

**COMMONWEALTH EDISON COMPANY**

**EPEC RATE DESIGN**

**2009 TEST YEAR**

RESIDENTIAL DELIVERY CLASSES	2009 Test Year Billing Units A	ECOSS-BASED REVENUE				EPEC Revenue F =ExRR/ER	Residential Revenue Requirement \$1,319,750,415 RR EPEC RATES SFV 60/40 (4)					Current Overall \$/kWh M	Change % N =(L/M)-1	
		Embedded Cost B	Unit Cost C =B/A	Revenue D =AxC	Total Revenue E =ΣD by class		Unit Charges (1) (5) G =(B/A)x(RR/ER)	Revenue H =AxG	SFV	Total Revenue J =ΣH by class	as a % of EPEC K =J/F			Overall \$/kWh L =J/[A kWh]
<b>SINGLE FAMILY</b>														
Customer Charge	27,237,802	\$260,198,736	\$9.55	\$260,121,009		\$19.28	\$525,144,823	60%						
Standard Metering Service Charge	27,237,802	\$87,120,205	\$3.20	\$87,160,966		\$3.20	\$87,160,966							
DFC (kWh) (2)	22,155,696,826	\$646,083,923	\$0.02916	\$646,060,119		\$0.01720	\$381,077,985	40%						
IEDT (kWh) (3)	22,155,696,826	\$27,810,745	\$0.00126	\$27,916,178		\$0.00126	\$27,916,178							
<b>Total</b>				\$1,021,258,272	\$1,021,308,077				\$1,021,299,952	100.0%	\$0.0461	\$0.0361	27.7%	
<b>MULTI FAMILY</b>														
Customer Charge	14,037,665	\$103,044,314	\$7.34	\$103,036,461		\$9.56	\$134,200,077	60%						
Standard Metering Service Charge	14,037,665	\$44,899,500	\$3.20	\$44,920,528		\$3.20	\$44,920,528							
DFC (kWh) (2)	6,094,402,376	\$142,797,405	\$0.02343	\$142,791,848		\$0.01832	\$111,649,452	40%						
IEDT (kWh) (3)	6,094,402,376	\$7,649,945	\$0.00126	\$7,678,947		\$0.00126	\$7,678,947							
<b>Total</b>				\$298,427,784	\$298,442,338				\$298,449,004	100.0%	\$0.0490	\$0.0435	12.6%	
<b>RESIDENTIAL TOTAL</b>		Residential ECOSS-Based Revenue		\$1,319,686,056	\$1,319,750,415				\$1,319,748,956	100.0%	\$0.0467	\$0.0377	23.9%	
Annual Bills	41,275,467			ER										
Annual kWhs	28,250,099,202													

Notes:

- (1) Minor rounding exists.
- (2) DFC means Distribution Facilities Charge.
- (3) IEDT means Illinois Electricity Distribution Tax Charge.
- (4) SFV means Straight Fixed Variable.
- (5) Customer charge and DFC adjusted for 60/40 SFV proposal.

