

Commonwealth Edison Company
Updated Rate Design

Docket No. 15-____
ComEd Ex. 7.03
Tab: R

	1.0065		EMBEDDED COST OF SERVICE INFORMATION: TAB R			
		Annual		Total		
		Billing	Embedded	Embedded	EPEC	
Residential		Units	Costs	Costs	Revenue	
Delivery		-----	-----	-----	-----	
Class		(A)	(B)	(C)	(D)	
				= (B) by Class	= (C) x NRR/EC	
SFNH						
Customer		27,066,789	\$269,394,480			
Meter		27,066,789	\$117,886,551			
Dist		20,566,937,136	\$649,056,934			
IEDT		20,566,937,136	\$23,684,570			
Total				\$1,060,022,535	\$1,060,022,535	
MFNH						
Customer		12,820,079	\$90,349,477			
Meter		12,820,079	\$55,836,528			
Dist		4,465,479,982	\$142,364,309			
IEDT		4,465,479,982	\$5,142,378			
Total				\$293,692,692	\$293,692,692	
SFH						
Customer		423,034	\$4,810,841			
Meter		423,034	\$1,842,489			
Dist		755,915,622	\$14,157,085			
IEDT		755,915,622	\$870,501			
Total				\$21,680,916	\$21,680,916	
MFH						
Customer		1,944,369	\$14,662,193			
Meter		1,944,369	\$8,468,458			
Dist		1,617,884,916	\$32,010,554			
IEDT		1,617,884,916	\$1,863,132			
Total				\$57,004,337	\$57,004,337	
Total Residential				\$1,432,400,480	\$1,432,400,480	
Bills		42,254,271				
kWh		27,406,217,656				
Customer Costs			\$379,216,991			
Meter Costs			\$184,034,026			
Distribution Costs			\$837,588,882			
IEDT Costs			\$31,560,581			

DELIVERY SERVICE CHARGES COMPUTATION: TAB R						
	Adj	Unit Charges	Revenue	Total Revenue	As a % of EPEC	Overall \$/kWh
Delivery Class	(E)	(F)	(G)	(H)	(J)	(K)
			=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
SFNH						
CC		\$9.95	\$269,314,551			
SMSC		\$4.36	\$118,011,200			
DFC (kWh)		\$0.03156	\$649,092,536			
IEDT (kWh)		\$0.00115	\$23,651,978			
Total				\$1,060,070,265	100.0%	\$0.0515
MFNH						
CC	(\$0.01)	\$7.04	\$90,253,356			
SMSC		\$4.36	\$55,895,544			
DFC (kWh)		\$0.03188	\$142,359,502			
IEDT (kWh)		\$0.00115	\$5,135,302			
Total				\$293,643,704	100.0%	\$0.0658
SFH						
CC	\$0.01	\$11.38	\$4,814,127			
SMSC		\$4.36	\$1,844,428			
DFC (kWh)		\$0.01873	\$14,158,300			
IEDT (kWh)		\$0.00115	\$869,303			
Total				\$21,686,158	100.0%	\$0.0287
MFH						
CC		\$7.54	\$14,660,542			
SMSC		\$4.36	\$8,477,449			
DFC (kWh)	(\$0.00001)	\$0.01978	\$32,001,764			
IEDT (kWh)		\$0.00115	\$1,860,568			
Total				\$57,000,323	100.0%	\$0.0352
Total Residential				\$1,432,400,450	100.0%	\$0.0523

