional Primary	0.000¢		0.0543¢		0.0543¢
D8 Interruptible Primary	0.000¢		0.0898¢		0.0898¢
R1.1 Metal Melting	0.000¢		0.0898¢		0.0898¢
R1.2 Electric Process Heating	0.000¢		0.0898¢		0.0898¢
R3 Standby (Primary)	0.000¢		see note (1)		
R10 Interruptible Supply	N/A		0.0898¢		0.0898¢
Governmental					
E1 Streetlighting	N/A		1.26%		
E1.1 Energy Only	0.000¢		0.0898¢		0.0898¢
E2 Traffic Lights	N/A		1.26%		
E5 Secondary Pumping	0.000¢		0.0898¢		0.0898¢
Special Contracts					
LCC	0.000¢		0.0543¢		0.0543¢

Notes:

(1) RARS for standby energy based upon customer's supplemental rate.

(Continued on Sheet No. B4-11a)

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER _____, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. B4-11)

**B-4.9 SURCHARGES AND CREDITS
APPLICABLE TO DELIVERY SERVICE:**

- (1) **NUCLEAR DECOMMISSIONING SURCHARGE (NDS):** A January 1987 MPSC Order authorized the establishment of an external trust fund to finance the decommissioning of Fermi 2 Power Plant when its operating license expires. The Order approves a decommissioning surcharge on customer bills under which the funds are collected. Pursuant to Commission Order U-10102 dated January 21, 1994, a revised surcharge became effective with service rendered on and after January 22, 1994.
- (2) **SECURITIZATION BOND CHARGE (SBC) AND SECURITIZATION BOND TAX CHARGE (SBTC):** On January 4, 2001 in its Order U-12478, the MPSC authorized the issuance of securitization bonds enabling Detroit Edison's recovery of qualified costs in accordance with the Electric Choice and Electric Reliability Act of 2000. The issuance of the bonds reduced Detroit Edison's overall cost structure and the net cost savings were reflected in 5% reductions in all of Detroit Edison's retail rates. The Securitization Bond Charge was authorized by the MPSC and reflects the payment of principal and interest associated with the bonds as well as recovery of certain servicing and administrative costs. The Securitization Bond Tax Charge reflects the recovery of an income tax liability incurred by the Company arising from its collection of the Securitization Bond principal payments. The Securitization Bond and Securitization Bond Tax Charges are subject to an annual true-up. The current charges appear on Sheet No. B4-11b.
- (3) **RENEWABLE ENERGY PROGRAM SURCHARGE (REPS):** On November 23, 2004, in its Order in Case No. U-13808, the MPSC authorized funding of a Renewable Energy Program for Detroit Edison through the implementation of a 5-cent per-meter, per billing-cycle surcharge on all meters within the Detroit Edison system for all customers whose rates are no longer capped, pursuant to 2000 PA 141 and then so forth as the caps expire for the remaining customers. This surcharge is effective November 24, 2004 for Commercial & Industrial (C&I) customers $\geq$ 15 kW, January 1, 2005 for C&I customers $<$ 15 kW and January 1, 2006 for Residential customers.
- (4) **CHOICE IMPLEMENTATION SURCHARGE (CIS):** On November 23, 2004, in its Final Order in Case No. U-13808, the MPSC authorized a Choice Implementation Surcharge of 0.05 cents per kWh applicable to all metered sales of electricity, effective January 1, 2006. This surcharge recovers the costs associated with implementing the retail electric customer choice program. These costs were also approved by the MPSC in the following cases for the years indicated; Case No. U-12892 (2000), Case No. U-13341 (2001), Case No. U-13738 (2002), and Case No. U-14079 (2003).
- (5) **DISTRIBUTION RATE INCREASE SURCHARGE (DRIS):** *On December ____, 2006, in its Order in Case No. U-14838, the MPSC authorized Detroit Edison to increase Distribution rates through surcharges as set forth on Sheet B4-11b consistent with the Commission's Order.*

(Continued on Sheet No. B4-11b)

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER _____, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. B4-11a)

B-4.9 SURCHARGES AND CREDITS APPLICABLE TO DELIVERY SERVICE: (Continued)

(8) SUMMARY OF SURCHARGES AND CREDITS: Summary of surcharges and credits including PSKR, pursuant to sub-rules (1), (2), (3), (4), (5) and (6) of this rule. (Cents per kilowatthour or percent of base bill)

	<u>NDS (1)</u>	<u>SBC (5)</u>	<u>SBTC (5)</u>	<u>CIS</u>	<u>DRIS (3)</u>	<u>Total Delivery Charges (6)</u>	<u>REPS (per meter per billing cycle)</u>
Residential							
D1 Residential	0.1234¢	0.393¢	0.121¢	0.05¢	0.1271¢	0.8145¢	5¢
D1a Farm	0.1234¢	0.393¢	0.121¢	0.05¢	0.1281¢	0.8155¢	5¢
D1.1 Int. Space Conditioning	0.1234¢	0.393¢	0.121¢	0.05¢	0.1297¢	0.8171¢	5¢
D1.2 Time-of-Day	0.1234¢	0.393¢	0.121¢	0.05¢	0.1441¢	0.8315¢	5¢
D1.3 Senior Citizen	0.1234¢	0.393¢	0.121¢	0.05¢	0.0871¢	0.7745¢	5¢
D1.4 Time-of-Day	0.1234¢	0.393¢	0.121¢	0.05¢	0.1316¢	0.8190¢	5¢
D1.5 Supp. Space Heating	0.1234¢	0.393¢	0.121¢	0.05¢	0.1344¢	0.8218¢	5¢
D1.7 Time-of-Day	0.1234¢	0.393¢	0.121¢	0.05¢	0.0657¢	0.7531¢	5¢
D2 Space Heating	0.1234¢	0.393¢	0.121¢	0.05¢	0.1107¢	0.7981¢	5¢
D2a Farm	0.1234¢	0.393¢	0.121¢	0.05¢	0.1051¢	0.7925¢	5¢
D5 Water Heating	0.1234¢	0.393¢	0.121¢	0.05¢	0.1018¢	0.7892¢	5¢
D9 Outdoor Lighting	0.331%	see note (4)	see note (4)	NA	1.92%		NA
Commercial							
D1.1 Int. Space Conditioning	0.1234¢	0.393¢	0.121¢	0.05¢	0.0901¢	0.7775¢	5¢
D1.7 Space Conditioning	0.1234¢	0.393¢	0.121¢	0.05¢	0.0840¢	0.7714¢	5¢
D3 General Service	0.1234¢	0.393¢	0.121¢	0.05¢	0.1204¢	0.8078¢	5¢
D3.1 Unmetered	0.848%	see note (4)	see note (4)	NA	1.28%		NA
D3.3 Interruptible	0.1234¢	0.393¢	0.121¢	0.05¢	0.0986¢	0.7860¢	5¢
D3.4 Time-of-Day	0.1234¢	0.393¢	0.121¢	0.05¢	0.1155¢	0.8029¢	5¢
D4 Large General Service	0.1234¢	0.393¢	0.121¢	0.05¢	0.1003¢	0.7877¢	5¢
D5 Water Heating	0.1234¢	0.393¢	0.121¢	0.05¢	0.0861¢	0.7735¢	5¢
D9 Outdoor Lighting	0.331%	see note (4)	see note (4)	NA	1.92%		NA
D10 Schools	0.1234¢	0.393¢	0.121¢	0.05¢	0.0864¢	0.7738¢	5¢
R3 Standby (Secondary)	see note (2)	0.393¢	0.121¢	0.05¢	0.0689¢		5¢
R7 Greenhouse Lighting	0.1234¢	0.393¢	0.121¢	0.05¢	0.0796¢	0.7670¢	5¢
R8 Space Conditioning	0.1234¢	0.393¢	0.121¢	0.05¢	0.1198¢	0.8072¢	5¢
Industrial							
D6 Primary Supply	0.1234¢	0.393¢	0.121¢	0.05¢	0.0650¢	0.7524¢	5¢
D6.1 Alternative Primary	0.1234¢	0.393¢	0.121¢	0.05¢	0.0404¢	0.7278¢	5¢
D7 Transitional Primary	0.1234¢	0.393¢	0.121¢	0.05¢	0.0166¢	0.7040¢	5¢
D8 Interruptible Primary	0.1234¢	0.393¢	0.121¢	0.05¢	0.0554¢	0.7428¢	5¢
R1.1 Metal Melting	0.1234¢	0.393¢	0.121¢	0.05¢	0.0510¢	0.7384¢	5¢
R1.2 Electric Process Heating	0.1234¢	0.393¢	0.121¢	0.05¢	0.0488¢	0.7362¢	5¢
R3 Standby (Primary)	see note (2)	0.393¢	0.121¢	0.05¢	0.0689¢		5¢
R10 Interruptible Supply	0.1234¢	0.393¢	0.121¢	0.05¢	0.0368¢	0.7242¢	5¢
Governmental							
E1 Streetlighting	0.265%	see note (4)	see note (4)	NA	1.92%		NA
E1.1 Energy Only	0.1234¢	0.393¢	0.121¢	0.05¢	0.0773¢	0.7647¢	5¢
E2 Traffic Lights	1.427%	see note (4)	see note (4)	NA	1.92%		NA
E5 Secondary Pumping	0.1234¢	0.393¢	0.121¢	0.05¢	0.1062¢	0.7936¢	5¢
Special Contracts							
LCC	Per LCC	0.393¢	0.121¢	0.05¢			5¢

Notes:

- (1) % applied to \$ amount of base bill.
- (2) Nuclear Decommissioning Surcharge (NDS) for standby energy based upon customer's supplemental rate.
- (3) **% applied to \$ amount of base bill and surcharges.**
- (4) The SBC and SBTC are included in this tariff's base rates and will be separately accounted for by Detroit Edison for remittance to the Detroit Edison Securitization Funding L.L.C.
- (5) Pursuant to MPSC Order in Case No. U-12478
- (6) Excludes REPS

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER _____, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Case No.: U-14838
Exhibit: DE-13
Schedule: E9
Page: 1 of 75
Witness: E.L. Falletich
W.J. Newbold
M.W. Shields

**The Detroit Edison Company
Proposed Tariff Sheets**

Rate Schedule No. D1

Residential Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for all residential purposes through one meter to a single or double occupancy dwelling unit including farm dwellings. A dwelling unit consists of a kitchen, bathroom, and heating facilities connected on a permanent basis. Service to appurtenant buildings may be taken on the same meter.

This rate is not available for common areas of separately metered apartments and condominium complexes, nor to a separate meter which serves a garage, boat well or other non-dwelling applications.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charges: 5.271¢ per kWh for the first 17 kWh per day
6.681¢ per kWh for excess over 17 kWh per day

Delivery Charges:

Distribution Charge: 4.279¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

Retail Access Service Customers:

Delivery Charges:

Distribution Charge: 4.279¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

BILLING FREQUENCY: Based on a nominal 30-day month. See Schedule Designation B-4.2(1).

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh.

CONTRACT TERM: Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

(Continued on [Sheet No. D1a](#))

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
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MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. D1)

Rate Schedule No. D1 (Continued)

Residential Service Rate

SUPPLEMENTAL SPACE HEATING PROVISION: Rate D1.5 is available on an optional basis.

WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.

AUXILIARY POWER PROVISION: Residential customers desiring electric service as an auxiliary source of power for wind or solar powered generating equipment shall take service under this rate schedule under special agreement with the Company.

Parallel operation of private electric generation is not permitted except by written permission of the Company.

The customer having auxiliary power shall pay all direct costs of controlling and protective equipment necessitated by the presence of a source of power on his premises.

The customer shall pay the charges set forth above. The customer may elect to sell energy back to the Company at the rate of 3.1¢ per kWh delivered.

Customers selling energy to the Company shall pay a service charge of 12.4¢ per day in addition to their standard daily billing.

FARM SERVICE PROVISION: "Farm" (Residential) means a single or double occupancy dwelling unit which has produced, or would normally produce, agricultural products of a value of \$5,000 or more annually, as reported on IRS Form 1040, Schedule F.

Customers taking service under this rate schedule who, in addition to normal household requirements, use energy purchased for various farm operations may elect to take service under this provision. To qualify for this provision, a customer must certify in writing that he is an operator of a farm which utilized household electricity for agricultural purposes. Customers who qualify and elect this provision will be charged as follows:

FARM SERVICE PROVISION RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charge: 5.858¢ per kWh for all kWh

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: 4.097¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

Retail Access Service Customers:

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: 4.097¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh plus the service charge.

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
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DATED _____
IN CASE NO. U-14838

Rate Schedule No. D1.1

Interruptible Space-Conditioning Service Rate

AVAILABILITY OF SERVICE: Available on an optional basis to Residential and Commercial customers desiring separately metered interruptible service for central air conditioning and/or central heat pump use. Customers who have more than one heat pump and/or air-conditioning unit which serves their business or home, will not be permitted to have only a portion of their load on the rate, all units will be interrupted upon the signal from the Company. Installations must conform with the Company's specifications. This rate is not available to commercial customers being billed on a demand rate.

HOURS OF SERVICE: 24 hours.

HOURS OF INTERRUPTION: Central air-conditioning and/or heat pump units only will be turned off by the Company by remote control on selected days for intervals of no longer than thirty minutes in any hour for no more than eight hours in any one day. Company interruptions may include interruptions for, but not limited to maintaining system integrity, making an emergency purchase, economic reasons, or when available system generation is insufficient to meet anticipated system load.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

RATE PER MONTH: For separately metered space-conditioning service.

Full Service Customers:

Residential Power Supply Charges:

Energy Charge (June through October):	4.540¢ per kWh for all kWh
Energy Charge (November through May):	2.740¢ per kWh for all kWh

Residential Delivery Charges:

Service Charge (June through October):	\$1.95 per month
Distribution Charge (Year-round):	3.717¢ per kWh for all kWh

Commercial Power Supply Charges:

Energy Charge (June through October):	5.393¢ per kWh for all kWh
Energy Charge (November through May):	3.115¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge (June through October):	\$1.95 per month
Distribution Charge (Year-round):	2.710¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

(Continued on [Sheet No. D1.1a](#))

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. D1.1)

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge June through October):	\$1.95 per month
Distribution Charge (Year-round):	3.717¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge June through October):	\$1.95 per month
Distribution Charge (Year-round):	2.409¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
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IN CASE NO. U-14838

Rate Schedule No. D1.2

Residential Time-of-Day Service Rate

AVAILABILITY OF SERVICE: Available on an optional basis to customers whose previous twelve months average usage is equal to or greater than 750 kWh/month, or less at the option of the Company, and desires time of day service for their residential dwelling. Customers who select this rate must qualify for the Residential Service rate D1. This rate is available to no more than 10,000 customers per year.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge (June through October):

9.490¢ per kWh for all On-peak kWh

2.725¢ per kWh for all Off-peak kWh

Energy Charge (November through May):

7.740¢ per kWh for all On-peak kWh

2.765¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1100 and 1900 hours Monday through Friday.

Off-Peak Hours: All other kWh used.

Delivery Charges:

Service Charge: \$19.00 per month

Distribution Charge: **4.354¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$19.00 per month

Distribution Charge: **4.354¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Commencing upon installation of the Time-of-Day meter, service will be provided for twelve continuous months thereafter, with termination upon mutual consent of the Company and the customer.

WATER HEATING SERVICE: Water heating service is available on an optional basis except that Option II--Combined Meter--Controlled is not available.

INTERRUPTIBLE SPACE CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

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DATED _____
IN CASE NO. U-14838

Rate Schedule No. D1.3

Senior Citizen Residential Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for all residential purposes through one meter to a single occupancy or individual dwelling unit including farm dwellings. To qualify for this rate, the customer must be at least 62 years of age and head of the household. As a condition of service under this rate, a customer must agree to permit the Company to control some of his appliances, if and when the Company implements such control equipment. Customers with electric water heaters must receive service under controlled water heating rate D5. Residential appliances subject to control may be central air-conditioning, dishwashers and electric clothes dryers. The exact nature and conditions of control of devices, however, shall be those authorized by the Commission pursuant to a subsequent hearings procedure.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charges:

3.872¢ per kWh for the first 10 kWh per day

10.626¢ per kWh for excess over 10 kWh per day

Delivery Charges:

Distribution Charge: 2.701¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

Retail Access Service Customers:

Delivery Charges:

Distribution Charge: 2.701¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

SPACE HEATING PROVISION: For customers in which all of the space heating is supplied by electric service through the same meter and is installed on a permanent basis, usage in excess of 10 kWh per day for the billing months of November through May shall be billed a Power Supply charge of 3.625¢ per kWh and a Distribution charge of 3.399¢ per kWh.