COMMONWEALTH EDISON COMPANY  
EPEC RATE DESIGN  
2009 TEST YEAR

Nonresidential Revenue Requirement \$996,927,714

NONRESIDENTIAL DELIVERY CLASSES	2009 Test Year Billing Units A	ECOSS-BASED REVENUE				EPEC Revenue F = ExRR/ER	RR EPEC RATES					Current Overall \$/kWh M	Change % N =L/M-1	ComEd Ex. 16.3 Page 2 of 3
		Embedded Cost B	Unit Cost C	Revenue D	Total Revenue E =ΣD by class		Unit Charges (1) (2) (5) G	Revenue H =AxG	Total Revenue J =ΣH by class	as a % of EPEC K =J/F	Overall \$/kWh L =J/[A kWh]			
<b>WATT-HOUR</b>														
Customer Charge	1,160,212	\$14,227,357	\$12.26	\$14,224,199		\$11.96	\$13,876,136	60%						
Standard Metering Service Charge	1,160,212	\$3,255,300	\$2.81	\$3,260,196		\$2.81	\$3,260,196							
DFC (kWh) (3)	542,706,055	\$10,400,280	\$0.01916	\$10,398,248		\$0.01981	\$10,751,007	40%						
IEDT (kWh) (4)	542,706,055	\$667,950	\$0.00123	\$667,528		\$0.00123	\$667,528							
Total				\$28,550,171	\$28,551,563				\$28,554,867	100.0%	\$0.0526	\$0.0386	36.3%	
<b>SMALL LOAD (≤ 100 kW)</b>														
Customer Charge	2,852,927	\$36,027,675	\$12.63	\$36,032,468		\$12.64	\$36,060,997							
Standard Metering Service Charge	2,852,927	\$25,439,904	\$8.92	\$25,448,109		\$8.92	\$25,448,109							
DFC (kW) (3)	38,803,477	\$221,351,824	\$5.70	\$221,179,819		\$5.70	\$221,179,819							
IEDT (kWh) (4)	11,606,537,029	\$14,285,066	\$0.00123	\$14,276,041		\$0.00123	\$14,276,041							
Rider ACT	15,487					(\$0.20533)	(\$3,180)							
Total				\$296,936,437	\$296,950,918				\$296,961,786	100.0%	\$0.0256	\$0.0199	28.6%	
<b>MEDIUM LOAD (Over 100 kW ≤ 400 kW)</b>														
Customer Charge	210,347	\$3,445,730	\$16.38	\$3,445,484		\$16.47	\$3,464,415							
Standard Metering Service Charge	210,347	\$4,094,616	\$19.47	\$4,095,456		\$19.47	\$4,095,456							
DFC (kW) (3)	29,164,381	\$157,175,851	\$5.39	\$157,196,014		\$5.39	\$157,196,014							
IEDT (kWh) (4)	10,595,044,514	\$13,040,143	\$0.00123	\$13,031,905		\$0.00123	\$13,031,905							
Rider ACT	64,096					(\$0.20533)	(\$13,161)							
Total				\$177,768,859	\$177,777,528				\$177,774,629	100.0%	\$0.0168	\$0.0161	4.4%	
<b>LARGE LOAD (Over 400 kW ≤ 1,000 kW)</b>														
Customer Charge	51,518	\$3,251,519	\$63.11	\$3,251,301		\$63.64	\$3,278,606							
Standard Metering Service Charge	51,518	\$1,062,778	\$20.63	\$1,062,816		\$20.63	\$1,062,816							
DFC (kW) (3)	23,131,866	\$136,141,541	\$5.89	\$136,246,691		\$5.89	\$136,246,691							
IEDT (kWh) (4)	9,732,125,962	\$11,978,082	\$0.00123	\$11,970,515		\$0.00123	\$11,970,515							
Rider ACT	124,870					(\$0.20533)	(\$25,640)							