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	1.0054	EMBEDDED COST OF SERVICE INFORMATION: TAB N1			
	Annual Billing Units	Embedded Costs	Total Embedded Costs	EPEC Revenue	
Nonresidential					
Delivery Class	(A)	(B)	(C)	(D)	
			= (B) by Class	= (C) x NRR/EC	
WH					
Customer	1,072,031	\$11,090,068			
Meter	1,072,031	\$4,145,309			
Dist	407,140,498	\$8,130,464			
IEDT	407,140,498	\$468,857			
Total			\$23,834,698	\$23,834,698	
SL					
Customer	3,061,754	\$36,332,833			
Meter	3,061,754	\$38,125,625			
SV Dist	38,838,327	\$238,758,391			
PV Dist	45,687	\$119,480			
PV Tr	16,636	\$7,100			
IEDT	11,584,634,402	\$13,340,688			
Total			\$326,684,117	\$326,684,117	
ML					
Customer	204,519	\$3,668,728			
Meter	204,519	\$5,566,614			
SV Dist	27,298,963	\$170,732,022			
PV Dist	474,103	\$1,658,505			
PV Tr	324,852	\$55,828			
IEDT	10,341,910,453	\$11,909,586			
Total			\$193,591,283	\$193,591,283	
LL					
Customer	50,649	\$4,228,907			
Meter	50,649	\$1,431,683			
SV Dist	21,639,444	\$144,892,097			
PV Dist	865,143	\$4,383,895			
PV Tr	512,676	\$129,441			
IEDT	9,591,325,647	\$11,045,224			
Total			\$166,111,247	\$166,111,247	
VLL					
Customer	22,611	\$11,463,392			
Meter	22,611	\$645,786			
SV Dist	30,171,412	\$205,265,278			
PV Dist	9,297,788	\$50,827,114			
PV Tr	5,701,610	\$1,517,948			
IEDT	18,220,086,822	\$20,981,973			
Total			\$290,701,491	\$290,701,491	

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			Unit		Total	As a % of	Overall
			Charges	Revenue	Revenue	EPEC	\$/kWh
Nonresidential							
Delivery	-----	-----	-----	-----	-----	-----	-----
Class	(E)	(F)	(G)	(H)	(J)	(K)	
			=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)	
WH							
CC		\$10.34	\$11,084,801				
SMSC		\$3.87	\$4,148,760				
DFC (kWh)		\$0.01997	\$8,130,596				
IEDT (kWh)		\$0.00115	\$468,212				
Total				\$23,832,369	100.0%	\$0.0585	
SL							
CC	\$0.25	\$12.12	\$37,108,458				
SMSC		\$12.45	\$38,118,837				
SV DFC (kW)	1.0122	\$6.22	\$241,574,394				
PV DFC (kW)	1.0122	\$2.65	\$121,071				
PV TRC (kW)		\$0.43	\$7,153				
IEDT (kWh)		\$0.00115	\$13,322,330				
Total				\$330,252,243	101.1%	\$0.0285	
ML							
CC	\$0.50	\$18.44	\$3,771,330				
SMSC		\$27.22	\$5,567,007				
SV DFC (kW)	1.0122	\$6.33	\$172,802,436				
PV DFC (kW)	1.0122	\$3.54	\$1,678,325				
PV TRC (kW)		\$0.17	\$55,225				
IEDT (kWh)		\$0.00115	\$11,893,197				
Total				\$195,767,520	101.1%	\$0.0189	
LL							
CC	\$0.90	\$84.39	\$4,274,269				
SMSC		\$28.27	\$1,431,847				
SV DFC (kW)	1.0122	\$6.78	\$146,715,430				
PV DFC (kW)	1.0122	\$5.13	\$4,438,184				
PV TRC (kW)		\$0.25	\$128,169				
IEDT (kWh)		\$0.00115	\$11,030,024				
Total				\$168,017,923	101.1%	\$0.0175	
VLL							
CC	\$2.25	\$509.23	\$11,514,200				
SMSC		\$28.56	\$645,770				
SV DFC (kW)	1.0122	\$6.89	\$207,881,029				
PV DFC (kW)	1.0122	\$5.53	\$51,416,768				
PV TRC (kW)		\$0.27	\$1,539,435				
IEDT (kWh)		\$0.00115	\$20,953,100				
Total				\$293,950,302	101.1%	\$0.0161	

