Rate Design for IIEC Revised ECOSS and 100% Revenue Responsibility

	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	26,785,841	$290,483,592				
10	Meter	26,785,841	$90,596,947				
11	Dist	20,471,628,554	$634,698,619				
12	IEDT	20,471,628,554	$23,736,952				
13	Total			$1,039,516,110	$1,039,516,109		
14							
15	**MFNH**						
16	Customer	12,498,046	$107,611,155				
17	Meter	12,498,046	$42,329,655				
18	Dist	4,425,830,554	$131,320,553				
19	IEDT	4,425,830,554	$5,131,772				
20	Total			$286,393,135	$286,393,135		
21							
22	**SFH**						
23	Customer	419,990	$4,976,015				
24	Meter	419,990	$1,418,135				
25	Dist	750,453,895	$12,366,173				
26	IEDT	750,453,895	$870,155				
27	Total			$19,630,478	$19,630,478		
28							
29	**MFH**						
30	Customer	1,912,183	$17,067,477				
31	Meter	1,912,183	$6,464,589				
32	Dist	1,593,009,493	$26,478,434				
33	IEDT	1,593,009,493	$1,847,102				
34	Total			$51,857,602	$51,857,602		
35							
36	Total Residential			$1,397,397,325	$1,397,397,324		
37	Bills	41,616,060					
38	kWh	27,240,922,496					
39	Customer Costs		$420,138,239				
40	Meter Costs		$140,809,326				
41	Distribution Costs		$804,863,779				
42	IEDT Costs		$31,585,981				
43							

	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		$15.58	$417,323,403			
52	SMSC		$3.38	$90,536,143			
53	DFC (kWh)		$0.02481	$507,901,104			
54	IEDT (kWh)		$0.00116	$23,747,089			
55	Total				$1,039,507,739	100.0%	$0.0508
56							
57	**MFNH**						
58	CC		$7.87	$98,359,622			
59	SMSC		$3.38	$42,243,395			
60	DFC (kWh)	$0.00001	$0.03178	$140,652,895			
61	IEDT (kWh)		$0.00116	$5,133,963			
62	Total				$286,389,875	100.0%	$0.0647
63							
64	**SFH**						
65	CC		$18.95	$7,958,811			
66	SMSC		$3.38	$1,419,566			
67	DFC (kWh)		$0.01250	$9,380,674			
68	IEDT (kWh)		$0.00116	$870,527			
69	Total				$19,629,578	100.0%	$0.0262
70							
71	**MFH**						
72	CC		$9.70	$18,548,175			
73	SMSC		$3.38	$6,463,179			
74	DFC (kWh)		$0.01570	$25,010,249			
75	IEDT (kWh)		$0.00116	$1,847,891			
76	Total				$51,869,494	100.0%	$0.0326
77							
78	Total Residential				$1,397,396,686	100.0%	$0.0513

Rate Design for IIEC Revised ECOSS and 100% Revenue Responsibility

	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	1,103,130	$13,790,835				
10	Meter	1,103,130	$3,153,109				
11	Dist	453,085,296	$10,304,121				
12	IEDT	453,085,296	$525,355				
13	Total			$27,773,420	$27,773,420		
14							
15	**SL**						
16	Customer	2,979,120	$40,141,041				
17	Meter	2,979,120	$28,127,879				
18	SV Dist	38,648,346	$224,716,281				
19	PV Dist	46,890	$89,124				
20	PV Tr	18,844	$4,296				
21	IEDT	11,437,156,848	$13,261,439				
22	Total			$306,340,060	$306,340,060		
23							
24	**ML**						
25	Customer	207,693	$3,486,068				
26	Meter	207,693	$4,393,139				
27	SV Dist	27,601,586	$143,176,929				
28	PV Dist	458,796	$1,260,337				
29	PV Tr	331,941	$62,034				
30	IEDT	10,408,083,027	$12,068,223				
31	Total			$164,446,730	$164,446,730		
32							
33	**LL**						
34	Customer	50,295	$3,422,464				
35	Meter	50,295	$1,097,444				
36	SV Dist	21,860,935	$112,800,891				
37	PV Dist	771,272	$2,593,901				
38	PV Tr	467,672	$110,087				
39	IEDT	9,621,568,523	$11,156,255				
40	Total			$131,181,042	$131,181,042		
41							
42	**VLL**						
43	Customer	22,471	$13,386,944				
44	Meter	22,471	$493,002				
45	SV Dist	30,113,757	$152,099,197				
46	PV Dist	9,004,235	$35,498,863				
47	PV Tr	5,680,289	$1,407,582				
48	IEDT	18,084,639,583	$20,969,227				
49	Total			$223,854,815	$223,854,815		
50							

