

OFFICIAL FILE

I.C.C. DOCKET NO. 12-0321
ComEd Exhibit No. 10.10

Witness _____
 Date 9/25/12 Reporter _____

ICC Dkt. No. 12-0321
 ComEd Ex. 10.10
 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	Residential	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				=(B) by Class	=(C) x NRR/EC		
8	SFNH						
9	Customer	26,773,557	\$291,749,404				
10	Meter	26,773,557	\$73,615,261				
11	Dist	20,903,861,865	\$488,319,625				
12	IEDT	20,903,861,865	\$24,930,943				
13	Total			\$790,087,231	\$790,087,232		
14							
15	MFNH						
16	Customer	12,400,314	\$71,248,033				
17	Meter	12,400,314	\$35,491,863				
18	Dist	4,459,035,047	\$401,175,970				
19	IEDT	4,459,035,047	\$5,322,924				
20	Total			\$217,232,285	\$217,232,285		
21							
22	SFH						
23	Customer	419,633	\$9,365,342				
24	Meter	419,633	\$1,097,632				
25	Dist	759,158,380	\$9,938,140				
26	IEDT	759,158,380	\$976,135				
27	Total			\$15,087,219	\$15,087,219		
28							
29	MFH						
30	Customer	1,889,831	\$11,285,103				
31	Meter	1,889,831	\$3,131,094				
32	Dist	1,600,747,064	\$47,366,244				
33	IEDT	1,600,747,064	\$1,210,653				
34	Total			\$36,183,474	\$36,183,474		
35							
36	Total Residential			\$1,058,590,209	\$1,058,590,210		
37	Bills	41,483,335					
38	kWh	27,722,802,356					
39	Customer Costs		\$290,629,937				
40	Meter Costs		\$115,327,865				
41	Distribution Costs		\$619,542,346				
42	IEDT Costs		\$33,090,061				
43							

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	A	B	C	D	E	F	G
44			DELIVERY SERVICE CHARGES COMPUTATION: TAB R				
45			Unit		Total	As a % of	Overall
46	Residential	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	SFNH						
51	CC	\$0.01	\$11.52	\$308,431,377			
52	SMSC		\$2.78	\$74,430,488			
53	DFC (kWh)	\$0.00001	\$0.01829	\$382,331,634			
54	IEDT (kWh)		\$0.00119	\$24,875,596			
55	Total				\$790,069,095	100.0%	\$0.0378
56							
57	MFNH						
58	CC		\$5.76	\$71,425,809			
59	SMSC		\$2.78	\$34,472,873			
60	DFC (kWh)	\$0.00002	\$0.02378	\$106,035,853			
61	IEDT (kWh)		\$0.00119	\$5,306,252			
62	Total				\$217,240,787	100.0%	\$0.0487
63							
64	SFH						
65	CC	\$0.01	\$14.13	\$5,929,414			
66	SMSC		\$2.78	\$1,166,580			
67	DFC (kWh)		\$0.00934	\$7,090,539			
68	IEDT (kWh)		\$0.00119	\$903,398			
69	Total				\$15,089,931	100.0%	\$0.0199
70							
71	MFH						
72	CC		\$6.29	\$11,887,037			
73	SMSC		\$2.78	\$5,253,730			
74	DFC (kWh)		\$0.01071	\$17,144,001			
75	IEDT (kWh)		\$0.00119	\$1,904,889			
76	Total				\$36,189,657	100.0%	\$0.0226
77							
78	Total Residential				\$1,058,589,470	100.0%	\$0.0382