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EMBEDDED COST OF SERVICE INFORMATION: TAB N2				
	Annual		Total	
	Billing	Embedded	Embedded	EPEC
Nonresidential	Units	Costs	Costs	Revenue
Delivery	-----	-----	-----	-----
Class	(A)	(B)	(C)	(D)
			= (B) by Class	= (C) x NRR/EC
ELL				
Customer	560	\$675,052		
Meter	560	\$34,896		
SV Dist	3,032,060	\$19,402,177		
PV Dist	4,070,012	\$25,231,834		
PV Tr	2,368,619	\$673,376		
IEDT	3,722,783,077	\$4,287,100		
Total			\$50,304,435	\$50,304,435
HV				
Customer	914	\$412,900		
Meter	914	\$37,249		
SV Dist	97,168	\$532,262		
PV Dist	214,823	\$1,043,613		
HV Dist ≤ 10 MW	829,579	\$191,412		
HV Dist > 10 MW	8,500,104	\$1,879,246		
PV TR	48,895	\$16,535		
HV Tr ≤ 10 MW	560,305	\$1,490,088		
HV Tr > 10 MW	6,294,284	\$6,652,138		
IEDT	5,794,265,373	\$6,672,587		
Total			\$18,928,030	\$18,928,030
RR				
Customer	24	\$110,856		
Meter	24	\$3,116		
Dist	1,485,439	\$6,177,692		
IEDT	545,157,358	\$627,795		
Total			\$6,919,459	\$6,919,459
Total				
Nonresidential			\$1,077,074,760	\$1,077,074,760
Bills	4,413,062			
kWh	60,207,303,630			
Customer Costs		\$67,982,736		
Meter Costs		\$49,990,278		
Distribution Costs		\$889,767,936		
IEDT Costs		\$69,333,810		

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DELIVERY SERVICE CHARGES COMPUTATION: TAB N2						
	Adj	Unit Charges	Revenue	Total Revenue	As a % of EPEC	Overall \$/kWh
Nonresidential	(E)	(F)	(G)	(H)	(J)	(K)
Delivery Class			=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
ELL						
CC	\$4.45	\$1,209.90	\$677,544			
SMSC		\$62.31	\$34,894			
SV DFC (kW)	0.7823	\$5.01	\$15,190,621			
PV DFC (kW)	0.8541	\$5.29	\$21,530,363			
PV TRC (kW)		\$0.28	\$663,213			
IEDT (kWh)		\$0.00115	\$4,281,201		OK	
Total	1.2343			\$42,377,836	84.2%	0.0114
					84.2%	
HV						
CC	\$4.45	\$456.20	\$416,967			
SMSC		\$40.75	\$37,246			
SV DFC (kW)		\$5.48	\$532,481			
PV DFC (kW)		\$4.86	\$1,044,040			
HV DFC ≤ 10 MW (kW)		\$0.23	\$190,803			
HV DFC > 10 MW (kW)		\$0.22	\$1,870,023			
PV TRC (kW)		\$0.34	\$16,624			
HV TRC ≤ 10 MW (kW)	0.911	\$2.42	\$1,355,938			
HV TRC > 10 MW (kW)	0.7616	\$0.80	\$5,035,427			
IEDT (kWh)		\$0.00115	\$6,663,405		OK	
Total	1.1950			\$17,162,954	90.7%	0.0030
					90.7%	
RR						
CC	\$406.10	\$5,025.10	\$120,602			
SMSC		\$129.83	\$3,116			
DFC (kW)	0.8043	\$3.34	\$4,961,366			
IEDT (kWh)		\$0.00115	\$626,931		OK	
Total	0.9629			\$5,712,015	82.6%	0.0105
					82.6%	
Total Nonresidential				\$1,077,073,162	100.0%	0.0179

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EMBEDDED COST OF SERVICE INFORMATION: TAB L						
	Annual		Total			
	Billing	Embedded	Embedded	EPEC		
Lighting	Units	Costs	Costs	Revenue	Allocator	
Delivery	-----	-----	-----	-----	-----	-----
Class	(A)	(B)	(C)	(D)	(E)	
			=(B) by Class	=(C) x NRR/EC		
FIL						
Customer		\$1,088,725				
Dist		\$15,082,940				
IEDT	157,753,485	\$181,666				
Municipal						
LED-40-60 W	19,836				0.00331	
LED-61-80 W	12,384				0.00229	
LED-120-160 W	5,232				0.00116	
MV-100 W	237,264				0.05393	
MV-175 W	584,657				0.13509	
MV-250 W	94,954				0.02272	
MV-400 W	105,109				0.02840	
HPS-70 W	17,049				0.00418	
HPS-100 W	229,664				0.05709	
HPS-150 W	249,660				0.06247	
HPS-250 W	163,562				0.04363	
HPS-400 W	28,060				0.00808	
HPS-1,000 W	1,920				0.00134	
Bracket ≤ 8 feet	906,368				0.20795	
Bracket > 8 feet	628,897				0.19610	
Lum Post Top	62,729				0.02142	
Lum Acorn	14,839				0.00672	
Private						
LED-40-60 W	240				0.00011	
LED-61-80 W	240				0.00011	
MV-175 W	113,506				0.04876	
MV-400 W	43,273				0.01875	
HPSF-100 W	25,524				0.01053	
HPSF-250 W	128,583				0.05726	
HPSC-100 W	5,702				0.00251	
HPSC-150 W	13,707				0.00608	
Total			\$16,353,331	\$16,353,331		
DDL						
Customer Non Alley		\$1,029,549				
Customer Alley		\$1,398				
Meter Non Alley	526,796,370	\$620,089				
Meter Alley	92,992,750	\$0				
Dist Non Alley	526,796,370	\$1,983,812				
Dist Alley	92,992,750	\$222,514				
IEDT	619,789,120	\$713,740				
Total			\$4,571,102	\$4,571,102		
GL						
Customer		\$169,316				
Meter	80,934,878	\$53,853				
Dist	80,934,878	\$841,955				
IEDT	80,934,878	\$93,203				
Total			\$1,158,327	\$1,158,327		