BILLING FREQUENCY: Based on a nominal 30-day month. See Schedule Designation B-4.2(1).

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh.

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months. Terminable on three days' notice after initial 12 months by either party. Where special services are required, the term will be specified in the applicable contract rider.

WATER HEATING SERVICE: See Schedule Designation No. D5.

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

SUPPLEMENTAL SPACE HEATING PROVISION: Rate D1.5 is available on an optional basis.

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M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

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AFTER _____
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DATED _____
IN CASE NO. U-14838

Rate Schedule No. D1.4

Optional Residential Service Rate (Time-of-Day Farm and Space Heating Rate)

AVAILABILITY OF SERVICE: Available to customers for full time farm and/or space heating use for individual single family dwellings, or separately metered apartments and in the usual appurtenant buildings served through the residential meters. The customer must contract to receive service under this rate for a minimum of 12 months. To qualify for the farm and/or space heating rate, the prospective customer must conform to the eligibility requirements as established on tariff sheets D1a or D2, respectively.

This rate is available only to installations being served on this rate prior to January 22, 1994.

CURRENT, PHASE AND VOLTAGE: Same as Residential Space Heating Rate D2.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge:

On-Peak kWh: 6.166¢ per kWh for all kWh
Off-Peak kWh: 2.977¢ per kWh for all kWh

On-Peak: All kWh used between 1100 and 1900 hours Monday through Friday.
Off-Peak: All other kWh used.

Delivery Charges:

Service Charge: \$6.51 per month
Distribution Charge: 4.003¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$6.51 per month
Distribution Charge: 4.003¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months. Terminable on three days' notice after initial 12 months by either party. Where special services are required, the term will be specified on the applicable contract rider.

WATER HEATING SERVICE: Customers with electric water heating can take water heating service under either Option I or Option III of Water Heating Service Rate D5.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
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MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Rate Schedule No. D1.5 Residential Supplemental Space Heating Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for Supplemental Electric Space Heating for that portion of the home which is heated with permanently installed separately metered electric space heating unit(s) totaling 3 kW or more. This rate is not available for heat pumps.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER MONTH: For separately metered supplemental space heating service.

Full Service Customers:

Power Supply Charges:

Energy Charge: ~~3.644¢~~ per kWh for all kWh

Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: ~~3.917¢~~ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: ~~3.917¢~~ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

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IN CASE NO. U-14838

Rate Schedule No. D1.7

**Space Conditioning, Water Heating,
Electric Vehicle Time-of-day Rate**

AVAILABILITY OF SERVICE: Available on an optional basis to no more than 5,000 residential customers desiring separately metered service for approved space conditioning and/or water heating. The rate will not be administered to discriminate in favor of Company personnel. To qualify for the rate the water heater must be for sanitary purposes with the tank size, design and method of installation approved by the company. The space conditioning equipment must be permanently installed.

This rate is also available to customers desiring service to a separately metered circuit for which the sole purpose is the charging of licensed electric vehicles. Customers taking service under this provision are not subject to the 5,000 customer limitation. A statistically significant sample of participants will receive demand meters.

HOURS OF SERVICE: 24 Hours

CURRENT, PHASE AND VOLTAGE: Same as D1 and D3 Rates

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months terminable on three days notice after the initial 12 months by either party. Where special services are required, the term will be specified on the applicable contract rider.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

MINIMUM CHARGE: The Service Charge.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

RATE PER DAY:

Full Service Customers:

Residential Power Supply Charges:

Energy Charge (June through September):

7.943¢ per kWh for all On-peak kWh

2.740¢ per kWh for all Off-peak kWh

Energy Charge (October through May):

2.740¢ per kWh for all On-peak kWh

2.740¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1000 and 1900 hours Monday through Friday.

Off-Peak Hours: All other kWh used.

Residential Delivery Charges:

Service Charge: 6.70¢ per day

Distribution Charge: **1.723¢** per kWh for all kWh

(Continued on [Sheet No. D1.7a](#))

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DATED _____
IN CASE NO. U-14838

(Continued From **Sheet No. D1.7**)

Rate Schedule No. D1.7 (Continued)

**Space Conditioning, Water Heating,
Electric Vehicle Time-of-Day Rate**

Commercial Power Supply Charges:

Energy Charge (June through September):

3.590¢ per kWh for all On-peak kWh

2.740¢ per kWh for all Off-peak kWh

Energy Charge (October through May):

2.740¢ per kWh for all On-peak kWh

2.740¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1000 and 1900 hours Monday through Friday.

Off-Peak Hours: All other kWh used.

Commercial Delivery Charges:

Service Charge: 6.70¢ per day

Distribution Charge: **2.559¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge: 6.70¢ per day

Distribution Charge: **1.723¢** per kWh for all kWh

Commercial Delivery Charges:

Service Charge: 6.70¢ per day

Distribution Charge: **2.559¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

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Rate Schedule No. D2

Residential Space Heating Rate

AVAILABILITY OF SERVICE: Available on an optional basis to customers desiring service for all residential purposes to a single or double occupancy dwelling unit including farm dwellings. All of the space heating must be total electric installed on a permanent basis and served through one meter. This rate also available to customers with add-on heat pumps and fossil fuel furnaces served on this rate prior to July 16, 1985. The design and method of installation and control of equipment as adopted to this service are subject to approval by the Company. This rate is also available to customers with electric heat assisted with a renewable heat source.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally. In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charges: (June through October):	5.271¢ per kWh for the first 17 kWh per day
	6.681¢ per kWh for over 17 kWh per day
Energy Charges: (November through May):	6.039¢ per kWh for the first 20 kWh per day
	4.365¢ per kWh for over 20 kWh per day

Delivery Charges:

Distribution Charge: (June through October):	4.185¢ per kWh for all kWh
Distribution Charge: (November through May):	3.394¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9
Applies only to actual consumption and not to the minimum charge

Retail Access Service customers:

Delivery Charges:

Distribution Charge: (June through October):	4.185¢ per kWh for all kWh
Distribution Charge: (November through May):	3.394¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

BILLING FREQUENCY: Based on a nominal 30-day month. See Schedule Designation B-4.2(1).

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh.

CONTRACT TERM: Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

(Continued on [Sheet No. D2a](#))

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IN CASE NO. U-14838

(Continued From Sheet No. D2)

Rate Schedule No. D2 (Continued)

Residential Space Heating Rate

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

AUXILIARY POWER PROVISION: Residential customers desiring electric service as an auxiliary source of power for wind or solar powered generating equipment shall take service under this rate schedule under special agreement with the Company.

Parallel operation of private electric generation is not permitted except by written permission of the Company.

The customer having auxiliary power shall pay all direct costs of controlling and protective equipment necessitated by the presence of a source of power on his premises.

The customer shall pay the charges set forth above. The customer may elect to sell energy back to the Company at the rate of 3.1¢ per kWh delivered.

Customers selling energy to the Company shall pay a service charge of 12.4¢ per day in addition to their standard monthly billing.

FARM SERVICE PROVISION: Customers taking service under this rate schedule who, in addition to normal household requirements, use energy purchased for various farm operations may elect to take service under this provision. To qualify for this provision, a customer must certify in writing that he is an operator of a farm which utilized household electricity for agricultural purposes. Customers who qualify and elect this provision will be charged **as follows:**

FARM SERVICE PROVISION RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charge: (June through October): 5.858¢ per kWh for all kWh

Energy Charge: (November through May): 5.858¢ per kWh for the first 20 kWh per day
5.117¢ per kWh for over 20 kWh per day

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: (June through October): 4.097¢ per kWh for all kWh

Distribution Charges: (November through May): 4.097¢ per kWh for the first 20 kWh per day
2.325¢ per kWh for over 20 kWh per day

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: (June through October): 4.097¢ per kWh for all kWh

Distribution Charges: (November through May): 4.097¢ per kWh for the first 20 kWh per day
2.325¢ per kWh for over 20 kWh per day

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh plus the service charge.

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Rate Schedule No. D3

General Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose, except that this rate is not available for service in conjunction with the Large General Service Rate. At the Company's option, service may be available to loads in excess of 1000 kW for situations where significant modifications to service facilities are not required to serve the excess load. Effective May 27, 1981, this rate is not available to customers desiring service through one meter for residential purposes to a single or double occupancy dwelling unit.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge: 5.675¢ per kWh for all kWh

Delivery Charges:

Service Charge: \$8.78 per month

Distribution Charge: 3.783¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$8.78 per month

Distribution Charge: 3.783¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue derived therefrom, the term will be as specified in the applicable contract rider.

WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available for commercial space-conditioning use. This provision is applicable to central air-conditioning and heat pump use. All other provisions of D3 shall apply.

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Rate Schedule No. D3.3

Interruptible General Service Rate

AVAILABILITY OF SERVICE: Available to no more than 100 customers desiring interruptible service in conjunction with taken service under the general service rate. Service to interruptible load shall be taken through separately metered circuits and permanently wired. The design and method of installation for application of this rate shall be subject to the approval of the Company. Service to interruptible load may not be transferred to firm service circuits to avoid interruption. This rate is not available for loads that are primarily off-peak, such as outdoor lighting.

HOURS OF SERVICE: 24 hours except as described below.

HOURS OF INTERRUPTION: All electric power delivered hereunder shall be subject to interruption by the Company, by remote control signal. Company interruptions may include interruptions for, but not limited to, maintaining system integrity, making an emergency purchase, economic reasons, or when available system generation is insufficient to meet anticipated system load.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge: 4.652¢ per kWh for all kWh

Delivery Charges:

Service Charge: \$8.78 per month

Distribution Charge: 3.158¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$8.78 per month

Distribution Charge: 3.158¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. However, where special services are required or where the investment to serve is out of proportion to the revenue derived there from, the contract term will be as specified in the applicable contract rider or Extension of Service Agreement.

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Rate Schedule No. D3.4

Optional Time-of-Day General Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose for the entire electrical requirements at a location. Only open to customers whose energy consumption is equal to or greater than 25,000 kWh per month for three consecutive months, and otherwise qualify for the General Service Rate D3.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge: **12.010¢** per kWh for all On-peak kWh
4.538¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1100 and 1900 hours Monday through Friday.
Off-Peak Hours: All other kWh used.

Delivery Charges:

Service Charge: \$12.95 per month
Distribution Charge: **3.799¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$12.95 per month
Distribution Charge: **3.799¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: One year under written contract and month-to-month thereafter. This rate is experimental in nature and may be cancelled at either the completion of the first year of the contract or upon one month's notice thereafter, by either party.

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IN CASE NO. U-14838

Rate Schedule No. D4

Large General Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose, except that this rate is not available for service in conjunction with the General Service Rate.

Effective May 27, 1981, this rate is not available to customers desiring service through one meter for residential purposes to a single or double occupancy dwelling unit.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge:	\$3.50 per kW applied to the Monthly Billing Demand
Energy Charges:	~~4.983¢~~ per kWh for the first 200 kWh per kW of billing demand
	~~3.993¢~~ per kWh for the excess

Delivery Charges:

Service Charge:	\$13.67 per month
Distribution Demand Charge:	~~\$9.00~~ per kW applied to the Monthly Billing Demand
Distribution Energy Charge:	~~0.975¢~~ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge:	\$13.67 per month
Distribution Demand Charge:	~~\$9.00~~ per kW applied to the Monthly Billing Demand
Distribution Energy Charge:	~~0.975¢~~ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: Service Charge plus all applicable demand charges.

MONTHLY BILLING DEMAND: Is the greatest of the following:

- (a) The highest single reading of the demand meter during the billing period.
- (b) 5 kW.
- (c) 65% of the highest metered billing demand occurring during the billing months of June through October established during the preceding eleven billing months.

Demand readings shall be rounded to the nearest whole integer.

For customers who guarantee a minimum billing demand of 100 kW, the monthly billing demand in part (a) above shall be the highest 30-minute reading of the demand meter during on-peak hours. (See Rule B-4.4, Schedule of on-peak hours.) If the highest 30-minute demand occurs during off-peak hours, then the monthly billing demand shall be the on-peak demand plus one-third of the difference between the on-peak and off-peak maximum demands occurring during the same period.

(Continued on [Sheet No. D4a](#))

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(Continued From **Sheet No. D5**)

Rate Schedule No. D5 (Continued)

Water Heating Service Rate

RATE PER MONTH:

Option I – Separate Meter – Controlled

Full Service Customers:

Residential Power Supply Charges:

Energy Charge: **2.740¢** per kWh for all kWh

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: **2.751¢** per kWh for all kWh

Commercial Power Supply Charges:

Energy Charge: **3.070¢** per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: **2.433¢** per kWh for all kWh

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: **2.751¢** per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: **2.433¢** per kWh for all kWh

Option II – Combined Meter – Controlled

Full Service Customers:

Residential: A Power Supply Charge of **2.740¢** per kWh and a Delivery Distribution Charge of **2.751¢** per kWh shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule.

Commercial: A Power Supply Charge of **3.070¢** per kWh and a Delivery Distribution Charge of **2.433¢** per kWh shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule. However, for customers being billed on the General Service Rate D3, a block of 300 kWh per month will apply, but not to the first 210 kWh per month.

Retail Access Service Customers:

Residential: A Delivery Distribution Charge of **2.751¢** per kWh shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule.

Commercial: A Delivery Distribution Charge of **2.433¢** per kWh shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule. However, for customers being billed on the General Service Rate D3, a block of 300 kWh per month will apply, but not to the first 210 kWh per month.

(Continued on **Sheet No. D5b**)

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(Continued From Sheet No. D5a)

Rate Schedule No. D5 (Continued)

Water Heating Service Rate

Option III – Separate Meter – Uncontrolled

Full Service Customers:

Residential Power Supply Charges:

Energy Charge: 4.140¢ per kWh for all kWh

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.751¢ per kWh for all kWh

Commercial Power Supply Charges:

Energy Charge: 5.240¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.433¢ per kWh for all kWh

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.751¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.433¢ per kWh for all kWh

SURCHARGES AND CREDITS: As approved by the Commission. Power Supply Charges are subject to Schedule Designation B4.8. Delivery Charges are subject to Schedule Designation B4-9.

CONTRACT TERM: Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

WATER HEATER REQUIREMENTS FOR WATER HEATER RATE APPLICATION:

Residential Service

<u>Rate Option</u>	<u>Minimum Tank Capacity*</u>	<u>Maximum Total Connected Load**</u>
1 and 3	30 gallons	5.5 kW

Commercial Service

<u>Rate Option</u>	<u>Minimum Tank Capacity*</u>	<u>Maximum Total Connected Load**</u>
1 and 3	2 gallons per kW of total connected load 40 gallon minimum	Controlled by minimum tank capacity requirements

*No limitation to number of tanks

**Single or multi-element

Rate Option 2 - Residential and Commercial (Not available for new installations)
Requirements

- 40 Gallon Minimum (Commercial), 30 gallon minimum (Residential)
- One Tank Only
- 5.5 kW Maximum Total Connected Load
- No More than 2 Elements

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Rate Schedule No. D6

Primary Supply Rate

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, sub-transmission, or transmission voltage who contract for a specified capacity of not less than 50 kilowatts at a single location.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: \$10.93 per kW of on-peak billing demand

Energy Charges: **3.104¢** per kWh for all on-peak kWh
2.804¢ per kWh for all off-peak kWh

Voltage Level Discount:

0.15¢ per kWh at transmission level

0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) **\$4.28** per kW of maximum demand and **0.635¢** per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) **\$3.21** per kW of maximum demand and **0.635¢** per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) **\$2.38** per kW of maximum demand and **0.635¢** per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

(Continued on [Sheet No. D6a](#))

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(Continued From Sheet No. D6)

Rate Schedule No. D6 (Continued)

Primary Supply Rate

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) **\$4.28** per kW of maximum demand **and 0.635¢ per kWh for all energy delivered.**

For service at subtransmission voltage (24 to 41.6 kV) **\$3.21** per kW of maximum demand **and 0.635¢ per kWh for all energy delivered.**

For service at transmission voltage (120 kV and above) **\$2.38** per kW of maximum demand **and 0.635¢ per kWh for all energy delivered.**

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See Schedule Designation B-4.6.