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	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB N1				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	Nonresidential	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				=(B) by Class	=(C) x NRR/EC		
8	WH						
9	Customer	1,138,000	\$10,242,320				
10	Meter	1,138,000	\$2,754,084				
11	Dist	494,124,658	\$8,351,095				
12	IEDT	494,124,658	\$589,739				
13	Total			\$21,887,309	\$21,887,309		
14							
15	SL						
16	Customer	2,940,473	\$26,490,511				
17	Meter	2,940,473	\$24,335,604				
18	SV Dist	39,199,797	\$174,215,004				
19	PV Dist	23,453	\$74,206				
20	PV Tr	44,334	\$12,434				
21	IEDT	11,505,613,541	\$13,733,338				
22	Total			\$241,463,004	\$241,463,004		
23							
24	ML						
25	Customer	208,366	\$2,573,236				
26	Meter	208,366	\$6,745,690				
27	SV Dist	26,202,243	\$125,531,157				
28	PV Dist	426,063	\$1,075,633				
29	PV Tr	311,185	\$49,358				
30	IEDT	10,495,073,545	\$12,526,273				
31	Total			\$145,548,107	\$145,548,107		
32							
33	LL						
34	Customer	50,481	\$6,090,444				
35	Meter	50,481	\$969,704				
36	SV Dist	22,107,936	\$103,673,659				
37	PV Dist	791,365	\$2,574,708				
38	PV Tr	477,809	\$83,056				
39	IEDT	9,573,761,752	\$11,552,637				
40	Total			\$121,886,100	\$121,886,100		
41							
42	VLL						
43	Customer	22,586	\$12,470,044				
44	Meter	22,586	\$433,219				
45	SV Dist	30,735,213	\$144,793,514				
46	PV Dist	9,211,953	\$31,282,473				
47	PV Tr	5,623,609	\$1,073,368				
48	IEDT	13,251,750,331	\$21,321,191				
49	Total			\$213,857,109	\$213,857,109		

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	A	B	C	D	E	F	G
50							
51	DELIVERY SERVICE CHARGES COMPUTATION: TAB N1						
52			Unit		Total	As a % of	Overall
53	Nonresidential	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	WH						
58	CC		\$6.94	\$7,897,720			
59	SMSC		\$2.42	\$2,753,960			
60	DFC (kWh)		\$0.02155	\$10,648,386			
61	IEDT (kWh)		\$0.00119	\$588,008			
62	Total				\$21,888,074	100.0%	\$0.0443
63							
64	SL						
65	CC		\$10.00	\$29,404,730			
66	SMSC		\$8.28	\$24,347,116			
67	SV DFC (kW)	1.022	\$4.56	\$178,748,338			
68	PV DFC (kW)	1.022	\$1.99	\$75,696			
69	PV TRC (kW)		\$0.84	\$12,461			
70	IEDT (kWh)		\$0.00119	\$13,691,925			
71	Total				\$246,280,266	102.0%	\$0.0214
72							
73	ML						
74	CC		\$13.53	\$2,819,192			
75	SMSC		\$17.98	\$3,746,421			
76	SV DFC (kW)	1.022	\$4.55	\$128,327,508			
77	PV DFC (kW)	1.022	\$2.58	\$1,099,243			
78	PV TRC (kW)		\$0.13	\$40,454			
79	IEDT (kWh)		\$0.00119	\$12,489,144			
80	Total				\$148,521,962	102.0%	\$0.0142
81							
82	LL						
83	CC		\$65.08	\$3,285,303			
84	SMSC		\$19.15	\$966,711			
85	SV DFC (kW)	1.022	\$4.79	\$105,897,013			
86	PV DFC (kW)	1.022	\$3.33	\$2,635,146			
87	PV TRC (kW)		\$0.17	\$81,226			
88	IEDT (kWh)		\$0.00119	\$11,517,750			
89	Total				\$124,383,149	102.0%	\$0.0129
90							
91	VLL						
92	CC		\$579.86	\$13,096,718			
93	SMSC		\$19.18	\$433,199			
94	SV DFC (kW)	1.022	\$4.86	\$147,915,281			
95	PV DFC (kW)	1.022	\$3.69	\$33,992,125			
96	PV TRC (kW)		\$0.18	\$1,048,248			
97	IEDT (kWh)		\$0.00119	\$21,755,295			
98	Total				\$218,240,866	102.0%	\$0.0119

