

**Commonwealth Edison Company
 Primary/Secondary Analysis
 for Uniform System of Accounts (USOA) 361, 362 and 364 through 368**

This Primary/Secondary analysis provides updated plant cost data as of December 31, 2014 and uses the same analysis submitted in the 2014 Formula Rate Update Filing ("2014 FRU") in Docket No. 14-0312.

Table A - Summary of Assignment of Costs

Account	Account Description	Plant In Service - <u>Shared</u> <u>At or Below 4 kV</u> Costs for Customers Receiving a Primary or Secondary Voltage	Plant In Service - <u>Shared</u> <u>Over 4 kV</u> Costs for Customers Receiving a Primary or Secondary Voltage	Plant In Service -Costs for Customers Using the <u>Secondary Voltage</u> <u>Distribution System</u>	Plant In Service -Costs for Customers Using a <u>Secondary Voltage</u> <u>Transformer</u>	Plant In Service -Costs for Customers Receiving a <u>Primary Voltage</u> <u>Transformer</u>	Total
361	Structures and Lot Improvements	\$ 1,344,851	\$ 21,605,142	\$ -	\$ 36,783,553	\$ 108,132	\$ 59,841,678
362	Distribution Equipment	\$ 15,545,109	\$ 262,671,470	\$ -	\$ 424,849,823	\$ 5,684,088	\$ 708,750,490
364	Poles, Towers, and Fixtures	\$ 72,856,828	\$ 1,234,126,550	\$ 48,803,626	\$ 63,702,399	\$ 877,137	\$ 1,420,366,540
365	Overhead Conductors and Devices	\$ 108,560,048	\$ 1,731,674,539	\$ 322,488,898	\$ 52,970,147	\$ 145,317	\$ 2,215,838,949
366	Underground Conduit	\$ 41,634,846	\$ 664,040,511	\$ 21,190,876	\$ 8,139	\$ 166	\$ 726,874,538
367	Underground Conductors and Devices	\$ 70,188,191	\$ 3,961,601,800	\$ 626,624,543	\$ 228,034	\$ 4,654	\$ 4,658,647,220
368	Distribution Line Transformers			\$ -	\$ 1,211,551,279	\$ 24,725,536	\$ 1,236,276,815
	Total	\$ 310,129,873	\$ 7,875,720,012	\$ 1,019,107,942	\$ 1,790,093,374	\$ 31,545,030	\$ 11,026,596,230
	Percent of Total	2.81%	71.42%	9.24%	16.23%	0.29%	

Notes:

Plant Data as of December 31, 2014

**Commonwealth Edison Company
 Primary/Secondary Analysis
 for Uniform System of Accounts (USOA) 361, 362 and 364 through 368**

Commonwealth Edison Company
 Plant In Service by Sub-functions

Account 360 - Land and Land Rights

High Voltage (Land and Easements) \$63,371,127 (1)
Distribution Voltage (Land and Easements) \$8,765,051 (2)
 Total \$72,136,178

72,136,178 2014 Form 1 - Pages 206-207
 (0)

The information by subfunction is provided in three blocks below in order to print the information on a single page.

Account	Account Description (3)	High Voltage ESS (4)	High Voltage Dist. Subs.	High Voltage Dist. Lines	Shared Dist. Substations (At or Below 4kV)	Shared Dist. Substations (Over 4kV)	Secondary Voltage Dist. Substa.
361	Structures and Lot Improvements	\$ 2,117,284	\$ 377,906,486	\$ -	\$ -	\$ -	\$ -
362	Station Equipment	\$ 72,670,616	\$ 1,743,223,357	\$ -	\$ 15,545,109	\$ 262,671,470	\$ 424,849,823
364	Poles, Towers, and Fixtures	\$ -	\$ -	\$ 115,719,668	\$ -	\$ -	\$ -
365	Overhead Conductors and Devices	\$ -	\$ -	\$ 51,692,251	\$ -	\$ -	\$ -
366	Underground Conduit	\$ -	\$ -	\$ 68,758,013	\$ -	\$ -	\$ -
367	Underground Conductors and Devices	\$ -	\$ -	\$ 116,017,498	\$ -	\$ -	\$ -
368	Line Transformers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL		\$ 74,787,900	\$ 2,121,129,843	\$ 352,187,430	\$ 15,545,109	\$ 262,671,470	\$ 424,849,823

