

Docket No. 13-0318  
ComEd Ex. 10.04 Revised  
Rate Design

	A	B	C	D	E	F	G	
1			EMBEDDED COST OF SERVICE INFORMATION: TAB R					
2		Annual		Total				
3		Billing	Embedded	Embedded	EPEC			
4	<b>Residential</b>	Units	Costs	Costs	Revenue			
5	Delivery	-----	-----	-----	-----			
6	Class	(A)	(B)	(C)	(D)			
7				= (B) by Class	= (C) x NRR/EC			
8	<b>SFNH</b>							
9	Customer	26,785,841	\$295,813,007					
10	Meter	26,785,841	\$90,767,955					
11	Dist	20,471,628,554	\$603,103,279					
12	IEDT	20,471,628,554	\$23,736,952					
13	Total			\$1,013,421,193	\$1,013,421,193			
14								
15	<b>MFNH</b>							
16	Customer	12,498,046	\$109,431,782					
17	Meter	12,498,046	\$42,409,446					
18	Dist	4,425,830,554	\$126,700,023					
19	IEDT	4,425,830,554	\$5,131,772					
20	Total			\$283,673,023	\$283,673,023			
21								
22	<b>SFH</b>							
23	Customer	419,990	\$5,066,273					
24	Meter	419,990	\$1,420,816					
25	Dist	750,453,895	\$10,809,248					
26	IEDT	750,453,895	\$870,155					
27	Total			\$18,166,492	\$18,166,492			
28								
29	<b>MFH</b>							
30	Customer	1,912,183	\$17,352,249					
31	Meter	1,912,183	\$6,476,797					
32	Dist	1,593,009,493	\$22,499,215					
33	IEDT	1,593,009,493	\$1,847,102					
34	Total			\$48,175,363	\$48,175,363			
35								
36	Total Residential			\$1,363,436,071	\$1,363,436,071			
37	Bills	41,616,060						
38	kWh	27,240,922,496						
39	Customer Costs		\$427,663,311					
40	Meter Costs		\$141,075,014					
41	Distribution Costs		\$763,111,765					
42	IEDT Costs		\$31,585,981					
43								

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44		DELIVERY SERVICE CHARGES COMPUTATION: TAB R					
45			Unit		Total	As a % of	Overall
46	<b>Residential</b>	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
47	Delivery	-----	-----	-----	-----	-----	-----
48	Class	(E)	(F)	(G)	(H)	(J)	(K)
49				=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
50	<b>SFNH</b>						
51	CC	\$0.01	\$15.09	\$404,198,341			
52	SMSC		\$3.39	\$90,804,001			
53	DFC (kWh)	(\$0.00001)	\$0.02416	\$494,594,546			
54	IEDT (kWh)		\$0.00116	\$23,747,089			
55	Total				\$1,013,343,977	100.0%	\$0.0495
56							
57	<b>MFNH</b>						
58	CC	\$0.01	\$7.76	\$96,984,837			
59	SMSC		\$3.39	\$42,368,376			
60	DFC (kWh)		\$0.03147	\$139,280,888			
61	IEDT (kWh)		\$0.00116	\$5,133,963			
62	Total				\$283,768,064	100.0%	\$0.0641
63							
64	<b>SFH</b>						
65	CC	\$0.01	\$17.21	\$7,228,028			
66	SMSC		\$3.39	\$1,423,766			
67	DFC (kWh)	(\$0.00001)	\$0.01151	\$8,637,724			
68	IEDT (kWh)		\$0.00116	\$870,527			
69	Total				\$18,160,045	100.0%	\$0.0242
70							
71	<b>MFH</b>						
72	CC	(\$0.01)	\$8.71	\$16,655,114			
73	SMSC		\$3.39	\$6,482,300			
74	DFC (kWh)	\$0.00001	\$0.01455	\$23,178,288			
75	IEDT (kWh)		\$0.00116	\$1,847,891			
76	Total				\$48,163,593	100.0%	\$0.0302
77							
78	Total Residential				\$1,363,435,679	100.0%	\$0.0501