	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB N2				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	Nonresidential	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				=(B) by Class	=(C) x NRR/EC		
8	ELL						
9	Customer	609	\$593,390				
10	Meter	609	\$27,917				
11	SV Dist	3,538,784	\$13,159,952				
12	PV Dist	4,252,168	\$17,641,442				
13	PV Tr	2,553,456	\$565,910				
14	IEDT	3,984,241,324	\$4,756,424				
15	Total			\$41,714,965	\$41,714,965		
16							
17	HV						
18	Customer	890	\$346,631				
19	Meter	890	\$30,782				
20	SV Dist	10,379	\$193,462				
21	PV Dist	175,974	\$672,491				
22	HV Dist ≤ 10 MW	487,341	\$103,936				
23	HV Dist > 10 MW	8,513,947	\$1,570,620				
24	PV TR	492,211	\$13,142				
25	HV Tr ≤ 10 MW	215,367	\$763,029				
26	HV Tr > 10 MW	6,791,099	\$4,341,319				
27	IEDT	5,513,891,293	\$6,581,524				
28	Total			\$15,234,129	\$15,234,129		
29							
30	RR						
31	Customer	24	\$93,460				
32	Meter	24	\$2,131				
33	Dist	1,396,618	\$4,060,427				
34	IEDT	512,255,298	\$611,430				
35	Total			\$4,772,498	\$4,772,498		
36							
37	Total						
38	Nonresidential			\$806,363,221	\$806,363,222		
39	Bills	4,361,429					
40	kWh	60,466,753,283					
41	Customer Costs		\$57,859,996				
42	Meter Costs		\$32,296,178				
43	Distribution Costs		\$644,033,661				
44	IEDT Costs		\$72,173,386				

	A	B	C	D	E	F	G
45							
46	DELIVERY SERVICE CHARGES COMPUTATION: TAB N2						
47			Unit		Total	As a % of	Overall
48	Nonresidential	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	ELL						
53	CC	0.019	\$990.73	\$603,355			
54	SMSC		\$45.84	\$27,917			
55	SV DFC (kW)	0.6381	\$3.27	\$11,570,179			
56	PV DFC (kW)	0.7093	\$2.94	\$12,504,305			
57	PV TRC (kW)		\$0.19	\$543,107			
58	IEDT (kWh)		\$0.00119	\$4,742,080		OK	
59	Total	1.0043			\$29,990,943	71.9%	0.0075
60						71.9%	
61	HV						
62	CC	0.09	\$389.56	\$346,708			
63	SMSC		\$34.59	\$30,785			
64	SV DFC (kW)		\$3.20	\$193,194			
65	PV DFC (kW)		\$3.83	\$673,969			
66	HV DFC ≤ 10 MW (kW)		\$0.22	\$107,215			
67	HV DFC > 10 MW (kW)		\$0.19	\$1,616,585			
68	PV TRC (kW)		\$0.27	\$13,298			
69	HV TRC ≤ 10 MW (kW)	0.6986	\$2.18	\$536,034			
70	HV TRC > 10 MW (kW)	0.5915	\$0.43	\$2,920,560			
71	IEDT (kWh)		\$0.00119	\$6,561,650		OK	
72	Total	0.9235			\$12,999,998	85.3%	0.0024
73						85.3%	
74	RR						
75	CC	0.14	\$4,102.64	\$98,463			
76	SMSC		\$90.88	\$2,181			
77	DFC (kW)	0.8267	\$2.47	\$3,350,846			
78	IEDT (kWh)		\$0.00119	\$609,584		OK	
79	Total	0.9235			\$4,061,074	85.1%	0.0079
80						85.1%	
81							
82							
83	Total Nonresidential				\$806,366,332	100.0%	0.0133