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Total Lighting	858,477,483		\$22,082,760	\$22,082,760			
Customer Costs		\$2,288,988					
Meter Costs		\$673,942					
Distribution Costs		\$18,131,221					
IEDT Costs		\$988,609					
Total Company	88,471,998,769		\$2,531,558,000	\$2,531,558,000			
Customer Costs		\$449,488,715					
Meter Costs		\$234,698,246					
Distribution Costs		\$1,745,488,039					
IEDT Costs		\$101,883,000					

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DELIVERY SERVICE CHARGES COMPUTATION: TAB L							
Lighting	Adj	Unit	Charges	Revenue	Total Revenue	As a % of EPEC	Overall \$/kWh
Class	(F)	(G)	(H)	(I)	(J)	(K)	(L)
			= (A)x(G)	= (H) by Class	= (J)/(D)	= (J)/(A kWh)	
FIL							
Municipal (Fix)							
LED-40-60 W			\$2.70	\$53,557			
LED-61-80 W			\$2.99	\$37,028			
LED-120-160 W			\$3.59	\$18,783			
MV-100 W			\$3.68	\$873,132			
MV-175 W			\$3.74	\$2,186,617			
MV-250 W			\$3.87	\$367,472			
MV-400 W			\$4.37	\$459,326			
HPS-70 W			\$3.96	\$67,514			
HPS-100 W			\$4.02	\$923,249			
HPS-150 W			\$4.05	\$1,011,123			
HPS-250 W			\$4.31	\$704,952			
HPS-400 W			\$4.66	\$130,760			
HPS-1,000 W			\$11.29	\$21,677			
Bracket ≤ 8 feet			\$3.71	\$3,362,625			
Bracket > 8 feet			\$5.04	\$3,169,641			
Lum Post Top			\$5.52	\$346,264			
Lum Acorn			\$7.32	\$108,621			
Private (Fix)							
LED-40-60 W			\$7.41	\$1,778			
LED-61-80 W			\$7.41	\$1,778			
MV-175 W			\$6.95	\$788,867			
MV-400 W			\$7.01	\$303,344			
HPSF-100 W			\$6.67	\$170,245			
HPSF-250 W			\$7.20	\$925,798			
HPSC-100 W			\$7.12	\$40,598			
HPSC-150 W			\$7.17	\$98,279			
IEDT (kWh)			\$0.00115	\$181,417			
Total					\$16,354,445	100.0%	\$0.1037
DDL							
SMSC Non Alley (kWh)			\$0.00118	\$621,620			
SMSC Alley (kWh)			\$0.00000	\$0			
DFC Non Alley (kWh)			\$0.00572	\$3,013,275			
DFC Alley (kWh)			\$0.00241	\$224,113			
IEDT (kWh)			\$0.00115	\$712,757			
Total					\$4,571,765	100.0%	\$0.0074
GL							
SMSC			\$0.00067	\$54,226			
DFC (kWh)			\$0.01249	\$1,010,877			
IEDT (kWh)			\$0.00115	\$93,075			
Total					\$1,158,178	100.0%	\$0.0143
Total Lighting					\$22,084,388	100.0%	\$0.0257
Total Company					\$2,531,558,000	100.0%	\$0.0286
					\$2,531,558,000	NRR	
					\$0		
						OK	