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1			EMBEDDED COST OF SERVICE INFORMATION: TAB N1				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	<b>Nonresidential</b>	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				= (B) by Class	= (C) x NRR/EC		
8	<b>WH</b>						
9	Customer	1,103,130	\$14,023,677				
10	Meter	1,103,130	\$3,161,888				
11	Dist	453,085,296	\$9,656,099				
12	IEDT	453,085,296	\$525,355				
13	Total			\$27,367,019	\$27,367,019		
14							
15	<b>SL</b>						
16	Customer	2,979,120	\$40,477,071				
17	Meter	2,979,120	\$30,047,603				
18	SV Dist	38,648,346	\$216,826,703				
19	PV Dist	46,890	\$105,732				
20	PV Tr	18,844	\$4,353				
21	IEDT	11,437,156,848	\$13,261,439				
22	Total			\$300,722,901	\$300,722,901		
23							
24	<b>ML</b>						
25	Customer	207,693	\$3,449,062				
26	Meter	207,693	\$4,639,189				
27	SV Dist	27,601,586	\$159,449,658				
28	PV Dist	458,796	\$1,495,667				
29	PV Tr	331,941	\$62,889				
30	IEDT	10,408,083,027	\$12,068,223				
31	Total			\$181,164,688	\$181,164,688		
32							
33	<b>LL</b>						
34	Customer	50,295	\$3,463,135				
35	Meter	50,295	\$1,194,758				
36	SV Dist	21,860,935	\$131,205,818				
37	PV Dist	771,272	\$3,078,256				
38	PV Tr	467,672	\$111,604				
39	IEDT	9,621,568,523	\$11,156,255				
40	Total			\$150,209,826	\$150,209,826		
41							
42	<b>VLL</b>						
43	Customer	22,471	\$13,610,848				
44	Meter	22,471	\$533,611				
45	SV Dist	30,113,757	\$176,948,319				
46	PV Dist	9,004,235	\$42,126,780				
47	PV Tr	5,680,289	\$1,426,957				
48	IEDT	18,084,639,583	\$20,969,227				
49	Total			\$255,615,742	\$255,615,742		

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50							
51	DELIVERY SERVICE CHARGES COMPUTATION: TAB N1						
52			Unit		Total	As a % of	Overall
53	<b>Nonresidential</b>	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
54	Delivery	-----	-----	-----	-----	-----	-----
55	Class	(E)	(F)	(G)	(H)	(J)	(K)
56				=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
57	<b>WH</b>						
58	CC		\$9.30	\$10,259,109			
59	SMSC		\$2.87	\$3,165,983			
60	DFC (kWh)		\$0.02962	\$13,420,386			
61	IEDT (kWh)		\$0.00116	\$525,579			
62	Total				\$27,371,057	100.0%	\$0.0604
63							
64	<b>SL</b>						
65	CC	\$0.30	\$13.89	\$41,379,977			
66	SMSC		\$10.09	\$30,059,321			
67	SV DFC (kW)	1.021	\$5.73	\$221,455,023			
68	PV DFC (kW)	1.021	\$2.30	\$107,847			
69	PV TRC (kW)		\$0.23	\$4,334			
70	IEDT (kWh)		\$0.00116	\$13,267,102			
71	Total				\$306,273,604	101.8%	\$0.0268
72							
73	<b>ML</b>						
74	CC	(\$0.45)	\$16.16	\$3,356,319			
75	SMSC		\$22.34	\$4,639,862			
76	SV DFC (kW)	1.021	\$5.90	\$162,849,357			
77	PV DFC (kW)	1.021	\$3.33	\$1,527,791			
78	PV TRC (kW)		\$0.19	\$63,069			
79	IEDT (kWh)		\$0.00116	\$12,073,376			
80	Total				\$184,509,774	101.8%	\$0.0177
81							
82	<b>LL</b>						
83	CC	(\$1.79)	\$67.07	\$3,373,286			
84	SMSC		\$23.76	\$1,195,009			
85	SV DFC (kW)	1.021	\$6.13	\$134,007,532			
86	PV DFC (kW)	1.021	\$4.07	\$3,139,077			
87	PV TRC (kW)		\$0.24	\$112,241			
88	IEDT (kWh)		\$0.00116	\$11,161,019			
89	Total				\$152,988,164	101.8%	\$0.0159
90							
91	<b>VLL</b>						
92	CC	(\$1.79)	\$603.92	\$13,570,686			
93	SMSC		\$23.75	\$533,686			
94	SV DFC (kW)	1.021	\$6.00	\$180,682,542			
95	PV DFC (kW)	1.021	\$4.78	\$43,040,243			
96	PV TRC (kW)		\$0.25	\$1,420,072			
97	IEDT (kWh)		\$0.00116	\$20,978,182			
98	Total				\$260,225,411	101.8%	\$0.0144