Rate Design for IIEC Revised ECOSS and 100% Revenue Responsibility

	A	B	C	D	E	F	G
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		$9.49	$10,468,704			
59	SMSC		$2.86	$3,154,952			
60	DFC (kWh)		$0.03007	$13,624,275			
61	IEDT (kWh)		$0.00116	$525,579			
62	Total				$27,773,510	100.0%	$0.0613
63							
64	**SL**						
65	CC	$0.06	$13.53	$40,307,494			
66	SMSC		$9.44	$28,122,893			
67	SV DFC (kW)		$5.81	$224,546,890			
68	PV DFC (kW)		$1.90	$89,091			
69	PV TRC (kW)		$0.23	$4,334			
70	IEDT (kWh)		$0.00116	$13,267,102			
71	Total				$306,337,804	100.0%	$0.0268
72							
73	**ML**						
74	CC	($0.37)	$16.41	$3,408,242			
75	SMSC		$21.15	$4,392,707			
76	SV DFC (kW)		$5.19	$143,252,231			
77	PV DFC (kW)		$2.75	$1,261,689			
78	PV TRC (kW)		$0.19	$63,069			
79	IEDT (kWh)		$0.00116	$12,073,376			
80	Total				$164,451,314	100.0%	$0.0158
81							
82	**LL**						
83	CC	($0.10)	$67.95	$3,417,545			
84	SMSC		$21.82	$1,097,437			
85	SV DFC (kW)		$5.16	$112,802,425			
86	PV DFC (kW)		$3.36	$2,591,474			
87	PV TRC (kW)		$0.24	$112,241			
88	IEDT (kWh)		$0.00116	$11,161,019			
89	Total				$131,182,141	100.0%	$0.0136
90							
91	**VLL**						
92	CC	$1.15	$596.89	$13,412,715			
93	SMSC		$21.94	$493,014			
94	SV DFC (kW)		$5.05	$152,074,473			
95	PV DFC (kW)		$3.94	$35,476,686			
96	PV TRC (kW)		$0.25	$1,420,072			
97	IEDT (kWh)		$0.00116	$20,978,182			
98	Total				$223,855,142	100.0%	$0.0124

Rate Design for IIEC Revised ECOSS and 100% Revenue Responsibility

	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	593	$636,630				
10	Meter	593	$27,186				
11	SV Dist	3,328,921	$16,225,555				
12	PV Dist	4,140,025	$17,531,435				
13	PV Tr	2,511,427	$708,093				
14	IEDT	3,890,027,412	$4,510,506				
15	Total			$39,639,405	$39,639,405		
16							
17	**HV**						
18	Customer	925	$395,457				
19	Meter	925	$30,369				
20	SV Dist	31,700	$163,428				
21	PV Dist	214,355	$719,653				
22	HV Dist ≤ 10 MW	756,726	$144,650				
23	HV Dist > 10 MW	9,103,888	$1,869,572				
24	PV TR	50,157	$15,715				
25	HV Tr ≤ 10 MW	474,680	$1,534,390				
26	HV Tr > 10 MW	6,985,623	$6,326,145				
27	IEDT	5,559,330,908	$6,446,071				
28	Total			$17,645,450	$17,645,450		
29							
30	**RR**						
31	Customer	24	$116,732				
32	Meter	24	$2,266				
33	Dist	1,416,159	$4,095,241				
34	IEDT	554,129,868	$642,516				
35	Total			$4,856,755	$4,856,755		
36							
37	Total						
38	Nonresidential			$915,737,677	$915,737,676		
39	Bills	4,364,251					
40	kWh	60,008,021,465					
41	Customer Costs		$75,376,171				
42	Meter Costs		$37,324,394				
43	Distribution Costs		$733,457,520				
44	IEDT Costs		$69,579,592				
45							

	A	B	C	D	E	F	G
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	$60.04	$1,133.62	$672,237			
54	SMSC		$45.84	$27,183			
55	SV DFC (kW)		$4.87	$16,211,845			
56	PV DFC (kW)		$4.23	$17,512,306			
57	PV TRC (kW)		$0.28	$703,200			
58	IEDT (kWh)		$0.00116	$4,512,432			
59	Total				$39,639,203	100.0%	0.0102
60							
61	**HV**						
62	CC	($79.97)	$347.55	$321,484			
63	SMSC		$32.83	$30,368			
64	SV DFC (kW)		$5.16	$163,572			
65	PV DFC (kW)		$3.36	$720,233			
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)		$0.31	$15,549			
69	HV TRC ≤ 10 MW (kW)		$3.23	$1,533,216			
70	HV TRC > 10 MW (kW)		$0.91	$6,356,917			
71	IEDT (kWh)		$0.00116	$6,448,824			
72	Total				$17,645,757	100.0%	0.0032
73							
74	**RR**						
75	CC	$94.64	$4,958.47	$119,003			
76	SMSC		$94.42	$2,266			
77	DFC (kW)		$2.89	$4,092,700			
78	IEDT (kWh)		$0.00116	$642,791			
79	Total				$4,856,760	100.0%	0.0088
80							
81							
82							
83	Total Nonresidential				$915,741,631	100.0%	0.0153