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly on-peak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All applicable demand charges plus the service charge.

SCHEDULE OF ON-PEAK HOURS: See Schedule Designation B-4.4.

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

Retail Access Service Customers:

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

(Continued on Sheet No. D6b)

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Rate Schedule No. D6.1

Alternative Primary Supply Service

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, subtransmission, or transmission voltage who contract for a specified capacity of not less than 10,000 kilowatts at a single location.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 10,000 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges: **12.674¢** per kWh for the first 150 hours use of on-peak billing demand created during the billing month, but not less than 10,000 kW
2.439¢ per kWh for the next 300 hours use of on-peak billing demand created during the billing month, but not less than 10,000 kW
1.861¢ per kWh for the excess kWh

The Energy Charge will be reduced by 0.30¢ per kWh for all off-peak use

Voltage Level Discount:

0.15¢ per kWh at transmission level
0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand and **0.696¢** per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.10 per kW of maximum demand and **0.696¢** per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.25 per kW of maximum demand and **0.696¢** per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

(Continued on [Sheet No. D6.1a](#))

ISSUED _____
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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
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MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From [Sheet No. D6.1](#))

Rate Schedule No. D6.1 (Continued)

Alternative Primary Supply Service

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand and **0.696¢ per kWh for all energy delivered.**

For service at subtransmission voltage (24 to 41.6 kV) **\$2.10** per kW of maximum demand **and 0.696¢ per kWh for all energy delivered.**

For service at transmission voltage (120 kV and above) **\$1.25** per kW of maximum demand **and 0.696¢ per kWh for all energy delivered.**

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See Schedule Designation B-4.6.

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly on-peak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 10,000 kilowatts.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All applicable demand charges plus the service charge.

SCHEDULE OF ON-PEAK HOURS: See Schedule Designation B-4.4.

(Continued on [Sheet No. D6.1b](#))

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Rate Schedule No. D6.2

Primary Space Conditioning Rate

THIS RATE TERMINATED AS OF _____

HOLD FOR FUTURE USE

(Continued on [Sheet No. D6.2a](#))

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From [Sheet No. D6.2](#))

Rate Schedule No. D6.2 (Continued)

Primary Space Conditioning Rate

THIS RATE TERMINATED AS OF _____

HOLD FOR FUTURE USE

(Continued on [Sheet No. D6.2b](#))

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From [Sheet No. D6.2a](#))

Rate Schedule No. D6.2 (Continued)

Primary Space Conditioning Rate

THIS RATE TERMINATED AS OF _____

HOLD FOR FUTURE USE

ISSUED _____
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Rate Schedule No. D7

Transitional Primary Supply Rate

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, sub-transmission, or transmission voltage who took service under a Special Manufacturing Contract during 2004.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: \$10.30 per kW of on-peak billing demand

Energy Charge: 3.207¢ per kWh for all kWh

Voltage Level Discount:

0.15¢ per kWh at transmission level

0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.45 per kW of maximum demand and (0.376)¢ per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.35 per kW of maximum demand and (0.376)¢ per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.50 per kW of maximum demand and (0.376)¢ per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.45 per kW of maximum demand and (0.376)¢ per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.35 per kW of maximum demand and (0.376)¢ per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.50 per kW of maximum demand and (0.376)¢ per kWh for all energy delivered.

(Continued on Sheet No. D7a)

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SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Rate Schedule No. D8

Interruptible Supply Rate

AVAILABILITY OF SERVICE: Available to customers desiring separately metered service at primary voltage who contract for a specified quantity of demonstrated interruptible load of not less than 50 kilowatts at a single location. Contracted interruptible capacity on this rate is limited to 150 megawatts.

HOURS OF INTERRUPTION: All electric power delivered hereunder shall be subject to curtailment on order of the Company. Customers may be ordered to interrupt only when the Company finds it necessary to do so either to maintain system integrity or when the existence of such loads shall lead to a capacity deficiency by the utility. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Rule B-3.7. A Capacity Deficiency Interruption Order may be given by the Company when available system generation is insufficient to meet anticipated system load.

NOTICE OF INTERRUPTION: The customer shall be provided, whenever possible, notice in advance of probable interruption and the estimated duration of the interruption.

NON-INTERRUPTION FEE: Customers who do not interrupt within one hour following notice of a capacity deficiency interruption order shall be billed at the cost of replacement energy plus 0.576¢ per kWh during the time of interruption plus the applicable voltage level charge, but not less than the normal D8 rate. Voltage level charges for service other than transmission voltage are:

0.15¢ per kWh at the distribution level.

0.05¢ per kWh at the subtransmission level.

NON-INTERRUPTION PENALTY: A customer who does not interrupt within one hour following a system integrity interruption order shall be billed at the rate of **\$10** per kW for the highest 30-minute kW demand created during the interruption period for all usage above the customer's firm demand, in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not interrupt within one hour following notice shall be immediately reduced by the amount by which the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

(Continued on [Sheet No. D8a](#))

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. D8)

Rate Schedule No. D8 (Continued)

Interruptible Supply Rate

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet maximum interruptible requirements, but not less than 50 kilowatts. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The interruptible contract capacity shall not include any firm power capacity, except under Product Protection Provision.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: \$8.46 per kW of on-peak billing demand

Energy Charge:

3.104¢ per kWh for all on-peak kWh

2.804¢ per kWh for all off-peak kWh

Voltage Level Discount:

0.15¢ per kWh at transmission level

0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.50 per kW of maximum demand and **0.620¢** per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.40 per kW of maximum demand and **0.620¢** per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.55 per kW of maximum demand and **0.620¢** per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

(Continued on Sheet No. D8b)

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M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. D8a)

Rate Schedule No. D8 (Continued)

Interruptible Supply Rate

Retail Access Service customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) **\$3.50** per kW of maximum demand **and 0.620¢ per kWh for all energy delivered.**

For service at subtransmission voltage (24 to 41.6 kV) **\$2.40** per kW of maximum demand **and 0.620¢ per kWh for all energy delivered.**

For service at transmission voltage (120 kV and above) **\$1.55** per kW of maximum demand **and 0.620¢ per kWh for all energy delivered.**

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See Schedule Designation B-4.6.

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. In no event will the monthly on-peak billing demand be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All **applicable** demand charges plus the service charge.

ON-PEAK HOURS: See Schedule Designation B-4.4.

PRODUCT PROTECTION PROVISION (Full Service Customers Only): A customer on rate D8 may elect to contract for a minimum load during the period of interruption to protect his product or process. This minimum load called "product protection load" shall not exceed 10% of the total contracted interruptible load and shall be charged a monthly demand charge per kW of product protection contract capacity equal to the kW demand charges for the primary supply rate (D6) including on-peak demand charges and maximum demand charges as applicable. The 10% limitation may be increased to 25% in special situations.

(Continued on Sheet No. D8c)

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REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From **Sheet No. D9**)

Rate Schedule No. D9 (Continued)

Outdoor Protective Lighting

- (1) Special purpose facilities are considered to be line or cable extensions, transformers, and any additional poles without lights, excluding facilities provided under stated charges on Sheet No. D9a. Where special purpose facilities are required, a service charge of 18% per year on the investment in such facilities will be billed in installments as an addition to the regular rate for each light. In the event the customer discontinues service before the end of the contract term, the established rate as well as the service charge on special purpose facilities for the remaining portion of the contract term shall immediately become due and payable. This provision was closed to new installations as of January 22, 1994.
- (2) For new installations after January 22, 1994, which require investment in excess of three times the annual revenue, this rate is available only to customers who make a contribution in aid of construction equal to the amount by which the investment exceeds three times the annual revenue at the prevailing rate at the time of installation.

RATES: All-night service.

<u>Nominal Lamp Size</u> <u>Watts</u>	<u>Type of Service</u>	<u>Charge per</u> <u>Lamp per Year</u>
	Overhead Protective Lighting Service Existing Pole and Existing Secondary Facilities	
175	Mercury Vapor	\$143.16
250*	Mercury Vapor	\$167.64
400	Mercury Vapor	\$207.96
1,000	Mercury Vapor	\$417.24
100	High Pressure Sodium	\$129.00
250	High Pressure Sodium	\$195.12
400	High Pressure Sodium	\$309.48

For installations prior to January 22, 1994
New Pole and Single Span of Secondary Facilities
The above rate plus \$24.48 per pole per year.

Effective January 22, 1994 installation requiring additional facilities shall pay a contribution in aid of construction in lieu of the service charge.
Contribution is described in paragraph (2) above.

Multiple Lamps on a Single Pole
For each additional luminaire added to the same pole
the charge will be at the existing pole rate.

*Not available for new business.

(Continued on **Sheet No. D9b**)

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
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MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From [Sheet No. D9a](#))

Rate Schedule No. D9 (Continued)

Outdoor Protective Lighting

RATES: All-night service supplied by mercury vapor lamps.

Nominal Lamp Size <u>Watts</u>	Charge per <u>Lamp per Year</u>
Ornamental Underground Protective Lighting Service* Lamp Spacing up to 120 Feet of Trench	
100	\$292.32
175	\$336.36
250	\$354.72
400	\$412.32
1,000	\$576.24

Multiple Lamps on a Single Pole

For each additional luminaire added to the same pole
reduce rate per lamp per year on the added luminaire by **\$97.80**.

*Not available for new business.

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
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DATED _____
IN CASE NO. U-14838

Rate Schedule No. D10

All-Electric School Building Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service in school buildings served at primary voltage who contract for a specified installed capacity of not less than 50 kilowatts at a single location provided the space heating and water heating for all or a substantial portion of the premises is supplied by electric service and is installed on a permanent basis.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800 or 13,200 volts at the option of the Company.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge (June through October): **6.813¢** per kWh for all kWh
Energy Charge (November through May): **5.143¢** per kWh for all kWh

Delivery Charges:

Service Charge: \$108.00 per month
Distribution Charge: **2.559¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$108.00 per month
Distribution Charge: **2.559¢** per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

(Continued on [Sheet No. D10a](#))

Standard Contract Rider No. 1.1

Alternative Electric Metal Melting

APPLICABLE TO:

General Service Rate
Large General Service Rate
Primary Supply Rate
Alternative Primary Supply Rate
Primary Space Conditioning Rate
Interruptible Supply Rate

Schedule Designation D3
Schedule Designation D4
Schedule Designation D6
Schedule Designation D6.1
Schedule Designation D6.2
Schedule Designation D8

Customers operating electric furnaces for metal melting or for the reduction of metallic ores and/or electric use consumed in holding operations and taking their supply at any of the above rates and who provide special circuits so that the Company may install necessary meters, may take service under this Rider subject to Rule B2.4 - Choice of Rates.

Customers shall be subject to immediate interruption on short-term notice if necessary, in order to maintain system integrity. The customer shall be provided, whenever possible, notice in advance of probable interruption and estimated duration of interruption.

Non-Compliance Penalty: A customer who does not interrupt within one hour following a system integrity interruption order shall be billed at the rate of \$50 per kW for the highest 30-minute kW demand created during the interruption period in addition to the prescribed monthly rate.

Electric energy from any facilities, other than the Company's, except for on-site generation installed prior to January 1, 1986, will be used to first reduce the sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No. 3, No. 5 or No. 6.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges:

For service at secondary voltage level (less than 4.8 kV)
7.683¢ for the first 100 hours use of maximum demand
4.742¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)
6.868¢ for the first 100 hours use of maximum demand
4.163¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)
6.797¢ for the first 100 hours use of maximum demand
4.054¢/kWh for the excess

For service at transmission voltage level (120 kV and above)
6.668¢/kWh for the first 100 hours use of maximum demand
4.001¢/kWh for the excess

(Continued on Sheet No. R1.1a)

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M. E. CHAMPLEY
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REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. R1.1)

Standard Contract Rider No. 1.1 (Continued)

Alternative Electric Metal Melting

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)
2.149¢ for the first 100 hours use of maximum demand
1.099¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)
1.871¢ for the first 100 hours use of maximum demand
0.939¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)
1.854¢ for the first 100 hours use of maximum demand
0.896¢/kWh for the excess

For service at transmission voltage level (120 kV and above)
1.832¢/kWh for the first 100 hours use of maximum demand
0.897¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)
2.149¢ for the first 100 hours use of maximum demand
1.099¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)
1.871¢ for the first 100 hours use of maximum demand
0.939¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)
1.854¢ for the first 100 hours use of maximum demand
0.896¢/kWh for the excess

For service at transmission voltage level (120 kV and above)
1.832¢/kWh for the first 100 hours use of maximum demand
0.897¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

(Continued On Sheet No. R1.1b)

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M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Standard Contract Rider No. 1.2

Electric Process Heat

APPLICABLE TO:

General Service Rate
Large General Service Rate
Primary Supply Rate
Alternative Primary Supply Rate
Primary Space Conditioning Rate
Interruptible Supply Rate

Schedule Designation D3
Schedule Designation D4
Schedule Designation D6
Schedule Designation D6.1
Schedule Designation D6.2
Schedule Designation D8

Customers using electric heat as an integral part of a manufacturing process, or electricity as an integral part of an anodizing, plating or coating process, and taking their supply at any of the above rates and who provide special circuits to accommodate separate metering may take service under this Rider subject to Rule B2.4 - Choice of Rates.

This Rider is available only to customers who add new load on or after May 1, 1986 to engage in the above described processes and to customers served on R1.1 prior to May 1, 1986 and engaged in the above described processes.

Customers shall be subject to immediate interruption on short-term notice if necessary, in order to maintain system integrity. The customer shall be provided, whenever possible, notice in advance of probable interruption and estimated duration of interruption.

Non-Compliance Penalty: A customer who does not interrupt within one hour following a system integrity interruption order shall be billed at the rate of \$50 per kW for the highest 30-minute kW demand created during the interruption period in addition to the prescribed monthly rate.

Electric energy from any facilities, other than the Company's, except for on-site generation installed prior to January 1, 1986, will be used to first reduce the sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No. 3, No. 5 or No. 6.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges:

For service at secondary voltage level (less than 4.8 kV)

7.683¢ the first 100 hours use of maximum demand

4.742¢ the excess

For service at primary voltage level (4.8 kV to 13.2 kV)

6.868¢ the first 100 hours use of maximum demand

4.163¢ the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)

6.797¢ the first 100 hours use of maximum demand

4.054¢ for the excess

For service at transmission voltage level (120 kV and above)

6.668¢ for the first 100 hours use of maximum demand

4.001¢ for the excess

(Continued on Sheet No. R1.2a)

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AFTER _____
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DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. R1.2)

Standard Contract Rider No. 1.2 (Continued)

Electric Process Heat

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)
2.149¢ for the first 100 hours use of maximum demand
1.099¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)
1.871¢ for the first 100 hours use of maximum demand
0.939¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)
1.854¢ for the first 100 hours use of maximum demand
0.896¢/kWh for the excess

For service at transmission voltage level (120 kV and above)
1.832¢/kWh for the first 100 hours use of maximum demand
0.897¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)
2.149¢ for the first 100 hours use of maximum demand
1.099¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)
1.871¢ for the first 100 hours use of maximum demand
0.939¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)
1.854¢ for the first 100 hours use of maximum demand
0.896¢/kWh for the excess

For service at transmission voltage level (120 kV and above)
1.832¢/kWh for the first 100 hours use of maximum demand
0.897¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

(Continued on Sheet No. R1.2b)

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
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DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. R3b)

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

Energy Charge:

An energy charge for back-up and maintenance power will be charged based on standby contract capacity less the output of the customer's generator, but not less than zero. For customers served on supplemental rate schedules D4, D6, D6.1, D7, D8, and E4, the energy charge will be the D6 on-peak energy charge, **3.104¢** per kWh, plus appropriate credits and surcharges, including but not limited to off-peak credit, voltage level credit, and substation credit. For customers served on supplemental rate schedules D3, D3.3, and E5, the energy charge will be the applicable energy charge plus surcharges less a credit per kWh equal to the non-generation fixed charge per kW, **\$6.05**, divided by 500, applied to the first 500 hours use of standby contract capacity per month for back-up or maintenance power. The energy as stated herein, is also subject to the provision of schedule designation B-4.6 PSCR clause.