Total				\$152,531,323	\$152,538,762				\$152,532,988	100.0%	\$0.0157	\$0.0149	5.4%	
<b>VERY LARGE LOAD (Over 1,000 kW ≤ 10,000 kW)</b>														
Customer Charge	22,825	\$12,308,575	\$539.26	\$12,308,610		\$540.75	\$12,342,619							
Standard Metering Service Charge	22,825	\$489,544	\$21.45	\$489,596		\$21.45	\$489,596							
DFC (kW) (3)	39,417,978	\$231,435,685	\$5.87	\$231,383,531		\$5.88	\$231,777,711							
IEDT (kWh) (4)	18,088,071,837	\$22,145,132	\$0.00122	\$22,067,448		\$0.00122	\$22,067,448							
Rider ACT	2,031,090					(\$0.20533)	(\$417,044)							
Total				\$266,249,185	\$266,262,169				\$266,260,330	100.0%	\$0.0147	\$0.0131	12.2%	
<b>EXTRA LARGE LOAD (Over 10,000 kW)</b>														
Customer Charge	644	\$608,209	\$944.42	\$608,206		\$982.67	\$632,839							
Standard Metering Service Charge	644	\$32,835	\$50.99	\$32,838		\$50.99	\$32,838							
DFC (kW) (3)	7,605,641	\$45,409,101	\$5.97	\$45,405,677		\$5.98	\$45,481,733							
IEDT (kWh) (4)	3,844,588,206	\$4,706,909	\$0.00122	\$4,690,398		\$0.00122	\$4,690,398							
Rider ACT	478,204					(\$0.20533)	(\$98,190)							
Total				\$50,737,119	\$50,739,593				\$50,739,618	100.0%	\$0.0132	\$0.0066	100.0%	
<b>HIGH VOLTAGE</b>														
Customer Charge	876	\$428,212	\$488.83	\$428,215		\$494.85	\$433,489							
Standard Metering Service Charge	876	\$36,529	\$41.70	\$36,529		\$41.70	\$36,529							
Standard Voltage DFC (kW) (3)	239,121	\$955,633	\$4.00	\$956,484		\$4.04	\$966,049							
High Voltage DFC Over 10 MW (kW) (3)	7,943,136	\$8,463,450	\$1.07	\$8,499,156		\$1.11	\$8,816,881							
High Voltage DFC Up to 10 MW (kW) (3)	494,156	\$1,534,937	\$3.11	\$1,536,825		\$3.15	\$1,556,591							
IEDT (kWh) (4)	4,992,274,765	\$6,112,015	\$0.00122	\$6,090,575		\$0.00122	\$6,090,575							
Rider ACT	1,716,196					(\$0.20533)	(\$352,387)							
Total				\$17,547,784	\$17,548,640				\$17,547,727	100.0%	\$0.0035	\$0.0027	29.6%	
<b>RAILROAD</b>														
Customer Charge	24	\$105,082	\$4,378.42	\$105,082		\$4,378.69	\$105,089							
Standard Metering Service Charge	24	\$3,177	\$132.38	\$3,177		\$132.38	\$3,177							
DFC (kW) (3)	1,353,730	\$5,832,223	\$4.31	\$5,834,576		\$4.31	\$5,834,576							
IEDT (kWh) (4)	504,413,637	\$617,551	\$0.00122	\$615,385		\$0.00122	\$615,385							
Total				\$6,558,220	\$6,558,540				\$6,558,227	100.0%	\$0.0130	\$0.0087	49.4%	
<b>NONRESIDENTIAL TOTAL</b>														
Annual Bills	4,299,373	Nonresidential ECOSS-Based Revenue			\$996,879,098	\$996,927,713			\$996,930,172	100.0%	\$0.0166	\$0.0142	16.9%	
Annual kWhs	59,905,762,005	ER												