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	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB N2				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	<b>Nonresidential</b>	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				= (B) by Class	= (C) x NRR/EC		
8	<b>ELL</b>						
9	Customer	593	\$647,147				
10	Meter	593	\$32,308				
11	SV Dist	3,328,921	\$18,867,441				
12	PV Dist	4,140,025	\$20,804,575				
13	PV Tr	2,511,427	\$717,836				
14	IEDT	3,890,027,412	\$4,510,506				
15	Total			\$45,579,813	\$45,579,813		
16							
17	<b>HV</b>						
18	Customer	925	\$395,792				
19	Meter	925	\$40,326				
20	SV Dist	31,700	\$188,756				
21	PV Dist	214,355	\$853,980				
22	HV Dist ≤ 10 MW	756,726	\$146,665				
23	HV Dist > 10 MW	9,103,888	\$1,895,642				
24	PV TR	50,157	\$15,930				
25	HV Tr ≤ 10 MW	474,680	\$1,554,053				
26	HV Tr > 10 MW	6,985,623	\$6,407,112				
27	IEDT	5,559,330,908	\$6,446,071				
28	Total			\$17,944,327	\$17,944,327		
29							
30	<b>RR</b>						
31	Customer	24	\$118,786				
32	Meter	24	\$2,866				
33	Dist	1,416,159	\$4,986,646				
34	IEDT	554,129,868	\$642,516				
35	Total			\$5,750,814	\$5,750,814		
36							
37	Total						
38	Nonresidential			\$984,355,130	\$984,355,130		
39	Bills	4,364,251					
40	kWh	60,008,021,465					
41	Customer Costs		\$76,185,518				
42	Meter Costs		\$39,652,549				
43	Distribution Costs		\$798,937,471				
44	IEDT Costs		\$69,579,592				

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	A	B	C	D	E	F	G
45							
46	DELIVERY SERVICE CHARGES COMPUTATION: TAB N2						
47			Unit		Total	As a % of	Overall
48	<b>Nonresidential</b>	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
49	Delivery	-----	-----	-----	-----	-----	-----
50	Class	(E)	(F)	(G)	(H)	(J)	(K)
51				= (A)x(F)	= (G) by Class	= (H)/(D)	= (H)/(A kWh)
52	<b>ELL</b>						
53	CC	\$0.11	\$1,091.42	\$647,212			
54	SMSC		\$54.48	\$32,307			
55	SV DFC (kW)	0.64	\$3.63	\$12,083,983			
56	PV DFC (kW)	0.7114	\$3.57	\$14,779,889			
57	PV TRC (kW)		\$0.29	\$728,314			
58	IEDT (kWh)		\$0.00116	\$4,512,432		OK	
59	Total	1.0043			\$32,784,137	71.9%	0.0084
60						71.9%	
61	<b>HV</b>						
62	CC	\$0.11	\$427.99	\$395,891			
63	SMSC		\$43.60	\$40,330			
64	SV DFC (kW)		\$5.95	\$188,615			
65	PV DFC (kW)		\$3.98	\$853,133			
66	HV DFC ≤ 10 MW (kW)		\$0.19	\$143,778			
67	HV DFC > 10 MW (kW)		\$0.21	\$1,911,816			
68	PV TRC (kW)		\$0.32	\$16,050			
69	HV TRC ≤ 10 MW (kW)	0.7663	\$2.51	\$1,191,447			
70	HV TRC > 10 MW (kW)	0.6487	\$0.59	\$4,121,518			
71	IEDT (kWh)		\$0.00116	\$6,448,824		OK	
72	Total	1.0129			\$15,311,402	85.3%	0.0028
73						85.3%	
74	<b>RR</b>						
75	CC	\$470.10	\$5,419.52	\$130,068			
76	SMSC		\$119.42	\$2,866			
77	DFC (kW)	0.8278	\$2.91	\$4,121,023			
78	IEDT (kWh)		\$0.00116	\$642,791		OK	
79	Total	0.9999			\$4,896,748	85.1%	0.0088
80						85.1%	
81							
82							
83	Total Nonresidential				\$984,360,297	100.0%	0.0164