Waivers and limits for demand/energy rates:

For customers served on supplemental rates schedules D4, D6, D6.1, D8, and E4, the following applies.

If the total of daily demand charges for the month is less than the monthly generation reservation fee, then the daily demand charges will be waived for that month.

If the total of daily demand charges for the month is greater than the monthly generation reservation fee, then the generation reservation fee will be waived for that month.

If the total of daily demand charges for the month is greater than the D6 on-peak billing demand charge times the standby contract capacity plus the difference between the product of the D6 maximum demand charge times the standby contract capacity and the standby distribution charges, then the customer will pay the D6 on-peak billing demand charge times the standby contract capacity plus the above difference. For customers on supplemental rate schedule D4, the above difference will be set to zero.

Waivers and limits for energy-only rates:

For customers served on supplemental rates schedules D3, D3.3, and E5, the following applies.

If the total of daily demand charges for the month is less than the monthly generation reservation fee, then the daily demand charges will be waived for that month.

If the total of daily demand charges for the month is greater than the monthly generation reservation fee, then the daily demand charges will be waived for that month provided that the supplemental rate continues as an energy-only rate. If not, then paragraphs (6)(b) and (6)(c) above will apply.

(Continued on Sheet No. R3d)

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
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IN CASE NO. U-14838

(Continued From Sheet No. R3c)

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

Delivery Charges:

Service Charge:

\$210.00 per customer per month for customers served at primary voltages and above.

\$ 70.00 per customer per month for customers served at secondary voltages.

Distribution Charge:

Distribution charges will be as follows. For standby contract capacity set according to paragraph (d) of the "Standby Contract Capacity" section above, the charge for all months will be based on the standby contract capacity specified for June through October.

\$2.37 per kW at transmission voltage applied to the standby contract capacity **and (0.005)¢ per kWh for all energy delivered.**

\$2.77 per kW at subtransmission voltage applied to the standby contract capacity **and (0.005)¢ per kWh for all energy delivered.**

\$4.77 per kW at primary voltage applied to the standby contract capacity **and (0.005)¢ per kWh for all energy delivered.**

\$6.05 per kW of secondary standby energy delivered and (0.005)¢ per kWh for all energy delivered.

Substation Credit: Available to customers served at subtransmission voltage level (24 to 41.6 kW) or higher who provide the on-site substation including all necessary transforming, controlling, and protective equipment. A credit of \$.30 per kW shall be applied to the non-generation charge per kW of standby capacity.

MAINTENANCE PERIODS: A customer may specify, subject to conditions below set by the Company, up to 20 on-peak days during a year as maintenance days. In addition, the day after Thanksgiving and on-peak days occurring during the period from December 24 through January 1 plus contiguous recognized legal holidays may be scheduled as maintenance days subject to conditions below excluding (d). A maintenance day is a calendar 24-hour day.

Conditions:

- (a) The customer must request maintenance days in writing.
- (b) The Company must receive the request at least 45 days before the first requested maintenance day.
- (c) Requests will be honored according to the date received.
- (d) Requests may be refused by the Company if they conflict with the Company's own schedule of maintenance and expected demands. The Company will offer alternative maintenance days.
- (e) After the Company and the customer have agreed upon maintenance days, if there is a substantial change in circumstances which make the agreed upon schedule impractical for either party, the other party upon request shall make reasonable efforts to adjust the schedule in a manner that is mutually agreeable.

(Continued on Sheet No. R3e)

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DETROIT, MICHIGAN

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AFTER _____
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IN CASE NO. U-14838

Standard Contract Rider No. 7

Greenhouse Lighting Service

APPLICABLE TO: General Service Rate
Large General Service Rate

Schedule Designation D3
Schedule Designation D4

Available on an optional basis to customers desiring high intensity discharge lighting service for greenhouses or other environmentally controlled growing facilities as a daylight supplement. All lighting on this rider shall be separately metered. The customer will furnish, install, own, and maintain all equipment comprising the lighting system. No other device may be connected to this circuit except for controls, lighting and associated equipment.

HOURS OF SERVICE: Dusk to dawn service for circuits controlled by photo-sensitive or clock timing devices.

CURRENT, PHASE AND VOLTAGE: Alternating current, 60 hertz, single phase, nominally at 120/240 volts, three-wire; or three-phase, four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase, four-wire, Y connected at 480Y/277 volts.

RATE PER MONTH:

Full Service Customers:

Power Supply Charge:
Energy Charge: 2.887¢ per kWh for all kWh

Delivery Charges:
Service Charge: \$1.95 per month
Distribution Charge: 2.412¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:
Service Charge: \$1.95 per month
Distribution Charge: 2.412¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

BILLING: Billing will be on a monthly basis.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months, terminable on three days' written notice after the initial 12 months by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue obtainable therefrom, the term will be as specified in the applicable rider.

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DETROIT, MICHIGAN

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IN CASE NO. U-14838

Standard Contract Rider No. 8

Commercial Space Heating

APPLICABLE TO:

General Service Rate
Large General Service Rate

Schedule Designation D3
Schedule Designation D4

Available on an optional basis to customers desiring service for commercial space conditioning furnished through separately metered circuits to which no other device except electric space heating, water heating, air conditioning, or humidity control equipment may be connected and provided that all of the space heating must be either total electric or an electric heat pump supplemented by a fossil fuel furnace installed on a permanent basis. The customer must provide special circuits, the design and method of installation of which are approved by the Company as adapted to this service.

Electric space heating under the terms of this rider will be considered to include heating by light systems, provided the primary means of space heating at the time of maximum requirements will be furnished by the lighting system, with the balance furnished by supplementary electric heating equipment. After June 15, 1970, under the authority of the Michigan Public Service Commission in Case U-3189, service to facilities which heat by lighting is not available for premises not previously qualified for service hereunder.

RATE PER MONTH:

Full Service Customers:

Power Supply Charge:

Energy Charge:

6.315¢ per kWh for all kWh, except that during the billing months of November through May, usage in excess of 1,000 kWh per month shall be billed at **4.114¢** per kWh.

Delivery Charges:

Service Charge:

\$8.78 per month

Distribution Charge:

3.745¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge:

\$8.78 per month

Distribution Charge:

3.745¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

(Continued on Sheet No. R8a)

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____

UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
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IN CASE NO. U-14838

(Continued From Sheet No. R8)

Standard Contract Rider No. 8 (Continued)

Commercial Space Heating

CONTRACT TERM: This rate is made effective by a rider modifying the contract form prescribed for one of the applicable filed rates listed above. The contract term is co-extensive with the contract term of the applicable filed rate under which service is being taken.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

OPTIONAL PROVISION FOR CERTAIN COMMON AREA ACCOUNTS: Electric heating and common area usage of apartment or condominium accounts supplied through a single meter and billed under the terms of the Domestic Space Heating Rate D2 prior to September 28, 1978 may be billed under this provision without the necessity of separate metering if an initial block of kilowatthours is billed at the current General Service Rate D3. This initial block of kilowatthours will be calculated each November by averaging the usage during the previous billing months of June through October.

Full Service Customers:

Usage in excess of the initial block of kilowatthours per month shall be billed at a power supply charge of **6.315¢** per kilowatthour during the billing months of June through October and **4.114¢** per kilowatthour during the billing months of November through May. A Distribution charge of **3.745¢** per kWh for all kWh shall also be applied. The only service charge to be billed to a customer utilizing this provision will be the D3 service charge.

Retail Access Service Customers:

Usage in excess of the initial block of kilowatthours per month shall be billed a distribution charge of 2.914¢ per kWh for all kWh.

SUPPLEMENTAL SPACE HEATING PROVISION: This provision is available to customers taking service under the General Service Rate D3 or the Large General Service Rate D4 who purchase energy for a minimum of 10 kW of supplemental, permanently installed, electric space heating equipment. To qualify for this provision, a customer must certify in writing the amount of permanently installed space heating equipment, subject to inspection at the option of the Company, and have the said equipment on separately metered circuits to which no other device is connected. Rule B-2.12, Insulation Standards for Electric Heating, will not apply to this provision.

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M. E. CHAMPLEY
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DETROIT, MICHIGAN

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IN CASE NO. U-14838

Standard Contract Rider No. 10

Interruptible Supply Rider

AVAILABILITY OF SERVICE: Available to Primary Supply Rate (D6) and Alternative Primary Supply Rate (D6.1) and Transitional Primary Supply Rate (D7) customers desiring interruptible service for a total of not less than 50,000 kilowatts of contracted interruptible service at a single location. The total contracted interruptible capacity on this tariff is limited to 400,000 kilowatts. This rider is effective for service rendered on and after January 1, 1993.

The contracted interruptible capacity limit on this tariff shall be increased to 525,000 kilowatts in 1994 and 650,000 kilowatts in 1995. The increase shall apply to customers desiring interruptible service for a total of not less than 5,000 kilowatts of contracted interruptible service at a single location.

In the event the total contracted interruptible capacity is less than the approved limit specified above, the Company may offer the remaining capacity, to otherwise eligible customers willing to contract for less than the minimum contract capacity amounts specified above.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company. For definition of customer voltage level, see Schedule Designation B-4.7.

CONDITIONS OF INTERRUPTION: The Company will notify the customer as to the amount of total load on this rider to be curtailed. This notification will be stated as a percentage of total load being supplied on this rider for the hour immediately preceding notification of interruption and will be the same percentage for all customers. Although actual load at time of interruption may vary from contract capacity, the total measured load on this rider shall be subject to curtailment by the Company.

The customer shall be provided, whenever possible, notice in advance (generally 1 hour) of probable interruption and the estimated duration of the interruption. The Company reserves the right to provide less than 1 hour's notice but not less than 10 minutes, if in the Company's sole determination such interruption is either desirable or necessary. Interruptions will be those necessary to maintain system integrity. Interruptions will be in accordance with procedures set forth in the Emergency Electrical Procedures Rule B-3.7.

If the customer fails to curtail load as requested, the Company reserves the right to interrupt the customer's total separately metered load on this rider, or total plant if not separately metered, and the customer will be billed at the rate of **\$10** per kW per instance applied to contract capacity.

In addition, the interruptible contract capacity of a customer who does not interrupt shall be immediately reduced by the amount by which the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet the customers' maximum interruptible requirements, but not less than the minimum contract capacity amounts, specified above. Demand/Energy in excess of the contracted load level will be billed under the applicable Primary Supply Rate. The contract capacity shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load. Capacity disconnected from service under this rider shall not be subsequently served under any other tariff during the term of this contract and subsequent renewal periods.

(Continued on Sheet No. R10a)

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DETROIT, MICHIGAN

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IN CASE NO. U-14838

(Continued From Sheet No. R10a)

Standard Contract Rider No. 10 (Continued)

Interruptible Supply Rider

Monthly Capacity Charge: The monthly capacity charge for fixed purchased power costs associated with power purchased for capacity deficiency reasons will be determined as follows:

When power is purchased to meet a capacity deficiency and that purchase is identified as serving R10 load, the fixed purchase costs associated with the power transaction shall be borne by R10 customers. The amount of the fixed purchased costs, including any minimum purchase costs, charged to each R10 customer shall be determined by multiplying the fixed purchase costs, expressed in \$/MW, by the greater of either the scheduled R10 load (MW) or the actual load (MW) for each customer for the period during which the power was purchased to serve R10 load.

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24kV) **\$3.44** per kW of maximum demand

For service at subtransmission voltage (24 to 41.6 kV) **\$2.28** per kW of maximum demand

For service at transmission voltage (120 kV and above) **\$1.46** per kW of maximum demand.

Substation Credit: Available to customers where service at subtransmission voltage level or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See schedule designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24kV) **\$3.44** per kW of maximum demand

For service at subtransmission voltage (24 to 41.6 kV) **\$2.28** per kW of maximum demand

For service at transmission voltage (120 kV and above) **\$1.46** per kW of maximum demand.

Substation Credit: Available to customers where service at subtransmission voltage level or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See schedule designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge plus the Maximum Demand Charge, plus all applicable energy charges.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of the contract capacity. This clause is applicable to each voltage level served.

(Continued on Sheet No. R10c)

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
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IN CASE NO. U-14838

(Continued From Sheet No. R10b)

Standard Contract Rider No. 10 (Continued)

Interruptible Supply Rider

POWER FACTOR CLAUSE: Shall be the Power Factor Clause as defined in the Primary Supply Rate (D6).

SPECIAL TERMS AND CONDITIONS: Customer-owned equipment must be operated so the voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

The customer will own and maintain the necessary equipment to separate the interruptible load from the firm power load. This equipment must meet the Company standards. The customer must also provide space for the separate metering of the interruptible load.

The interruptible load shall not be served from firm power circuits at any time. Violations of this provision will result in a charge of \$50 per kilowatt per month applied to the interruptible load determined to have been served from firm power circuits.

In order to implement Company initiated interruptions, the Company shall install and maintain, at the customer's expense, any equipment necessary to permit the Company to control interruptions of the customer's load and any facilities necessary to transmit and receive information regarding hourly energy costs and real-time monitoring of the customer's load. The Company will conduct at least once a year a physical test of this equipment to verify that it is functioning properly. The customer is also required to provide the Company with an hourly schedule of expected customer loads. These hourly schedules will be delivered to the Company weekly and no later than Thursday for estimates for the following week.

Electric energy from any source, other than the Company's, will be used to first reduce sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No.3, No.5, or No.6.

EMERGENCY GENERATOR BACK-UP OPTION: *This option is available to Full-Service customers with on-site emergency generation.*

In the event of an unexpected failure of the customer's on-site emergency generation during a Company initiated interruption, the customer may utilize a contract with a third-party supplier for back-up power. This option is only available when the customer's on-site emergency generation outage lasts more than 24 hours and the customer makes all reasonable efforts to return the generator to operational status. The customer is responsible for all costs associated with this transaction.

Under this option, the source of the back-up power supply must be approved by the Company and must meet all applicable MISO requirements. If for any reason, the back-up power supply is deemed by the Company as not delivered, the customer shall be subject to the Rider No. 10 interruption penalty.

CONTRACT TERM: The contract term is 8 years, extending thereafter from month-to-month until terminated by 5 years written notice by either party, which may be given at any time after the third year of the contract. Once notice of termination is given by the customer, such notice cannot be withdrawn without full permission of the Company. For the first year of service under this rider, the customer shall have the right to terminate the contract and return to service under the Company's rates for firm service by paying an amount equal to the D6 on-peak billing demand charge times the contract capacity for the number of months served under this rider.

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IN CASE NO. U-14838

(Continued From **Sheet No. E1**)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option I: Company Owned Street Lighting System

Where new installations require an investment in excess of an investment allowance, Option I is available only to customers who make a contribution in aid of construction equal to the amount by which the investment ** exceeds three times the annual revenue at the prevailing rate at the time of installation.

As an alternative, where the required contribution exceeds \$10,000, upon agreement of the customer and the Company, the customer will pay an additional annual charge of 12% times the contribution amount in lieu of the cash contribution.

RATES: All-night service.
(Overhead Street Lighting Service)

<u>Nominal Lamp Size</u>	<u>Type of Service</u>	<u>Charge per Lamp per Year</u>
100 Watt*	Mercury Vapor	\$117.48
175 Watt	Mercury Vapor	\$151.68
250 Watt*	Mercury Vapor	\$171.24
400 Watt	Mercury Vapor	\$228.72
1,000 Watt	Mercury Vapor	\$409.80
70 Watt	High Pressure Sodium	\$166.32
100 Watt	High Pressure Sodium	\$174.96
250 Watt	High Pressure Sodium	\$223.80
360 or 400 Watt	High Pressure Sodium	\$291.00
1,000 Watt	High Pressure Sodium	\$497.76

Multiple Lamps on a Single Pole

For each additional luminaire added to the same pole,
reduce rate per lamp per year on the added luminaire-\$12.24.

DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 60% of the regular yearly rates. A \$15.00 charge per luminaire will be made at the time of reconnection.

DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.06¢ per nominal lamp size wattage per month will be applied. One control per circuit will be provided.

*Not available for new business.

** Effective January 1, 1991, the investment amount will be limited to direct cost.
Effective January 1, 1992, the investment amount will include full cost.

(Continued on **Sheet No. E1b**)

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DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. E1a)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option I: Company Owned Street Lighting System (Continued)

Ornamental Underground Street Lighting Service
(Lamp Spacing up to 120 Feet of Street)

RATES: All-night service.

<u>Nominal Lamp Size</u>	<u>Type of Service</u>	<u>Charge per Lamp per Year</u>
100 Watt*	Mercury Vapor	\$265.32
175 Watt	Mercury Vapor	\$302.16
250 Watt*	Mercury Vapor	\$331.44
400 Watt	Mercury Vapor	\$393.84
1,000 Watt	Mercury Vapor	\$550.44
70 Watt	High Pressure Sodium	\$276.36
100 Watt	High Pressure Sodium	\$284.88
250 Watt	High Pressure Sodium	\$363.24
360 or 400 Watt	High Pressure Sodium	\$446.40
1,000 Watt	High Pressure Sodium	\$572.52

For lamp spacing over 120 feet up to 325 feet on the same side of street, add to rate per lamp
per year\$24.48

For Semi-Ornamental Systems which employ Ornamental Post Units served from overhead conductors, where such
construction is practical, reduce rate per lamp per year\$21.48

Multiple Lamps on a Single Pole

For additional luminaire added to the same pole, reduce rate per lamp per year on the added luminaire
Ornamental.....\$97.92
Ornamental-Lamp spacing over 120 feet.....\$122.40

Semi-Ornamental.....\$76.56

*Not available for new business.

(Continued on Sheet No. E1c)

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(Continued From Sheet No. E1b)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option I: Company Owned Street Lighting System (Continued)

DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 60% of the regular yearly rates. A \$15.00 charge per luminaire will be made at the time of reconnection.

DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.06¢ per nominal lamp size wattage per month will be applied. One control per circuit will be provided.

OPTION II: Street Equipment Owned by Municipality

RATES: All-night service.

<u>Nominal Lamp Size</u>	<u>Type of Service</u>	<u>Charge per Lamp per Year</u>
175 Watt	Mercury Vapor	\$101.52
250 Watt*	Mercury Vapor	\$129.72
400 Watt	Mercury Vapor	\$157.80
1,000 Watt	Mercury Vapor	\$271.56
70 Watt	High Pressure Sodium	\$83.28
100 Watt	High Pressure Sodium	\$90.48
250 Watt	High Pressure Sodium	\$134.52
360 or 400 Watt	High Pressure Sodium	\$194.52
1,000 Watt	High Pressure Sodium	\$348.60

*Not available for new business.

DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 10% of the above yearly rates. A \$15.00 charge per luminaire will be made at the time of reconnection.

DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.06¢ per nominal watt per month will be applied. One control per circuit will be provided.

OPTION III: Municipally Owned and Maintained Street Lighting System (Unmetered)

RATES: Where the municipality owns, operates, cleans and renews the lamps, and the Company's service is confined solely to the supply of electricity from dusk to dawn, the monthly charge of said service shall be 2.67 cents per nominal connected watt per month of lamps so served. If it is necessary for the Company to install facilities to provide service for the lamps, the customer will reimburse the Company for these costs. Contract Rider No. 2 charges will also apply.

(Continued on Sheet No. E1.1)

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(Continued From Sheet No. E1c)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option III: Municipally Owned and Maintained Street Lighting System (Controlled/Metered)

AVAILABILITY OF SERVICE: Available to governmental agencies desiring controlled nighttime service for primary or secondary voltage energy-only street lighting service where the Company has existing distribution lines available for supplying energy for such service. Luminaires served under any of the Company's other street lighting rates shall not be intermixed with luminaires serviced under this street lighting rate. This rate is not available for resale purposes. Service is governed by the Company's Standard Rules and Regulations.

HOURS OF SERVICE: For circuits controlled by automatic timing devices, one-half hour after sunset until one-half hour before sunrise. For circuits controlled by photo-sensitive devices, the streetlights burn whenever the general level of illumination is less than approximately 3/4 footcandle. For dusk to midnight service, luminaires shall be controlled to turn off at approximately twelve o'clock midnight.

KIND OF SERVICE:

Secondary Voltage Service: Alternating current, 60 hertz, single-phase 120/240 nominal volt service for a minimum of ten luminaires located within a clearly defined area. Except for control equipment, the customer will furnish, install, own and maintain all equipment comprising the street lighting system up to the point of attachment with the Company's distribution system. The Company will connect the customer's equipment to the Company's lines and supply the energy for operation. All of the customer's equipment will be subject to the Company's review.

Primary Voltage Service: Alternating current, 60 hertz, single-phase or three-phase, primary voltage service for actual demands of not less than 100 kW at each point of delivery. The particular nature of the voltage shall be determined by the Company. The customer will furnish, install, own and maintain all equipment comprising the street lighting system, including control equipment, up to the point of attachment with the Company's distribution system. The Company will supply the energy for operation of the customer's street lighting system.

MONTHLY RATE:

Secondary Energy:

Full Service Customers:

Power Supply Charge:

2.740¢ per kWh for all kWh

Delivery System Charge:

2.337¢ per kWh based on the capacity requirements in kilowatts of the equipment assuming 4,200 burning hours per year, adjusted by the ratio of the monthly kWh consumption to the total annual kWh consumption.

(Continued on Sheet No. E1.1a)

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(Continued From Sheet No. E1.1)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Retail Access Service Customers:

Delivery System Charge:

2.337¢ per kWh based on the capacity requirements in kilowatts of the equipment assuming 4,200 burning hours per year, adjusted by the ratio of the monthly kWh consumption and the total annual kWh consumption.

At the Company's option, service may be metered and the metered kWh will be the basis for billing. Capacity requirements of lighting equipment shall be determined by the Company from manufacturer specifications, but the Company maintains the right to test such capacity requirements from time to time. In the event that Company tests show capacity requirements other than those indicated in manufacturer specifications, the capacity requirements indicated by Company tests will be used. The customer shall not change the capacity requirements of its equipment without first notifying the Company in writing.

Option III: Municipally Owned and Maintained Street Lighting System (Controlled/Metered)

For dusk to midnight service, the monthly Power Supply Charge per kWh shall be **4.127¢** per kWh and the Delivery System Charge shall be **2.337¢** per kWh for secondary service.

PRIMARY ENERGY CHARGE: **4.292¢** per kWh as metered.

BILLING: Billing will be on a monthly basis.

SURCHARGES AND CREDITS: As approved by the Commission. Power Supply Charges are subject to Schedule Designation B4.8. Delivery Charges are subject to Schedule Designation B4.9

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The contract minimum.

CONTRACT TERM: Contracts will be taken for a minimum of two years, extending thereafter from year to year until terminated by mutual consent or upon 12 months' written notice by either party.

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Rate Schedule No. E2

Traffic and Signal Lights

AVAILABILITY OF SERVICE: Available to municipalities or other public authorities, hereinafter referred to as customer, operating lights for traffic regulation or signal lights on streets, highways, airports or water routes, as distinguished from street lighting.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, at 120 volts two-wire.

SERVICE CONNECTIONS: The customer is to furnish and maintain all necessary wiring and equipment, including lamps and lamp replacements, or reimburse the Company therefore, except that the Company will furnish, install and maintain such span poles and messenger cable as may be needed to support the traffic or signal lights of the overhead type. Connections are to be brought to the Company's underground and overhead lighting mains by the customer as directed by the Company, and the final connection to the Company's main is to be made by the Company.

Conversion and/or relocation of existing facilities must be paid for by the customer, except when initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

RATES: ~~3.35¢~~ per month per watt of the total connected traffic light or signal light load in service for each customer.

Total connected wattage will be reckoned as of the fifteenth of the month. Lamps removed from service before the fifteenth or placed in service on or after the fifteenth will be omitted from the reckoning; conversely, lamps placed in service on or before the fifteenth of the month or removed from service after the fifteenth of the month will be reckoned for a full month. Lamps operated cyclically, on and off, will be reckoned at one-half wattage and billed for a full month. No such reduction of reckoned wattage will be allowed for lamps in service but turned off during certain hours of the day.

The Company may, at its option, install meters and apply a standard metered rate schedule applicable to the service.

SURCHARGES AND CREDITS: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: \$3.00 per customer per month.

CONTRACT TERM: Open order on a month-to-month basis. However, the Company shall not withdraw service, and the customer shall not substitute another source of service in whole or in part, without twelve months' written notice to the other party.

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Rate Schedule No. E5

Secondary Pumping Rate

AVAILABILITY OF SERVICE: Available to governmental agencies desiring service at secondary voltage for pumping and to governmental agencies with service at primary voltage having the storm pumping horsepower that is at least 60% of the total connected load. This rate is not available to installations, other than storm pumping, having a demand of over 1,000 kilowatts and not taking service on this rate prior to August 19, 1972.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase and three-phase four-wire Y connected at 208Y/120 volts, or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charge:
Energy Charge: 5.525¢ per kWh for all kWh

Delivery Charges:
Service Charge: \$10.85 per month
Distribution Charge: 3.336¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:
Service Charge: \$10.85 per month
Distribution Charge: 3.336¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

CONTRACT TERM: Open order, terminable on three days' written notice by either party.

MINIMUM CHARGE: The Service Charge.

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RETAIL ACCESS SERVICE RIDER

1. INTRODUCTION

This Rider is designed to express the terms and conditions associated with retail access service in the Detroit Edison Electric Choice Program, as well as provide information regarding the roles of the various market participants. This Rider includes the following sections:

Introduction and Definitions	Sec. 1
Customers	Sec. 2 - 10
Alternative Electric Suppliers	Sec. 11 - 18
Marketers	Sec. 19 - 21

- In the Detroit Edison Electric Choice Program, Detroit Edison will maintain a relationship and interact with at least three separate participants: The Customer, the Alternative Electric Supplier and the Marketer. One entity may be responsible for both the Alternative Electric Supplier and Marketer roles. Detroit Edison has separately defined the retail and wholesale functions behind electric supply in a competitive environment.

1.1 Availability

Available for metered service in conjunction with Rate Schedule Nos. D1 through E5, inclusive, when the customer wishes to take power supply service from an Alternative Electric Supplier. This Rider is not available for unmetered service.

1.2 The Customer Role

The Customer is the end-user of Power at one or more locations in the State of Michigan who has facilities connected to the Detroit Edison distribution system. Under retail access service, the Customer will conduct transactions with at least two entities - Detroit Edison and an Alternative Electric Supplier. The Customer is responsible for choosing an Alternative Electric Supplier.

Detroit Edison's principal requirement is that the Customer must already be connected to the Detroit Edison Distribution System as a Full Service Customer or meet the requirements for new Customers connecting to the Detroit Edison Distribution System. All Primary Customers and Secondary Customers with Customer Service Capacities greater than 300 kW must execute Customer Distribution Agreements with Detroit Edison.

1.3 The Alternative Electric Supplier Role

An Alternative Electric Supplier is an entity that has obtained all the necessary legal approvals to sell retail electricity in Michigan.

The Alternative Electric Supplier buys products and services needed to provide power to Customers, combines these products and services in different marketing packages, and sells the packages to Customers. Alternative Electric Suppliers must meet all applicable statutory and regulatory requirements of Michigan and Federal law.

(Continued on Sheet No. EC2a)

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(Continued From Sheet No. EC2)

1. INTRODUCTION (Continued)

1.4 The Marketer Role

The Marketer is an entity that acts as a wholesale supplier; takes title to power and has FERC authorization to market energy services. FERC authorization allows the Marketer to use transmission systems to move power from the generator(s) to the distribution system. The Marketer is either a FERC-authorized power Marketer or a utility. As defined by FERC, in the context of this Rider, the Marketer is responsible for all Transmission-related responsibilities related to serving the retail access customers served by its supply. These include: scheduling energy, obtaining ancillary services, and paying energy imbalance charges. The Alternative Electric Supplier and Marketer functions may be handled by one entity or may be performed by different parties. Either way, both the Alternative Electric Supplier role and the Marketer role must be performed to complete delivery to a Customer.

1.5. Definitions

"Aggregator" means an entity that combines the energy consumption of multiple Customers for the purpose of meeting minimum load criteria necessary for retail access service.

"Alternative Electric Supplier" (AES) means an entity that has obtained all the necessary approvals to sell retail electricity in Michigan, and is licensed by the Michigan Public Service Commission. An AES does not physically deliver electricity directly to retail Customers in the state.

"Commission" means the Michigan Public Service Commission.

"Customer" means, for purposes of retail access service, an entity with electrical load facilities connected to the Detroit Edison Distribution System that purchases or receives Power from an Alternative Electric Supplier and which Power is delivered to its Location(s) pursuant to this Rider. All Customers, regardless of the voltage level of the service, are considered to be connected to the Detroit Edison Distribution System.

"Customer Service Capacity" means the load carrying capability of the Detroit Edison metering installation at the Customer's site, based on the thermal limits of the meter and any associated transformers.

"Demand" means the amount of power required to meet the Customer's load, generally expressed in kilowatts or megawatts, at a given instant or averaged over a designated interval of time.

"Demand Conversion Table" means a table that converts average kWh consumption to demand in kW, for a specific type or group of Customers. These tables will be used to determine the amount of limited phase-in capacity allocated to Customers without prior demand history as defined in Section 33.3.

"Detroit Edison's Distribution System" means facilities operated by Detroit Edison for the purpose of distributing electric power within Detroit Edison's electric service territory, which are subject to the jurisdiction of the Commission.

"Distribution Contract Capacity" means the load carrying capacity in kilowatts of the Detroit Edison Distribution System necessary to meet a Customer's maximum load requirements at a particular Location served under this Rider.

(Continued on Sheet No. EC2b)

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(Continued From Sheet No. EC2a)

1. INTRODUCTION (Continued)

"Distribution Point of Delivery" means the point of interconnection between the Detroit Edison Distribution System and the Customer's service location.

"Distribution Point of Receipt" means the point of interconnection between the ITC Transmission and Detroit Edison Distribution Systems.

"Effective Date" is the date at which responsibility for servicing a Customer Load transfers from the current supplier to the new supplier. The transfer occurs at the beginning (00:01 hours) of the Effective Date.

"Energy" in the context of this document the word energy refers to "electrical energy" and is measured in kilowatt-hours.

"Energy Meter" means a meter capable of measuring and recording energy on a kWh basis.

"Full Service" means the provision of regulated electric service including energy, transmission and distribution services; each provided by Detroit Edison.

"International Transmission Company (ITC) Transmission System" means facilities operated by ITC for the purpose of transmitting electric power within the Detroit Edison electric service territory which are subject to the jurisdiction of the Federal Energy Regulatory Commission.

"Interval Demand Meter" means a meter capable of measuring and recording kW demands and kVAR demands on a 30-minute integrated basis, as needed to bill the Customer and measuring energy on a kWh basis.

"Joint Open Access Transmission Tariff (JOATT)" means the ITC and Consumers Energy Open Access Transmission Tariff on file with the Federal Energy Regulatory Commission, as amended from time to time. The Tariff applies to transactions where energy flows through both the ITC and Consumers Energy Transmission Systems.

"Load" means any end-use device drawing energy from the electric system.

"Location" means each Customer facility whether owned or leased.

"Marketer" means an entity that:

- (i) generates, brokers, markets or otherwise procures power to be supplied to ITC at the Transmission Point of Receipt, obtains transmission services and with whom a Customer's Alternative Electric Supplier has arranged for the receipt of Power,
- (ii) satisfies all applicable statutory and regulatory requirements of Michigan and Federal law, and
- (iii) satisfies all applicable reciprocity requirements set forth in this Rider.

"MDMA" or "Meter Data Management Agent" is the party responsible for reporting a Marketer's aggregated customer loads, with distribution losses, to MISO to support settlement in the MISO hourly energy market.