Notes:  
(1) Minor rounding exists.  
(2) DFCs require adjustment, as applicable, to allow for recovery of Rider ACT credit for customer-owned transformers.  
(3) DFC means Distribution Facilities Charge.  
(4) IEDT means Illinois Electricity Distribution Tax Charge.  
(5) Customer charge and DFC adjusted for 60/40 SFV proposal for Watt-Hour Class.

**COMMONWEALTH EDISON COMPANY**  
**EPEC RATE DESIGN**  
**2009 TEST YEAR**

LIGHTING DELIVERY CLASSES	2009		ECOSS-BASED REVENUE				EPEC	Lighting Revenue Requirement		EPEC RATES					Current	Change
	Test Year	Allocation	Embedded	Unit	Total		Unit	Total	as a % of	Overall			Overall	Change		
	Billing Units	B	Cost	Cost	Revenue	Revenue	Charges (1)	Revenue	EPEC	\$/kWh			\$/kWh	%		
	A		C or	D	E	F	H	J	L	M		N	P			
			C=BxFC	=C/A	=AxD	=ΣE by class	=C/A)x(RR/ER)	=AxH	=K/G	=K/[A kWh]			=M/N-1			
<b>FIXTURE-INCLUDED LIGHTING</b>																
Fixture-Included Lighting Costs (2)			\$15,856,087 FC													
Public Street Lighting (DFCs) (4)																
MV 100 Watts	228,064	3.44%	\$545,449	\$2.39	\$545,073		\$2.39	\$545,073								
MV 175 Watts	565,289	8.56%	\$1,357,281	\$2.40	\$1,356,694		\$2.40	\$1,356,694								
MV 250 Watts	93,687	1.45%	\$229,913	\$2.45	\$229,533		\$2.45	\$229,533								
MV 400 Watts	104,952	1.93%	\$306,022	\$2.92	\$306,460		\$2.92	\$306,460								
HPS 70 Watts	16,331	0.26%	\$41,226	\$2.52	\$41,154		\$2.52	\$41,154								
HPS 100 Watts	208,227	3.49%	\$553,377	\$2.66	\$553,884		\$2.66	\$553,884								
HPS 150 Watts	249,597	4.51%	\$715,110	\$2.87	\$716,343		\$2.87	\$716,343								
HPS 250 Watts	159,433	3.21%	\$508,980	\$3.19	\$508,591		\$3.19	\$508,591								
HPS 400 Watts	31,697	0.70%	\$110,993	\$3.50	\$110,940		\$3.50	\$110,940								
HPS 1,000 Watts	1,854	0.11%	\$17,442	\$9.41	\$17,446		\$9.41	\$17,446								
Equipment																
Bracket ≤ 8 feet	858,609	27.52%	\$4,363,595	\$5.08	\$4,361,734		\$5.08	\$4,361,734								
Bracket > 8 feet	611,253	26.73%	\$4,238,332	\$6.93	\$4,235,983		\$6.93	\$4,235,983								
Luminaire Post Top Early American/Contemporary	58,170	2.54%	\$402,745	\$6.92	\$402,536		\$6.92	\$402,536								
Luminaire Acorn	11,030	0.67%	\$106,236	\$9.63	\$106,219		\$9.63	\$106,219								
Private Outdoor Lighting																
MV 175 Watts	126,441	5.26%	\$834,030	\$6.60	\$834,511		\$6.60	\$834,511								
MV 400 Watts	44,741	2.12%	\$336,149	\$7.51	\$336,005		\$7.51	\$336,005								
HPS Flood 100 Watts	27,762	1.25%	\$198,201	\$7.14	\$198,221		\$7.14	\$198,221								
HPS Flood 250 Watts	125,237	5.38%	\$853,057	\$6.81	\$852,864		\$6.81	\$852,864								
HPS Conventional 100 Watts	6,191	0.27%	\$42,811	\$6.92	\$42,842		\$6.92	\$42,842								
HPS Conventional 150 Watts	13,269	0.60%	\$95,137	\$7.17	\$95,139		\$7.17	\$95,139								
IEDT (kWh) (5)	152,493,933	100.00%	\$186,698	\$0.00122	\$186,043		\$0.00122	\$186,043								
Total						\$16,038,215	\$16,038,997		\$16,038,215	100.0%	\$0.1052	\$0.1299	-19.0%			
<b>DUSK TO DAWN LIGHTING</b>																
Customer Costs			\$813,413													
Standard Metering Service Charge (kWh)	539,535,045		\$112,778	\$0.00021	\$113,302		\$0.00021	\$113,302								
DFC (kWh) (3) (4)	539,535,045		\$1,908,611	\$0.00505	\$2,724,652		\$0.00505	\$2,724,652								
IEDT (kWh) (5)	539,535,045		\$660,550	\$0.00122	\$658,233		\$0.00122	\$658,233								
Total						\$3,496,187	\$3,496,357		\$3,496,187	100.0%	\$0.0065	\$0.0142	-54.2%			
<b>GENERAL LIGHTING</b>																
Customer Costs			\$184,941													
Standard Metering Service Charge (kWh)	66,297,591		\$14,097	\$0.00021	\$13,922		\$0.00021	\$13,922								
DFC (kWh) (3) (4)	66,297,591		\$653,467	\$0.01265	\$838,665		\$0.01265	\$838,665								
IEDT (kWh) (5)	66,297,591		\$81,168	\$0.00122	\$80,883		\$0.00122	\$80,883								
Total						\$933,470	\$933,516		\$933,470	100.0%	\$0.0141	\$0.0107	31.8%			
LIGHTING TOTAL	758,326,569	kWh	Lighting ECOSS-Based Revenue			\$20,467,872	\$20,468,870		\$20,467,872	100.0%	\$0.0270	\$0.0371	-27.2%			
ER																
COMPANY TOTAL	88,914,187,776 kWh		Total Company ECOSS-Based Revenue			\$2,337,033,026			\$2,337,147,000		\$0.0263	\$0.0218	20.6%			
COMPANY 2009 TEST YEAR REVENUE REQUIREMENT																
\$0 difference OK																

Notes:

- (1) Minor rounding exists.
- (2) For the purposes of rate design, all costs are included in the DFC fixture charges for the Fixture-Included Lighting Delivery Class.
- (3) For the purposes of rate design, customer costs are included in the DFCs for the Dusk to Dawn Lighting and the General Lighting Delivery Classes.
- (4) DFC means Distribution Facilities Charge.
- (5) IEDT means Illinois Electricity Distribution Tax Charge.