Account	Account Description (3)	Shared Dist. Lines (At or Below 4kV)	Shared Dist. Lines (Over 4kV)	Secondary Voltage Dist. Lines	Primary Voltage Transformers	Secondary Voltage Transformers
361	Structures and Lot Improvements	\$ 1,344,849	\$ 21,605,141	\$ -	\$ 108,132	\$ 36,783,553
362	Station Equipment	\$ -	\$ -	\$ -	\$ 5,684,088	\$ -
364	Poles, Towers, and Fixtures	\$ 72,856,828	\$ 1,234,126,550	\$ 48,803,626	\$ 877,137	\$ 63,702,399
365	Overhead Conductors and Devices	\$ 108,560,048	\$ 1,731,674,537	\$ 322,488,898	\$ 145,317	\$ 52,970,147
366	Underground Conduit	\$ 41,634,846	\$ 664,040,509	\$ 21,190,876	\$ 166	\$ 8,139
367	Underground Conductors and Devices	\$ 70,188,190	\$ 3,961,601,799	\$ 626,624,543	\$ 4,654	\$ 228,034
368	Line Transformers	\$ -	\$ -	\$ -	\$ 24,725,536	\$ 1,211,551,277
TOTAL		\$ 294,584,761	\$ 7,613,048,536	\$ 1,019,107,943	\$ 31,545,030	\$ 1,365,243,549

Account	Account Description	Total	FERC Form 1 - Pages 206-207	Difference
361	Structures and Lot Improvements	\$ 439,865,445	\$ 439,865,445	\$ (0)
362	Station Equipment	\$ 2,524,644,463	\$ 2,524,644,462	\$ 1
364	Poles, Towers, and Fixtures	\$ 1,536,086,208	\$ 1,536,086,210	\$ (2)
365	Overhead Conductors and Devices	\$ 2,267,531,198	\$ 2,267,531,198	\$ 0
366	Underground Conduit	\$ 795,632,549	\$ 795,632,549	\$ (0)
367	Underground Conductors and Devices	\$ 4,774,664,718	\$ 4,774,664,718	\$ 0
368	Line Transformers	\$ 1,236,276,813	\$ 1,236,276,813	\$ -
TOTAL		\$ 13,574,701,394	\$ 13,574,701,395	\$ (1)

Notes:

- (1) Input into ComEd Ex. 7.1 in Sch. 1b, line 14.
- (2) Input into ComEd Ex. 7.1 in Sch. 1b, line 18.
- (3) Input into ComEd Ex. 7.1 by plant account number in Sch. 1b, lines 24, 29, 34, 39, 44, 49, 53.
- (4) High Voltage ESS data is from the work paper titled: "HV Plant Data_CONFIDENTIAL_ECOSS" in this docket.

**Commonwealth Edison Company
 Primary/Secondary Analysis
 for Uniform System of Accounts (USOA) 361, 362 and 364 through 368**