"MISO" means the Midwest Independent System Operator

(Continued on Sheet No. EC2c)

(Continued From Sheet No. EC2b)

1. INTRODUCTION (Continued)

"Power" means a combination of the electric demand and energy requirements of the Customer.

"Reactive Demand" means the amount of reactive power required to meet the Customer's Load, generally expressed in kilovolt-amperes reactive (kVAR), at a given instant or averaged over a designated interval of time.

"Sink" means a unique four-character code assigned to a Marketer's Transmission Service Agreement by ITC which identifies a load.

"Transition Charge" is a surcharge for the recovery of costs associated with the implementation of retail access service and Detroit Edison's stranded costs arising from implementation of retail access service.

"Transmission Point of Delivery" means the point of interconnection between the ITC Transmission and Detroit Edison Distribution Systems.

"Transmission Point of Receipt" means the point on the ITC Transmission System where Power is received by ITC for delivery to the Transmission Point of Delivery.

CUSTOMER SECTION

2. TERMS AND CONDITIONS OF SERVICE

- 2.1** This Retail Access Service Rider sets forth the terms and conditions of service for the delivery of Power to a Customer, procured by an Alternative Electric Supplier and supplied by a Marketer. Such Power shall be initially received at a designated Transmission Point of Receipt and ultimately delivered to the Customer through the Detroit Edison Distribution System. ***This Rider also sets forth the rates and charges for services unique to customers taking Retail Access Service.***
- 2.2** Power received by ITC for delivery to the Customer shall be transmitted across the ITC Transmission System to the Detroit Edison Distribution System in accordance with the rates, terms and conditions of service of the ITC Open Access Transmission Tariff.
- 2.3** A Customer's eligibility to take retail access service is subject to the full satisfaction of any terms or conditions imposed by pre-existing contracts or tariffs with Detroit Edison. Rider No. 2 agreements between the Customer and Detroit Edison will remain in effect during service under this Rider. Rider No. 4 - "Resale of Service" is also available under this Rider.

(Continued on Sheet No. EC2d)

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(Continued From Sheet No. EC2c)

2. TERMS AND CONDITIONS OF SERVICE (Continued)

- 2.4 A Customer will specify only one Alternative Electric Supplier (and the Alternative Electric Supplier shall specify only one Marketer) at any given time for the supply of Power to each Customer account or Customer Location.
- 2.5 Detroit Edison shall be required to complete all retail access enrollment activities required to place a Customer in "site-ready" status within the following timeframes:
- a. Within 10 calendar days when no meter work is required for the Customer to take retail access service
 - b. Within 45 days when meter work is required

These deadlines do not require that Customers actually commence service within the specified timeframes; only that Detroit Edison has completed all activities required of it to place the Customer in "site-ready" status.

Customers shall be permitted to change Alternative Electric Suppliers. The changes will become effective at the completion of their normal billing cycle. Customers will be assessed a \$5 processing charge per account for each change. The change will be submitted to Detroit Edison electronically by the Customer's new Alternative Electric Supplier as a new enrollment.

2.6 Multiple Meters at Non-Residential Locations

- 2.6.1 Existing groupings of multiple meters into accounts at a location will be maintained in setting up new retail access accounts.
- 2.6.2 When multiple Interval Demand Meters are used within a single voltage level, Maximum Demand at that voltage level will be established by the highest coincident demand recorded for those meters.

2.7 Multiple Meters at Residential Locations

- 2.7.1 *Existing groupings of multiple meters into accounts at a location will be maintained in setting up new retail access accounts.*

(Continued on Sheet No. EC2e)

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(Continued From Sheet No. EC2d)

2. TERMS AND CONDITIONS OF SERVICE (Continued)

2.8 Metering

- 2.8.1 All load served under this Rider shall be metered. The meter type shall be that which is appropriate to meter the customer's Power Supply requirements under the otherwise applicable rate schedule.
- 2.8.2 *Non-Residential Secondary customers may elect to have interval metering installed, at their expense, in the place of standard demand/energy metering, and to have the interval metered data used for wholesale settlement in lieu of profiled data as provided for in Section 21.*
- a. *Detroit Edison shall install the requested interval meter within 45 days of receiving the customer's request*
 - b. *The customer must provide working telephony to the meter and Detroit Edison must be able to verify electronic communication with the meter prior to the customer taking service as an interval-metered customer.*
 - c. *The minimum term for this interval-metered service is one year.*
- 2.8.3 Metering equipment for Customers taking retail access service shall be furnished, installed, read, maintained and owned by Detroit Edison.

2.9 Meter Reading

- 2.9.1 All Customers with Interval Demand Meters shall have meter reading accomplished electronically through Customer-provided telecommunication links or other electronic data methods able to provide Detroit Edison the metering data necessary to bill the customer and conform to required metering accuracy. The Alternative Electric Supplier shall have direct access to meter data through the same means as Detroit Edison, once the Customer is enrolled, without any further documentation or permission from the Customer.

The Company shall commence *interval-metered* retail choice service upon installation of appropriate demand meters *and verification of successful electronic communication with Detroit Edison's data collection system. If a Customer is not able to allow sharing of the telephone line, the Customer shall obtain a separate telephone line for such purposes and pay all charges in connection therewith.*

Interval-metered customers with locations where the installation of land-line telephony is impractical may request Detroit Edison to install optional digital cellular telephony to the meter. Detroit Edison will furnish, own, install, activate, and maintain the digital cellular device for a monthly charge of \$45.00 to the customer. The minimum term for this optional service is one year. The customer is responsible for all charges from the cellular provider.

- 2.9.2 The Customer is responsible for assuring the performance of the telephone line. If the telephone line used for metering is out of service, Detroit Edison will retrieve the data manually for a fee of \$37/ month (one reading) *after the first manual read.*

In the event that the telephone line service *at a Primary customer location* is out for three consecutive months, the Customer's retail access service may be terminated and the Customer may be transferred to service under Detroit Edison's full requirement tariffs subject to the provisions of **Section 5.3.**

(Continued on Sheet No. EC2f)

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(Continued From Sheet No. EC2e)

2. TERMS AND CONDITIONS OF SERVICE (Continued)

In the event that the telephone line service at a Secondary customer location with optional interval-metered service is out for three consecutive months, Detroit Edison may switch the customer to load-profiled Retail Access service. Customers so switched will be ineligible for the optional interval-metered service for a period of 12 months.

2.9.3 *A hardship exception may be made for cases where installation of both land-line and cellular telephony is impractical. The burden of proving hardship rests on the customer. Detroit Edison will not unreasonably withhold the granting of such exception and a customer may appeal Detroit Edison's decision to the MPSC. Customers who are granted the exception will have their interval meters read manually, once per month, at the time of Detroit Edison's billing, at an additional monthly cost of \$37.00/month.*

2.9.4 *For load-profiled customers, meters will be read by conventional means and the Customer will not be required to provide a telephone service.*

2.9.5 The switch of a Customer's account from one supplier to another will normally take place on the scheduled meter reading date for that Customer (the Effective Date) and be based on the reading made that same day. If an actual meter reading is not made on the Effective Date, Detroit Edison will read the meter within five (5) business days of the date in which Detroit Edison determines that the scheduled actual meter reading has not occurred. The meter reading on the Effective Date will be determined on a pro rated basis based on the actual meter reading. Detroit Edison's failure to read meters in the time frames noted, through no fault of the Customer, shall not result in penalties of any type to the Customer. Except for actions outside the scope of Detroit Edison's control and storms or other events or occurrences that render the reading of meters physically impossible, customer's bills for Detroit Edison distribution services will be reduced by 1/30 for each day Detroit Edison meter reads are late past a three day grace period.

2.10 Meter Errors and Telephone Failures

Billing where metering errors and malfunctions have taken place shall be performed as follows:

2.10.1 For Energy and non-Interval Demand Metered Customers where metered data is not available due to metering errors, malfunctions, or otherwise, the usage will be estimated using the procedure described in the billing rule B-4.2 (2) Estimated Billing.

2.10.2 For Interval Demand Metered Customers where metered data is not available due to metering errors, malfunctions, or otherwise, the usage will be estimated using the available historical data for the Customer.

2.10.3 Where incorrect billing results from calculation error discovered by either Detroit Edison, the Alternative Electric Supplier, or the Customer, the error will be corrected and revised bills for the Customer and the Alternative Electric Supplier will be calculated and settled on the next billing period after the error is discovered. Billing errors discovered by Detroit Edison shall be adjusted as provided for in the Residential, Commercial, and Industrial Billing Rules.

2.10.4 Liability for meter or calculation errors or malfunctions shall be assigned or apportioned to the appropriate party based on fault.

(Continued on Sheet No. EC2g)

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(Continued From Sheet No. EC2f)

3. CHARACTER OF SERVICE

- 3.1 Detroit Edison furnishes alternating current service at a nominal frequency of 60 hertz 24 hours a day, subject to interruption by tariff, by agreement, by advance notice, by accident or by other causes not under the reasonable control of Detroit Edison.
- 3.2 For Single-Phase Distribution Service, Detroit Edison provides service at differing voltages available in differing configurations within its service territory. These include, but are not limited to, single-phase secondary alternating current service at 120/240 volts. In some districts current is supplied from a Y-connected secondary network at 208Y/120 volts. Customers who are considering locating new load or who are considering adding load at an existing Location should contact Detroit Edison to determine what service is available at a particular Location to serve their Load.
- 3.3 For Three-Phase Distribution Service, Detroit Edison provides service at differing voltages available in differing configurations within its service territory. These include, but are not limited to, alternating current, three-phase service at nominal 4,800, 13,200, 24,000, 41,570 or 120,000 volts which may be transformed to lower voltages through Detroit Edison-owned transformation equipment. Where three-phase service is supplied at 480Y/277 volts through Detroit Edison-owned transformation equipment, the Customer must furnish any transformation for the supply of its 120/240 volt requirements. Customers who are considering locating new load or who are considering adding load at an existing Location should contact Detroit Edison to determine what service is available at a particular Location to serve their Load.

4. AVAILABILITY OF SERVICE

- 4.1 A customer site with load connected to Detroit Edison's Distribution System through a metered delivery point capable of delivering the required power that meets the eligibility requirements set forth in Section 2.3 shall be eligible for Retail Access Service.

5. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE

5.1 Term

- 5.1.1 Retail access service shall have a minimum term of two years subject to the provisions of Section 5.3. Upon completion of the initial term, retail access service shall continue on a month to month basis until terminated by the Customer or Detroit Edison with 30 days written notice. Any customer who elected retail access service prior to the Commission's final order in U-13808 will be subject to a minimum term of one year.

When more than 10% of the customer load in kWh for any of the three rate classes – residential, commercial, and industrial – is taking open access service, customers in that class must provide 60 days written notice.

If an Alternative Electric Supplier defaults, a Customer who returns to full service before the 30 or 60 days elapse shall pay the higher of the tariff rate or market based rate until Detroit Edison has received the benefit of 30 or 60 days notice, at which time the customer may elect to remain on full service for 12 months and pay tariff rates as provided for in Section 5.3. All other customers who fail to give less than 30 or 60 days notice are subject to Detroit Edison's ability to supply their requirements.

(Continued on Sheet No. EC2h)

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(Continued From Sheet No. EC2g)

5. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE (Continued)

5.1.2 The terms of service associated with any previously contracted or newly initiated service are specified below:

Retail access service provided to new locations served by Detroit Edison shall be for an initial minimum term of five years over which time the minimum charges shall apply. Contributions in Aid of Construction for distribution facilities will be per tariff rate.

Service provided to existing locations shall be for the unexpired portion of any existing contract but not less than a term of one year over which time the minimum charges shall apply.

After the expiration of the contract minimum term for Retail Access Service, the contract shall be extended thereafter, from month-to-month.

Minimum charges shall be adjusted each year to recognize actual demand.

5.2 Commencement of Service

5.2.1 Retail access service shall be initiated by a Customer choosing an Alternative Electric Supplier and the subsequent submission of an electronic enrollment by the Alternative Electric Supplier on behalf of the Customer in a manner specified by Detroit Edison. Alternative Electric Supplier submission of the enrollment warrants that a valid contract with the prospective Customer exists. Detroit Edison shall be required to complete all open access enrollment activities required of it to get the enrollment to "site-ready" status within the timeframes specified in Section 2.5.

5.2.2 Retail access service may not commence until metering has been installed as specified in this Rider or agreements related thereto and:

MISO has received from the Marketer an executed Transmission Service Agreement.

In addition, Detroit Edison must have received from the Alternative Electric Supplier:

- (i) the Alternative Electric Supplier's warranty, that the Alternative Electric Supplier has obtained all necessary approvals authorizing the Alternative Electric Supplier to conduct business at each Location to be served, and
- (ii) the Alternative Electric Supplier's warranty, that each enrollment submitted is in full compliance with requirements for enrollment, and is backed by proper authorization from the Customer allowing the Alternative Electric Supplier to enroll the Customer in retail access.

5.3 Return to Full Service

5.3.1 In addition to the written notice provided in 5.1, a Customer shall provide Detroit Edison with notice no later than December 1st if the Customer will be taking full service from Detroit Edison during the following summer. For this purpose, "summer" means Detroit Edison regularly scheduled billing periods beginning June 1st through September 30th. Customers who so notify Detroit Edison shall be obligated to take full service from Detroit Edison for twelve months and pay for such service at any tariff rate for which the customer qualifies.

(Continued on Sheet No. EC2i)

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**5. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE
(Continued)**

If a Customer does not provide Detroit Edison with written notice prior to December 1st and then takes full service from Detroit Edison during the following summer, the Customer shall pay Detroit Edison the higher of (a) the applicable tariff energy prices plus 10% or (b) the Market Priced Power charges plus 10% until such time as the minimum two year commitment to retail open access service has been met and the December 1st written notice requirement has been met.

5.3.2 Subject to the notice provisions of Section 5.3.1, Customers that discontinue retail access service may return to Detroit Edison Full Service under the following conditions:

5.3.2.1 Option 1 -- 12 Month Service Commitment

If the Customer commits to Detroit Edison Full Service for a minimum of 12 months, then the Customer may take service under any tariff rate for which the Customer qualifies. Any returning Customer that commits to remain on full service for the subsequent 12 months and then fails to do so will be back billed for the higher of the tariff rate or market-based rate.

5.3.2.2 Option 2 -- Short-Term Service

If the Customer chooses not to commit to Detroit Edison Full Service for a minimum of 12 months, then the Customer may take service under any tariff rate for which the Customer qualifies, with the tariff rate modified as follows:

The Power Supply Cost Recovery component, both base and adjustment factor, in any and all energy prices of the tariff, shall be subtracted from the energy prices and the Market Priced Power charge shall be added to the energy prices. The Market Priced Power charge shall reflect the current market value of energy, shall be based on visible indexes of electricity market prices plus reasonable charges for transmission and losses, and shall be calculated according to methods approved by the Michigan Public Service Commission. The Customer shall be billed the higher of the applicable tariff energy prices or the Market Priced Power charge.

The Customer may at any time return to retail access service or agree to take Detroit Edison Full Service for a minimum of 12 months.

5.3.2.3 Unless otherwise provided for and subject to other conditions in this Rider, a Customer may return to Detroit Edison Full Service under the provisions of Section 5.3 and subsequently go back to retail access service no more than once in any month.

6. Billing and Payment

6.1 Detroit Edison will bill the Customer for retail access service at the rates and charges outlined in Section 8.

6.2 The Customer shall pay Detroit Edison the amount billed on or before a due date established by Billing Rules approved by the Commission in cases U-10661 and U-11397. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent and not in dispute.

(Continued on Sheet No. EC2j)

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(Continued From Sheet No. EC2i)

6. BILLING AND PAYMENT (Continued)

6.3 The Customer shall retain the right to direct Detroit Edison to send the monthly bill to any third party, including the Alternative Electric Supplier.

6.4 Disconnection for Non-Payment

Customers will be subject to disconnection for non-payment of Detroit Edison distribution charges, that are not in dispute, in accordance with the rules described in Detroit Edison's Rules and Regulations, Section 2.5.