	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB L				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	Lighting	Units	Costs	Costs	Revenue	Allocator	
5	Delivery	-----	-----	-----	-----	-----	
6	Class	(A)	(B)	(C)	(D)	(E)	
7				=(B) by Class	=(C) x NRR/EC		
8	FIL						
9	Customer		\$629,345				
10	Dist		\$19,747,657				
11	IEDT	158,238,736	\$138,874				
12	Municipal						
13	MV-100 W	237,954				3.26%	
14	MV-175 W	603,042				8.20%	
15	MV-250 W	83,573				1.14%	
16	MV-400 W	102,451				1.36%	
17	HPS-70 W	17,037				0.23%	
18	HPS-100 W	234,953				3.18%	
19	HPS-150 W	254,735				3.42%	
20	HPS-250 W	165,025				2.21%	
21	HPS-400 W	213,202				2.85%	
22	HPS-1,000 W	1,724				0.02%	
23	Bracket ≤ 8 feet	303,749				4.07%	
24	Bracket > 8 feet	334,703				4.45%	
25	Lum Post Top	61,521				0.82%	
26	Lum Acorn	44,744				0.59%	
27	Private						
28	MV-175 W	147,651				1.97%	
29	MV-400 W	44,327				0.59%	
30	HPSF-100 W	23,001				0.31%	
31	HPSF-250 W	25,261				0.34%	
32	HPSC-100 W	5,510				0.07%	
33	HPSC-150 W	13,149				0.18%	
34	Total			\$11,556,846	\$11,556,846		
35							
36	DDL						
37	Customer		\$571,530				
38	Meter	560,987,788	\$372,393				
39	Dist	560,987,788	\$1,721,493				
40	IEDT	560,987,788	\$569,536				
41	Total			\$3,335,640	\$3,335,640		
42							
43	GL						
44	Customer		\$409,957				
45	Meter	65,415,705	\$35,976				
46	Dist	65,415,705	\$50,669				
47	IEDT	65,415,705	\$78,036				
48	Total			\$732,082	\$732,082		
49							
50	Total Lighting	784,641,788		\$15,624,568	\$15,624,568		
51	Customer Costs		\$1,311,302				
52	Meter Costs		\$406,895				
53	Distribution Costs		\$12,969,819				
54	IEDT Costs		\$936,552				

	A	B	C	D	E	F	G
55				EC			
56	Total Company	88,974,197,427		\$1,880,577,998	\$1,880,578,000		
57	Customer Costs		\$349,801,235				
58	Meter Costs		\$148,030,938				
59	Distribution Costs		\$1,276,545,826				
60	IEDT Costs		\$106,199,999				

	A	B	C	D	E	F	G
61							
62	DELIVERY SERVICE CHARGES COMPUTATION: TAB L						
63	Lighting		Unit		Total	As a % of	Overall
64	Delivery	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
65	Class	-----	-----	-----	-----	-----	-----
66		(F)	(G)	(H)	(J)	(K)	(L)
67	FIL			= (A)x(G)	= (H) by Class	= (J)/(D)	= (L)/(A kWh)
68	Municipal (Fix)						
69	MV-100 W		\$1.53	\$364,116			
70	MV-175 W		\$1.55	\$934,715			
71	MV-250 W		\$1.66	\$163,635			
72	MV-400 W		\$1.95	\$211,557			
73	HPS-70 W		\$1.73	\$29,561			
74	HPS-100 W		\$1.83	\$429,937			
75	HPS-150 W		\$1.82	\$481,927			
76	HPS-250 W		\$2.10	\$346,553			
77	HPS-400 W		\$2.34	\$65,993			
78	HPS-1,000 W		\$6.59	\$11,361			
79	Bracket ≤ 8 feet		\$3.54	\$3,220,511			
80	Bracket > 8 feet		\$5.06	\$3,211,597			
81	Lum Post Top		\$3.55	\$218,435			
82	Lum Acorn		\$5.87	\$86,354			
83	Private (Fix)						
84	MV-175 W		\$4.38	\$516,187			
85	MV-400 W		\$5.13	\$227,398			
86	HPSF-100 W		\$4.72	\$122,725			
87	HPSF-250 W		\$5.06	\$633,922			
88	HPSC-100 W		\$4.86	\$27,265			
89	HPSC-150 W		\$5.01	\$65,876			
90	IEDT (kWh)		\$0.00119	\$188,304			
91	Total				\$11,557,929	100.0%	\$0.0730
92							
93	DDL						
94	SMSC		\$0.00066	\$370,252			
95	DFC (kWh)		\$0.00409	\$2,294,440			
96	IEDT (kWh)		\$0.00119	\$667,575			
97	Total				\$3,332,267	99.9%	\$0.0059
98							
99	GL						
100	SMSC		\$0.00052	\$34,016			
101	DFC (kWh)		\$0.00948	\$620,141			
102	IEDT (kWh)		\$0.00119	\$77,845			
103	Total				\$732,002	100.0%	\$0.0112
104							
105	Total Lighting				\$15,622,198	100.0%	\$0.0199
106							
107	Total						
108	Company				\$1,880,578,000	100.0%	\$0.0211
109					\$1,880,578,000	NRR	
110					\$0		
111					OK		