	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		$844,592				
10	Dist		$14,046,532				
11	IEDT	158,772,279	$184,097				
12	Municipal						
13	LED-50-60 W	180				0.0000380	
14	MV-100 W	238,004				0.0423200	
15	MV-175 W	603,789				0.1087069	
16	MV-250 W	98,156				0.0184515	
17	MV-400 W	108,190				0.0221130	
18	HPS-70 W	17,149				0.0032877	
19	HPS-100 W	236,440				0.0461298	
20	HPS-150 W	264,174				0.0515845	
21	HPS-250 W	165,672				0.0350618	
22	HPS-400 W	27,855				0.0063490	
23	HPS-1,000 W	1,907				0.0009680	
24	Bracket ≤ 8 feet	913,319				0.2556619	
25	Bracket > 8 feet	630,834				0.2365927	
26	Lum Post Top	62,917				0.0264991	
27	Lum Acorn	14,843				0.0071805	
28	Private						
29	LED-50-60 W	60				0.0000296	
30	MV-175 W	119,961				0.0511581	
31	MV-400 W	45,033				0.0197717	
32	HPSF-100 W	26,590				0.0098662	
33	HPSF-250 W	129,555				0.0493965	
34	HPSC-100 W	5,897				0.0025641	
35	HPSC-150 W	13,843				0.0062691	
36	Total			$15,075,221	$15,075,221		
37							
38	**DDL**						
39	Customer		$803,318				
40	Meter	569,516,945	$472,446				
41	Dist	569,516,945	$3,248,931				
42	IEDT	569,516,945	$660,358				
43	Total			$5,185,053	$5,185,053		
44							
45	**GL**						
46	Customer		$167,488				
47	Meter	65,521,104	$40,817				
48	Dist	65,521,104	$650,449				
49	IEDT	65,521,104	$75,972				
50	Total			$934,726	$934,726		
51							

	A	B	C	D	E	F	G
52	Total Lighting	793,810,328		$21,195,000	$21,195,000		
53	Customer Costs		$1,815,398				
54	Meter Costs		$513,263				
55	Distribution Costs		$17,945,912				
56	IEDT Costs		$920,427				
57				EC			
58	Total Company	88,042,754,289		$2,334,330,002	$2,334,330,000		
59	Customer Costs		$497,329,808				
60	Meter Costs		$178,646,983				
61	Distribution Costs		$1,556,267,211				
62	IEDT Costs		$102,086,000				
63							

	A	B	C	D	E	F	G
64		DELIVERY SERVICE CHARGES COMPUTATION: TAB L					
65	**Lighting**		Unit		Total	As a % of	Overall
66	Delivery	Adj	Charges	Revenue	Revenue	EPEC	$/kWh
67	Class	----------	----------	----------	----------	----------	----------
68		(F)	(G)	(H)	(J)	(K)	(L)
69	**FIL**			=(A)x(G)	=(H) by Class	=(J)/(D)	=(J)/(A kWh)
70	Municipal (Fix)						
71	LED-50-60 W		$3.14	$565			
72	MV-100 W		$2.65	$630,711			
73	MV-175 W		$2.68	$1,618,155			
74	MV-250 W		$2.80	$274,837			
75	MV-400 W		$3.04	$328,898			
76	HPS-70 W		$2.85	$48,875			
77	HPS-100 W		$2.91	$688,040			
78	HPS-150 W		$2.91	$768,746			
79	HPS-250 W		$3.15	$521,867			
80	HPS-400 W		$3.39	$94,428			
81	HPS-1,000 W		$7.56	$14,417			
82	Bracket ≤ 8 feet		$4.17	$3,808,540			
83	Bracket > 8 feet		$5.58	$3,520,054			
84	Lum Post Top		$6.27	$394,490			
85	Lum Acorn		$7.20	$106,870			
86	Private (Fix)						
87	LED-50-60 W		$7.35	$441			
88	MV-175 W		$6.35	$761,752			
89	MV-400 W		$6.54	$294,516			
90	HPSF-100 W		$5.53	$147,043			
91	HPSF-250 W		$5.68	$735,872			
92	HPSC-100 W		$6.47	$38,154			
93	HPSC-150 W		$6.74	$93,302			
94	IEDT (kWh)		$0.00116	$184,176			
95	Total				$15,074,749	100.0%	$0.0949
96							
97	**DDL**						
98	SMSC		$0.00083	$472,699			
99	DFC (kWh)	($0.00001)	$0.00711	$4,049,265			
100	IEDT (kWh)		$0.00116	$660,640			
101	Total				$5,182,604	100.0%	$0.0091
102							
103	**GL**						
104	SMSC		$0.00062	$40,623			
105	DFC (kWh)		$0.01248	$817,703			
106	IEDT (kWh)		$0.00116	$76,004			
107	Total				$934,330	100.0%	$0.0143
108							
109	Total Lighting				$21,191,683	100.0%	$0.0267
110							
111	Total						
112	Company				$2,334,330,000	100.0%	$0.0265
113					$2,334,330,000	NRR	
114					$0		
115					OK		