7. DISTRIBUTION CONTRACT CAPACITY

7.1 All Interval Demand Metered Customers shall contract for an amount of capacity sufficient to meet the maximum requirements of all Load connected to the Detroit Edison Distribution System at the Customer's Location. The Distribution Contract Capacity will initially be set at the greater of: 1) the previously established Contract Capacity; 2) the previously established Distribution Contract Capacity; 3) the highest 30-minute integrated demand created during the previous 12 billing months at each voltage level (whether the Customer received service under this Rider or a Detroit Edison retail tariff or contract), for each Location. Any single 30-minute integrated reading of the Interval Demand Meter in any month that exceeds the Distribution Contract Capacity then in effect shall become the new Distribution Contract Capacity. Customers not having previously established service requirements shall contract with Detroit Edison for a specified Distribution Contract Capacity in kW sufficient to meet the maximum requirements for each location.

7.2 Detroit Edison will provide the necessary facilities to deliver electric power from its Distribution System at the Distribution Contract Capacity. Any incremental cost incurred by Detroit Edison to provide the necessary facilities to meet the Customer's increased demand for distribution services over the Distribution Contract Capacity existing when service commences under this Rider shall be the responsibility of the Customer. Once established, the Distribution Contract Capacity shall not decrease during the contract term unless there is a specific permanent reduction in connected load.

8. RATES AND CHARGES

Rates and charges for delivery are stated in the customer's applicable unbundled tariff.

8.1 Optional Interval-Metered Service

Detroit Edison will charge Secondary customers who elect this optional interval metering service an additional fee per month for the meter and the costs of collecting and storing the interval data.

The fee for this optional interval-metered service is:

<i>Energy metered customers (D3)</i>	<i>\$25.00/month</i>
<i>Energy/demand metered customers (D4)</i>	<i>\$20.75/month</i>

This charge is in addition to the customer's normal delivery charges.

Active and enrolled Retail Access customers on the effective date of this Rider, who were previously required to install interval meters to take retail access service, may continue taking interval metered service under this optional service, without charge, until 24 months from the effective date of this Rider. Thereafter they will be charged the fee indicated above.

(Continued on Sheet No. EC2k)

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(Continued From Sheet No. EC2j)

8. RATES AND CHARGES (Continued)

8.2 Optional Cellular Telephony for Interval-Metered Customers

The charge for Detroit Edison's digital cellular alternative to land-line telephony, as described in Section 2.9.1 is \$45.00/month

The customer is responsible for all charges from the cellular provider.

8.3 Manual Meter Reading of Interval Meters

Detroit Edison's charge for manually reading (downloading) the data from an interval meter is \$37.00/month for a single read, performed at the time of Detroit Edison billing. This charge applies to the second and subsequent ad-hoc meter reads necessitated by telephony failures and regular monthly reads for customers with the hardship exception as described in Section 2.9.3.

9. Reserved for Future Use

(Continued on Sheet No. EC2l)

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10. OTHER PROVISIONS

- 10.1** Retail Access Customers will be subject to the relevant curtailment procedure contained in Detroit Edison's electrical Procedures, Rule B-3.7. Detroit Edison shall give Retail Access Customers the same priorities in curtailment situations as it gives Full Service Customers.
- 10.2** All Points of Receipt for Power produced within the Detroit Edison retail service territory for delivery to Customers within that territory shall be considered as being points located on the ITC Transmission System.
- 10.3** All electric generation equipment connected in parallel with the Detroit Edison system must comply with the Detroit Edison Protective Relaying, Operating and Telemetering Guidelines for Independently Owned Generation and before operating such equipment must obtain certification, in writing, from Detroit Edison that the conditions outlined in the guidelines have been met.
- 10.4** Customer equipment must be operated so that voltage flicker and harmonics on the Detroit Edison Distribution System shall not exceed permissible limits established by Detroit Edison and by IEEE Standard 519, respectively. Failure to comply with this requirement may result in discontinuance of service to the Customer and disconnection of Customer's Load from the Detroit Edison system.
- 10.5** Redundant services requested by the Customer may be provided under separate agreement.
- 10.6** Detroit Edison's Rules and Regulations as currently in effect are incorporated by reference into this Rider to the extent applicable and, Rule C-2.2(2) notwithstanding, only to the extent not inconsistent with the terms of this Rider.

(Continued on Sheet No. EC2m)

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ALTERNATIVE ELECTRIC SUPPLIER SECTION

11. ALTERNATIVE ELECTRIC SUPPLIER

- 11.1** This Rider section outlines the rights and responsibilities of Alternative Electric suppliers and Detroit Edison when enrolling and serving Customers under retail access service. The Alternative Electric Supplier is the retail seller of electric supply to the Customer on Detroit Edison's Distribution System.
- 11.2** If an Alternative Electric Supplier or Marketer fails to pay amounts due Detroit Edison or otherwise fails to perform obligations undertaken in connection with service to a Customer, Detroit Edison will give the Customer notice of the Alternative Electric Supplier's or Marketer's default. If the Customer, its Alternative Electric Supplier, or its Marketer fails to pay amounts due Detroit Edison or otherwise fails to comply with the provisions of the applicable Tariffs or agreements with Detroit Edison, retail access service may be terminated. Unless the Customer, Alternative Electric Supplier or Marketer cures the default with Detroit Edison or the Customer changes its Alternative Electric Supplier, the Customer may be returned to Detroit Edison Full Service subject to the provisions of **Section 5.3**.
- 11.3** The Alternative Electric Supplier is responsible for all of the Alternative Electric Supplier charges associated with its Customers until retail access service is terminated.
- 11.4** Termination of retail access service to a Customer can be initiated by the Alternative Electric Supplier, the Customer or Detroit Edison. Alternative Electric Suppliers and Detroit Edison shall comply with the billing rules that govern the shut off of service, R 460.2101 et seq. and R 460.3903 et seq. except that instead of providing a notice of termination, Alternative Electric Suppliers shall provide a notice of return to full service.

(Continued on Sheet No. EC2n)

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12. CREDITWORTHINESS

- 12.1** There is no creditworthiness requirement for Alternative Electric Supplier 's unless the Alternative Electric Supplier is purchasing products or services from Detroit Edison. Alternative Electric Suppliers who purchase products or services from Detroit Edison must demonstrate and maintain current creditworthiness in an amount sufficient to cover anticipated charges for all those products or services. For unsecured credit, the Alternative Electric Supplier must provide three (3) years of audited financial statements, including notes, having an acceptable amount of positive tangible net worth, and meeting risk parameters derived from an analysis of its financial statements. The Alternative Electric Supplier may provide alternative security or credit enhancement, such as a letter of guarantee, letter of credit or prepayment. Detroit Edison will use reasonable credit review procedures which may include, but are not limited to, review of the Alternative Electric Supplier's financial statements, verification that the Alternative Electric Supplier is not operating under state or federal bankruptcy laws, and has no pending lawsuits or regulatory proceedings or judgments outstanding which would have a material adverse affect on the Alternative Electric Supplier and its ability to perform its obligations. Affiliates of Detroit Edison must meet these same creditworthiness requirements.

The amount of creditworthiness required is equivalent to two months expected exposure.

Following 24 months of full and timely payment to Detroit Edison for service provided, an Alternative Electric Supplier shall be deemed to have sufficient credit to satisfy Detroit Edison's requirements.

13. ELECTRONIC BUSINESS TRANSACTIONS

- 13.1** Unless specified otherwise by Detroit Edison in a Commission-approved tariff, Alternative Electric Suppliers shall transact all business with Detroit Edison electronically.
- 13.2** Unless otherwise specified by Detroit Edison in a Commission-approved tariff, all payments made to Detroit Edison by the Alternative Electric Supplier will be made by electronic funds transfer to the Detroit Edison account.

14. CONDITIONS PRECEDENT TO CUSTOMER ENROLLMENT

The Alternative Electric Supplier will not be eligible to enroll Customers unless and until the following conditions precedent have been satisfied and continue to be satisfied:

- 14.1** The Alternative Electric Supplier has been granted a license by the Commission.
- 14.2** The Alternative Electric Supplier has demonstrated electronic communication and commerce capability, which meets Detroit Edison's standards and protocols as defined in tariffs approved by the Commission.

(Continued on Sheet No. EC2o)

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14. CONDITIONS PRECEDENT TO CUSTOMER ENROLLMENT (Continued)

- 14.3** The Alternative Electric Supplier has an executed contract with a qualified Marketer, as evidenced in an executed Alternative Electric Supplier-Marketer Notice.

15. CONDITIONS PRECEDENT FOR SERVING CUSTOMERS

The Alternative Electric Supplier will not be permitted to serve or continue to serve Customers unless and until the following conditions precedent have been satisfied and maintained:

- 15.1** The Alternative Electric Supplier has satisfied and continues to satisfy all conditions in Section 14.
- 15.2** All required Customer metering equipment is in place and functioning properly.
- 15.3** *All required telephony to the meter is in place and functioning properly (Interval-Metered Customers).*
- 15.4** The Alternative Electric Supplier has complied with and continues to comply with all provisions of this Rider.

16. RATES AND CHARGES

- 16.1** The Alternative Electric Supplier shall pay Detroit Edison the following:

- 16.1.1** An Alternative Electric Supplier enrolling Customer(s) with the Complete Billing option shall pay Detroit Edison a one-time charge of \$5,000 for the Alternative Electric Supplier's initial rate-ready schedule set-up for up to sixty rates, regardless of the number of Customers electing this option.
- 16.1.2** An Alternative Electric Supplier enrolling Customer(s) with the Complete Billing option shall pay Detroit Edison a monthly transaction charge of \$0.20 per Customer location billed under the Complete Billing option.
- 16.1.3** An Alternative Electric Supplier enrolling Customer(s) with the Complete Billing option shall pay Detroit Edison \$1,000 per occurrence for each change request made by the Alternative Electric Supplier to its rate-ready schedule, regardless of the number of changes in the request or the number of Customers effected.
- 16.1.4** Any other charges to the Alternative Electric Supplier for services provided by Detroit Edison will be negotiated on an individual case basis.

- 16.2** Detroit Edison will provide two (2) Customer Billing options-Complete Billing by Detroit Edison and Separate Billing by Detroit Edison and the Alternative Electric Supplier. It is the responsibility of the Alternative Electric Supplier to identify on the Customer Enrollment Form which of these options the Customer has requested.

(Continued on Sheet No. EC2p)

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(Continued From Sheet No. EC2o)

16. RATES AND CHARGES (Continued)

16.3 Allocation of Partial Payments Under Complete Billing

In the event the Customer submits a partial payment, the receipts will be applied as follows:

- all past due and current Detroit Edison distribution and distribution related charges
- past due and current Alternative Electric Supplier energy charges
- other Detroit Edison charges
- other Alternative Electric Supplier charges

Partial payments resulting from disputed charges shall be allocated first to undisputed charges in each of the above four categories and then to disputed charges in each of the above four categories.

16.4 Detroit Edison will not pursue collection actions for any Alternative Electric Supplier.

17. DISPUTE RESOLUTION

17.1 Detroit Edison will have no duty or obligation to resolve any complaints or disputes between or among Alternative Electric Suppliers and Marketers or any combination thereof, related to but not limited to switching Alternative Electric Suppliers, switching Marketers, termination of retail access service, Customer enrollment or Customer billing options.

17.2 In the event of a dispute between Detroit Edison and an Alternative Electric Supplier, including but not limited to "Events of Default," the Parties may attempt, in good faith, to resolve the dispute amicably and promptly. If the dispute is not resolved in five (5) business days, the Parties may attempt to resolve the dispute by promptly appointing a senior representative of each Party to attempt to mutually agree upon a resolution. The two senior members shall meet within ten (10) business days. If the two senior representatives cannot reach a resolution within a 30-day period, the dispute may, on demand of either Party, be submitted to arbitration as provided in this section.

17.3 The dispute will be submitted for resolution in accordance with the American Arbitration Association ("AAA") Commercial Arbitration Rules. The judgment rendered by the arbitrator may be enforced in any court having jurisdiction of the subject matter and the Parties.

17.4 If the parties are unable to agree on an arbitrator, the arbitrator shall be determined by AAA.

17.5 The findings and award of the arbitrator shall be final and conclusive and shall be binding upon the Parties, except as otherwise provided by law. Any award shall specify the manner and extent of the division of the costs between the Parties.

17.6 Nothing in this Section shall restrict the rights of either Party to file a formal complaint with an appropriate regulatory agency regarding any issue the adjudication of which lies within the exclusive jurisdiction of the regulatory agency.

(Continued on Sheet No. EC2q)

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(Continued From Sheet No. EC2p)

18. SLAMMING PROTECTION

- 18.1** Alternative Electric Suppliers shall warrant that the Customer has duly authorized the submitted enrollment and the Alternative Electric Supplier has complied with the provisions of 2000 P.A. 141 or any applicable commission rules developed pursuant to 2000 P.A. 141 to prevent slamming.
- 18.2** Detroit Edison provides Residential Customers with pending enrollments with an Alternative Electric Supplier, a three-day notice period in which the Customer may cancel the enrollment before the switch is executed. If the Customer challenges the enrollment the switch transaction is cancelled, the affected Alternative Electric Supplier(s) are notified, and the enrolling Alternative Electric Supplier shall be assessed the \$5 switching fee instead of the Customer. If the Customer cancels an enrollment in error, the enrolling Alternative Electric Supplier's remedy is to discuss the situation with the Customer and submit a new enrollment.

Commercial and Industrial ROA Customers' right to cancel an enrollment shall be in accordance with the terms of their contract with their Alternative Electric Supplier(s).

(Continued on Sheet No. EC2r)

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MARKETER SECTION

19. REAL POWER LOSSES

The Marketer used by the Alternative Electric Supplier is responsible for replacing losses associated with the delivery of power to the Customer's meter. The amount of Power delivered by Detroit Edison on the Detroit Edison Distribution System to the Customer's meter shall be adjusted using the following real power loss factors for distribution service:

	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
Secondary	10.88%	11.95%	12.01%	10.23%
4.8/13.2 kV	6.61%	7.13%	7.37%	6.31%
24kV/41.6 kV	1.86%	2.09%	2.34%	1.90%
120 kV and above	0.55%	0.57%	0.57%	0.55%

Marketers must schedule and supply an amount of Power equal to its Customers' hourly usage x $[(1 + D\%) \times (1 + T\%)]$ to account for losses on the ITC Transmission and Detroit Edison Distribution System, where T% is the applicable loss factor contained in the ITC Open Access Transmission Tariff and D% is the applicable loss factor from the table above.

20. OPTIONAL LOAD PROFILE MANAGEMENT SERVICE

The Optional Load Profile Management Service (Load-Leading Service) is no longer available.

21. HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT

21.1 Meter Data Management Agent

At the option of the Marketer, Detroit Edison will act as their Meter Data Management Agent (MDMA) for their customer loads within Detroit Edison's service area. The Marketer is under no obligation to take this service from Detroit Edison.

21.2 Hourly Usage Data for Interval-Metered Customers

Hourly usage for Primary customers and Secondary customers taking optional interval-metered Retail Access service will be the customer's actual measured usage for each hour increment as recorded by the interval meter.

21.3 Hourly Usage Data for Customers Without Interval Meters

Standard Retail Access service for Secondary customers is accomplished with Detroit Edison's standard metering for the customer class and type of service taken. There is no requirement for interval metering for Secondary customers.

(Continued on Sheet No. EC2s)

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21. HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT (Continued)

Hourly usage data for these customers will be determined through the use of MPSC-approved load profiles that will be used to distribute the total usage in the billing period across all the hours in that billing period. The same MPSC-approved profiles must be used for all retail access customers in a given load profiling grouping whether or not Detroit Edison acts as the MDMA.

21.3.1 Load Profiles

Secondary customers will be assigned to one of twelve distinct customer groupings, based on customer class (Residential or Non-Residential), type of service (single-phase or three-phase), type of metering (energy only or energy and demand), historical usage characteristics (annual usage, load factor), and if three-phase energy-metered, by major SIC Code grouping (Manufacturing or Non-Manufacturing).

Customers will be assigned to a particular load profile based on their historic information in Detroit Edison's customer systems. Where insufficient history exists, the needed information to assign a profile will be estimated by Detroit Edison.