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1			EMBEDDED COST OF SERVICE INFORMATION: TAB L				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	<b>Lighting</b>	Units	Costs	Costs	Revenue	Allocator	
5	Delivery	-----	-----	-----	-----	-----	
6	Class	(A)	(B)	(C)	(D)	(E)	
7				=(B) by Class	=(C) x NRR/EC		
8	<b>FIL</b>						
9	Customer		\$862,446				
10	Dist		\$13,682,228				
11	IEDT	158,772,279	\$184,097				
12	Municipal						
13	MV-100 W	238,004				3.22999%	
14	MV-175 W	603,969				8.31468%	
15	MV-250 W	98,156				1.42355%	
16	MV-400 W	108,190				1.79695%	
17	HPS-70 W	17,149				0.25905%	
18	HPS-100 W	236,440				3.66596%	
19	HPS-150 W	264,174				4.10362%	
20	HPS-250 W	165,672				2.88136%	
21	HPS-400 W	27,855				0.53422%	
22	HPS-1,000 W	1,907				0.09268%	
23	Bracket ≤ 8 feet	913,319				29.22965%	
24	Bracket > 8 feet	630,834				27.04948%	
25	Lum Post Top	62,917				3.02962%	
26	Lum Acorn	14,843				0.82094%	
27	Private						
28	MV-175 W	120,021				5.03358%	
29	MV-400 W	45,033				1.94576%	
30	HPSF-100 W	26,590				0.94715%	
31	HPSF-250 W	129,555				4.76597%	
32	HPSC-100 W	5,897				0.25305%	
33	HPSC-150 W	13,843				0.62273%	
34	Total			\$14,728,771	\$14,728,771		
35							
36	<b>DDL</b>						
37	Customer		\$819,936				
38	Meter	569,516,945	\$489,131				
39	Dist	569,516,945	\$2,166,583				
40	IEDT	569,516,945	\$660,358				
41	Total			\$4,136,008	\$4,136,008		
42							
43	<b>GL</b>						
44	Customer		\$170,510				
45	Meter	65,521,104	\$42,779				
46	Dist	65,521,104	\$621,759				
47	IEDT	65,521,104	\$75,972				
48	Total			\$911,020	\$911,020		
49							

	A	B	C	D	E	F	G
50	Total Lighting	793,810,328		\$19,775,799	\$19,775,799		
51	Customer Costs		\$1,852,892				
52	Meter Costs		\$531,910				
53	Distribution Costs		\$16,470,570				
54	IEDT Costs		\$920,427				
55				EC			
56	Total Company	88,042,754,289		\$2,367,567,000	\$2,367,567,000		
57	Customer Costs		\$505,701,721				
58	Meter Costs		\$181,259,473				
59	Distribution Costs		\$1,578,519,806				
60	IEDT Costs		\$102,086,000				

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61							
62	DELIVERY SERVICE CHARGES COMPUTATION: TAB L						
63	<b>Lighting</b>		Unit		Total	As a % of	Overall
64	Delivery	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
65	Class	-----	-----	-----	-----	-----	-----
66		(F)	(G)	(H)	(J)	(K)	(L)
67	<b>FIL</b>			=(A)x(G)	=(H) by Class	=(J)/(D)	=(J)/(A kWh)
68	Municipal (Fix)						
69	MV-100 W		\$1.97	\$468,868			
70	MV-175 W		\$2.00	\$1,207,938			
71	MV-250 W		\$2.11	\$207,109			
72	MV-400 W		\$2.42	\$261,820			
73	HPS-70 W		\$2.20	\$37,728			
74	HPS-100 W		\$2.26	\$534,354			
75	HPS-150 W		\$2.26	\$597,033			
76	HPS-250 W		\$2.53	\$419,150			
77	HPS-400 W		\$2.79	\$77,715			
78	HPS-1,000 W		\$7.07	\$13,482			
79	Bracket ≤ 8 feet		\$4.65	\$4,246,933			
80	Bracket > 8 feet		\$6.24	\$3,936,404			
81	Lum Post Top		\$7.00	\$440,419			
82	Lum Acorn		\$8.04	\$119,338			
83	Private (Fix)						
84	MV-175 W		\$6.10	\$732,128			
85	MV-400 W		\$6.28	\$282,807			
86	HPSF-100 W		\$5.18	\$137,736			
87	HPSF-250 W		\$5.35	\$693,119			
88	HPSC-100 W		\$6.24	\$36,797			
89	HPSC-150 W		\$6.54	\$90,533			
90	IEDT (kWh)		\$0.00116	\$184,176			
91	Total				\$14,725,587	100.0%	\$0.0927
92							
93	<b>DDL</b>						
94	SMSC		\$0.00086	\$489,785			
95	DFC (kWh)		\$0.00524	\$2,984,269			
96	IEDT (kWh)		\$0.00116	\$660,640			
97	Total				\$4,134,694	100.0%	\$0.0073
98							
99	<b>GL</b>						
100	SMSC		\$0.00065	\$42,589			
101	DFC (kWh)		\$0.01209	\$792,150			
102	IEDT (kWh)		\$0.00116	\$76,004			
103	Total				\$910,743	100.0%	\$0.0139
104							
105	Total Lighting				\$19,771,024	100.0%	\$0.0249
106							
107	Total						
108	Company				\$2,367,567,000	100.0%	\$0.0269
109					\$2,367,567,000	NRR	
110					\$0		
111					OK		