Customer assignments to a particular load profile will be reviewed annually to see if the customer's annual kWh usage or load factor for the last 12 months merits re-assignment to a different load profile group.

The twelve load profile groupings are shown in the following table:

Profile	Customer Class	Profiles	Description
1	Residential (D1)	One	All Residential Customers (Current Residential Profile)
2	Secondary – Energy Metered (D3) - Single-Phase	One	Single-phase non-Residential Customers on energy-metered rates (D3) (Current Single-Phase Profile)
3	Secondary – Energy Metered (D3) - Three-Phase	Two - Manufacturing	Low Segment (0 – 256,255 kWh/Year)
4			High Segment (Over 256,255 kWh/Year)
5		Four - Non-Manufacturing	Low Segment (0-46,523 kWh/Year)
6			Medium-Low Segment (46,524 – 114,615 kWh/Year)
7			Medium-High Segment (114,616 – 277,400 kWh/Year)
8			High Segment (Over 277,400 kWh/Year)
9	Secondary – Energy/ Demand Metered (D4)	Four by Annual Load Factor	40 – 49% Annual Load Factor
10			50 – 59% Annual Load Factor
11			60 – 69% Annual Load Factor
12			70% or Greater Annual Load Factor

(Continued on Sheet No. EC2t)

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SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

(Continued From Sheet No. EC2s)

21. HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT (Continued)

21.3.2 Creation of Load Profiles

Historical profiles based on statistically representative cross-sections of Detroit Edison customers will be used to distribute measured monthly (billing cycle) usage across the hours in the month (billing cycle). The profiles are not modeled. They are based on actual hourly usage data collected from Interval Demand Meters installed on a sample set of Customers from each profile group to achieve a statistically accurate demand estimate of 80% ± 20% on an hourly basis during the on-peak hours.

The hourly usage value posted to the profile is simply the mean usage for that hour for all the customers in the relevant sample.

21.3.3 Availability of Load Profile Data

Detroit Edison will post preliminary hourly data for each hour of a given usage day to a Detroit Edison web-site by the end of the first business day following the usage day. Revisions, if needed, will be posted within 10 working days.

When these load profiles are first implemented, Detroit Edison will publish one year's worth of historical data for each profile to assist suppliers' efforts to model the profile.

Detroit Edison will maintain a rolling 12 months of data on the usage web-site after initial implementation.

21.3.4 Review of Load Profile Performance

Detroit Edison will continually monitor the performance of the load profiling methodology and will provide a report to the MPSC Staff and all parties to the Metering Collaborative within eighteen months of full implementation

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MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

These sheets have been cancelled and are reserved for future use.

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EFFECTIVE FOR SERVICE RENDERED ON
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DATED _____
IN CASE NO. U-14838

Rate Schedule No. EC3

Optional Retail Access Backup Service

RATE TERMINATED AS OF _____

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EFFECTIVE FOR BILLS RENDERED ON AND
AFTER _____
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED _____
IN CASE NO. U-14838

Schedule E10-1

Michigan Public Service Commission
The Detroit Edison Company
2007 Forecast Energy Allocation Schedule

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-1
Page: 1 of 2
Witness: M. R. Williamson

Line No.	Rate Class	Forecast 2007 Energy
	(1)	(2)
1	<u>DOMESTIC</u>	
2	Domestic	15,783,368.0
3	Space Heating	334,433.0
4	Total Residential	16,117,801.0
5		
6	<u>SMALL LIGHT AND POWER</u>	
7	General Service	7,076,875.0
8	Large General Service	2,007,950.0
9	Total Small Light and Power(Comm)	9,084,825.0
10		
11	<u>LARGE LIGHT AND POWER</u>	
12	Primary Manufacturing Medium	
13	Transmission Bulk	487,961.0
14	Industrial	983,679.0
15	Subtransmission Bulk	391,971.0
16	Industrial	1,415,974.0
17	Primary Distribution	8,060,139.0
18	Total Primary Manufacturing Medium	11,339,724.0
19		
20		
21	D7 Transitional Primary Supply (TPS)	27,106.1
22	Transmission Bulk	4,061,049.4
23	Transmission Industrial	102,220.0
24	Subtransmission Bulk	842,204.9
25	Industrial	451,835.4
26	Primary Distribution	5,484,415.9
27	Total TPS	
28		
29	Large Customer Contracts	
30	Base	0.0
31	Transmission Bulk	233,365.1
32	Industrial	334,494.0
33	Subtransmission Industrial	1,212,507.5
34	Primary Distribution	112,915.0
35	Secondary LCC	1,893,281.7
36	Total Base LCC	
37		
38	LCC Interruptible	0.0
39	Transmission Bulk	79,580.0
40	Industrial	0.0
41	Subtransmission Bulk	103,830.2
42	Subtransmission Industrial	64,467.5
43	Primary Distribution	247,877.7
44	Total Interruptible LCC	
45		2,141,159.3
46	Total LCC	
47		
48	Interruptible Primary Supply	24,398.6
49	Transmission Industrial	63,535.6
50	Subtransmission Industrial	725,519.8
51	Primary Distribution	813,454.1
52	Total Interruptible Primary	
53		
54	Total Primary	19,778,753.3

Schedule E10-1

Michigan Public Service Commission
The Detroit Edison Company
2005 Energy Allocation Schedule

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-1
Page: 2 of 2
Witness: M. R. Williamson

Line No.	Rate Class	Forecast 2007 Energy
	(1)	(2)
55	Combined R1.1 (Alt. Metal Mltg) and R1.2 (Process Heat)	
56	Subtransmission Industrial	92,165.7
57	Primary Distribution	359,314.6
58	Secondary Distribution	48,499.0
59	Total R1.1 and R1.2 Combined	499,979.3
60		
61	Interruptible Rider (includes Interruptible D7)	
62	Transmission Bulk	288,718.9
63	Industrial	371,107.9
64	Subtransmission Bulk	245,000.0
65	Subtransmission Industrial	336,069.0
66	Primary Distribution	53,086.2
67	Total Interruptible Rider	1,293,982.0
68		
69	LARGE LIGHT AND POWER	21,572,715
70		
71	E1 Street Lighting, E2 Traffic Signals & D9 OPL (Res/Comm)	362,360
72		
73	TOTAL LOAD w/o Wholesale	47,137,700.3
74		
75	Wholesale for Resale - Firm	
76	Transmission Bulk	2,092,890.0
77	Subtransmission Bulk	372,500.0
78	Total Wholesale for Resale - Firm	2,465,390.0
79		
80	Wholesale for Resale - Interruptible	
81	Transmission Bulk	0.0
82	Subtransmission Bulk	217,500.0
83	Total Wholesale for Resale - Interruptible	217,500.0
84		
85	Total Wholesale for Resale	2,682,890.0
86		
87	TOTAL LOAD with Wholesale	49,820,590.3
88		
89	Retail Access - Commercial	2,100,000.0
90	Retail Access - Industrial Primary Transmission Bulk	122,857.3
91	Retail Access - Industrial Primary Transmission Industrial	0.0
92	Retail Access - Industrial Primary Subtransmission Industrial	48,772.4
93	Retail Access - Industrial Primary Distribution	1,128,370.2
94	Total Choice	3,400,000.0
95	Net System Output with Choice & Wholesale	53,220,590.3

Schedule E10-2

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 100 - Total Energy
Power Supply
Power Plant Energy Production

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-2
Page: 1 of 4
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 Total Energy Schedule 100
1	Residential	D1, D1.1 and D5	32.431
2	Space Heating	D2	0.687
3	Total Domestic		33.118
4			
5	General Service	D3, D5, R8 and E5	14.541
6	Large General Service	D4	4.126
7	Total Small Light and Power		18.667
8			
9	Primary Supply	D6 and D6.1	22.662
10	TPS	D7	10.634
11	LCC Secondary		0.232
12	LCC Primary Firm & Non Firm		4.044
13	Interruptible Supply	D8	1.638
14	Total Primary		39.210
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	1.007
17	Interruptible Supply Rider	R10	2.514
18	Total Large Light and Power		42.730
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.745
21	Wholesale for Resale		4.741
			5.485
22	TOTAL		100.000

Schedule E10-2

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 101 - On Peak Energy
Power Supply
Power Plant Energy Production

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-2
Page: 2 of 4
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 On Peak Energy Schedule 101
1	Residential	D1, D1.1 and D5	31.331
2	Space Heating	D2	0.627
3	Total Domestic		31.957
4			
5	General Service	D3, D5, R8 and E5	16.166
6	Large General Service	D4	4.027
7	Total Small Light and Power		20.192
8			
9	Primary Supply	D6 and D6.1	22.671
10	TPS	D7	10.639
11	LCC Secondary		0.240
12	LCC Primary Firm & Non Firm		4.201
13	Interruptible Supply	D8	1.672
14	Total Primary		39.423
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	1.161
17	Interruptible Supply Rider	R10	2.672
18	Total Large Light and Power		43.256
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.408
21	Wholesale for Resale		4.186
			4.594
22	TOTAL		100.000

Schedule E10-2

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 199 - 12CP
Power Supply
Production System Output

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-2
Page: 3 of 4
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 12CP Demand Schedule 199
1	Residential	D1, D1.1 and D5	39.416
2	Space Heating	D2	0.752
3	Total Domestic		40.168
4			
5	General Service	D3, D5, R8 and E5	17.007
6	Large General Service	D4	4.001
7	Total Small Light and Power		21.008
8			
9	Primary Supply	D6 and D6.1	22.915
10	TPS	D7	9.057
11	LCC Secondary		0.247
12	LCC Primary Firm & Non Firm		3.890
13	Interruptible Supply	D8	0.169
14	Total Primary		36.278
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	0.389
17	Interruptible Supply Rider	R10	0.944
18	Total Large Light and Power		37.611
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.606
21	Wholesale for Resale		0.608
			1.214
22	TOTAL		100.000

Schedule E10-2

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 200 - MH4CP
Power Supply
Production System Output

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-2
Page: 4 of 4
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 MH4CP Demand Schedule 200
1	Residential	D1, D1.1 and D5	41.862
2	Space Heating	D2	0.461
3	Total Domestic		42.323
4			
5	General Service	D3, D5, R8 and E5	17.987
6	Large General Service	D4	3.318
7	Total Small Light and Power		21.305
8			
9	Primary Supply	D6 and D6.1	20.868
10	TPS	D7	7.506
11	LCC Secondary		0.205
12	LCC Primary Firm & Non Firm		3.490
13	Interruptible Supply	D8	0.132
14	Total Primary		32.201
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	0.304
17	Interruptible Supply Rider	R10	0.828
18	Total Large Light and Power		33.333
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.106
21	Wholesale for Resale		2.933
			3.039
22	TOTAL		100.000

Schedule E10-3

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 201 - 12CP
Distribution
Input to Transmission Substation

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-3
Page: 1 of 6
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 12CP Demand Schedule 201
1	Residential	D1, D1.1 and D5	42.711
2	Space Heating	D2	0.814
3	Total Domestic		43.525
4			
5	General Service	D3, D5, R8 and E5	22.314
6	Large General Service	D4	5.747
7	Total Small Light and Power		28.061
8			
9	Primary Supply	D6 and D6.1	20.798
10	TPS	D7	1.002
11	LCC Secondary		0.267
12	LCC Primary Firm & Non Firm		2.968
13	Interruptible Supply	D8	1.588
14	Total Primary		26.623
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	0.976
17	Interruptible Supply Rider	R10	0.159
18	Total Large Light and Power		27.758
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.657
			0.657
21	TOTAL		100.000

Schedule E10-3

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 202
Distribution
Sub-Transmission System

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-3
Page: 2 of 6
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 Demand Schedule 202
1	Residential	D1, D1.1 and D5	40.199
2	Space Heating	D2	0.765
3	Total Domestic		40.963
4			
5	General Service	D3, D5, R8 and E5	23.846
6	Large General Service	D4	4.850
7	Total Small Light and Power		28.696
8			
9	Primary Supply	D6 and D6.1	20.903
10	TPS	D7	1.522
11	LCC Secondary		0.237
12	LCC Primary Firm & Non Firm		2.532
13	Interruptible Supply	D8	1.283
14	Total Primary		26.478
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	1.085
17	Interruptible Supply Rider	R10	0.812
18	Total Large Light and Power		28.375
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.741
21	Wholesale for Resale		1.225
			1.966
22	TOTAL		100.000

Schedule E10-3

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 203
Distribution
Primary Voltage Substation

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-3
Page: 3 of 6
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 Demand Schedule 203
1	Residential	D1, D1.1 and D5	38.380
2	Space Heating	D2	0.730
3	Total Domestic		39.110
4			
5	General Service	D3, D5, R8 and E5	22.767
6	Large General Service	D4	4.631
7	Total Small Light and Power		27.398
8			
9	Primary Supply	D6 and D6.1	20.893
10	TPS	D7	4.629
11	LCC Secondary		0.226
12	LCC Primary Firm & Non Firm		2.784
13	Interruptible Supply	D8	1.261
14	Total Primary		29.792
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	1.039
17	Interruptible Supply Rider	R10	1.953
18	Total Large Light and Power		32.784
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.707
			0.707
21	TOTAL		100.000

Schedule E10-3

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 204
Distribution
Primary Lines

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-3
Page: 4 of 6
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 Demand Schedule 204
1	Residential	D1, D1.1 and D5	50.576
2	Space Heating	D2	0.962
3	Total Domestic		51.538
4			
5	General Service	D3, D5, R8 and E5	30.002
6	Large General Service	D4	6.102
7	Total Small Light and Power		36.104
8			
9	Primary Supply	D6 and D6.1	8.238
10	TPS	D7	0.282
11	LCC Secondary		0.306
12	LCC Primary Firm & Non Firm		0.962
13	Interruptible Supply	D8	0.749
14	Total Primary		10.537
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	0.953
17	Interruptible Supply Rider	R10	0.002
18	Total Large Light and Power		11.491
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.867
			0.867
21	TOTAL		100.000

Schedule E10-3

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 205
Distribution
Secondary Line Transformers

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-3
Page: 5 of 6
Witness: M. R. Williamson

(a)		(b)	(c)
Line No.	Description	Rate	Forecast 2007 Demand Schedule 205
1	Residential	D1, D1.1 and D5	56.906
2	Space Heating	D2	1.082
3	Total Domestic		57.988
4			
5	General Service	D3, D5, R8 and E5	34.330
6	Large General Service	D4	6.263
7	Total Small Light and Power		40.594
8			
9	Primary Supply	D6 and D6.1	0.000
10	TPS	D7	0.000
11	LCC Secondary		0.333
12	LCC Primary Firm & Non Firm		0.000
13	Interruptible Supply	D8	0.000
14	Total Primary		0.333
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	0.170
17	Interruptible Supply Rider	R10	0.000
18	Total Large Light and Power		0.502
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.917
			0.917
21	TOTAL		100.000

Schedule E10-3

Michigan Public Service Commission
The Detroit Edison Company
Demand and Energy Allocation
Percentages By Rate Class
Allocation Schedule 300
Distribution
Secondary Distribution Lines

Case No.: U-14838
Exhibit No.: DE-13
Schedule: E10-3
Page: 6 of 6
Witness: M. R. Williamson

	(a)	(b)	(c)
Line No.	Description	Rate	Forecast 2007 Demand Schedule 300
1	Residential	D1, D1.1 and D5	67.394
2	Space Heating	D2	1.204
3	Total Domestic		68.598
4			
5	General Service	D3, D5, R8 and E5	27.417
6	Large General Service	D4	3.282
7	Total Small Light and Power		30.699
8			
9	Primary Supply	D6 and D6.1	0.000
10	TPS	D7	0.000
11	LCC Secondary		0.143
12	LCC Primary Firm & Non Firm		0.000
13	Interruptible Supply	D8	0.000
14	Total Primary		0.143
15			
16	Alt Metal Melting & Process Heat	R1.1 and R1.2	0.157
17	Interruptible Supply Rider	R10	0.000
18	Total Large Light and Power		0.299
19			
20	Street Lighting	E1, E2 and D9 (Res/Comm)	0.404
			0.404
21	TOTAL		100.000