Commonwealth Edison Company
 High Voltage Plant Investment Summary

<u>Utility Account</u>	<u>Accumulated Cost</u>		<u>HVD PORTIONS ONLY</u>	<u>NON-HVD PORTIONS</u>
		Account 360 Total		
CED 360.00 Dist - Land / Fee	\$3,631,015	\$72,136,178	\$63,371,127	\$8,765,051
CED 360.02 Dist - Land / Fee - HVD	\$47,719,065			
CED 360.03 Dist - Limtd Term Ease	\$24,286			
CED 360.08 Dist - Easements-HVD	\$15,652,062			
CED 360.09 Dist - Easements	\$5,109,750			
		Account 361 Total		
CED 361.00 Dist - Structures	\$58,412,086	\$439,865,448	\$377,906,486	\$61,958,962
CED 361.01 Dist - Lot Improvements	\$3,546,876			
CED 361.02 Dist - Structures-HVD	\$317,347,029			
CED 361.03 Dist - Lot Imprvmnts-HVD	\$60,559,457			
		Account 362 Total		
CED 362.00 Dist-Equipment	\$781,421,106	\$2,524,644,463	\$1,743,223,357	\$781,421,106
CED 362.02 Dist-Sta Eqmt- HVD	\$1,743,223,357			
		Account 364 Total		
CED 364.00 Dist-Poles/Twrs-WO<69KV	\$1,261,582,145	\$1,536,086,207	\$115,719,668	\$1,420,366,540
CED 364.01 Dist-Poles/Twrs-JO<69KV	\$158,784,394			
CED 364.02 Dist-Poles/Twrs-HVD	\$115,719,668			
		Account 365 Total		
CED 365.00 Dist-Ovhd Condtrs<69KV	\$2,215,838,949	\$2,267,531,200	\$51,692,251	\$2,215,838,949
CED 365.02 Dist-Ovhd Condtrs-HVD	\$51,692,251			
		Account 366 Total		
CED 366.00 Dist-Undg Conduit	\$726,874,538	\$795,632,551	\$68,758,013	\$726,874,538
CED 366.02 Dist-Undg Conduit-HVD	\$68,758,013			
		Account 367 Total		
CED 367.00 Dist-Undg Conductrs<69KV	\$4,658,647,220	\$4,774,664,719	\$116,017,498	\$4,658,647,220
CED 367.02 Dist-Undg Conductors-HVD	\$116,017,498			
CED 368.00 Dist-Line Transformers	\$1,236,276,815			
CED 369.00 Dist-Services	\$1,200,581,169			
CED 370.00 Dist-Meters & Devices	\$317,691,790			
CED 370.01 Dist-AMI Meters	\$129,414,669			
CED 370.02 Distr-Relays, CT and PT	\$20,850,432			
CED 371.00 Dist-Inst/Cust Premises	\$57,567,962			
CED 372.00 Dist-Leas/Cust Premises	\$1,098,906			
CED 373.00 Dist-Str Light/Sig Syst	\$122,201,142			
CED 374.00 Dist-ARO Costs	\$6,459,669			
CED 374.02 Dist H Vol-ARO Costs	\$5,871,523			
Grand Total	<u>\$15,508,574,842</u>			
Total Agrees to 2014 FERC Form 1 pages 204-207 line 75	\$15,508,574,834			
	-\$8			

**Commonwealth Edison Company
 Primary/Secondary Analysis
 for Uniform System of Accounts (USOA) 361, 362 and 364 through 368**

Major Location	Total Shared Cost At or Below 4 kV	Total Shared Cost Above 4 kV	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
DSS	\$ 1,344,851	\$ 21,449,237	\$ -	\$ -	\$ -
ESS	\$ -	\$ -	\$ -	\$ 5,298,469	\$ 108,132
NC	\$ -	\$ -	\$ -	\$ 31,471,280	\$ -
NC - D.C.	\$ -	\$ -	\$ -	\$ 13,804	\$ -
TDC	\$ -	\$ 38,729	\$ -	\$ -	\$ -
TSS	\$ -	\$ 117,176	\$ -	\$ -	\$ -
Grand Total	\$ 1,344,851	\$ 21,605,142	\$ -	\$ 36,783,553	\$ 108,132
Percent of Total	2.2%	36.1%	0.0%	61.5%	0.2%

Row Totals
\$ 22,794,088
\$ 5,406,601
\$ 31,471,280
\$ 13,804
\$ 38,729
\$ 117,176
\$ 59,841,678

Commonwealth Edison Company
 Primary/Secondary Analysis
 Account 362 - Distribution Equipment Plant Data

Docket No. 15-
 Work Paper to ComEd Ex. 7.01
 PRI/SEC Analysis
 362 - Pivot
 Page 5 of 16

Major Location	Total Shared Cost At or Below 4 kV	Total Shared Cost Above 4 kV	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
DSS	\$ 14,517,216	\$ 245,677,397	\$ -	\$ 4,280	\$ -
ESS	\$ -	\$ -	\$ -	\$ 265,792,727	\$ 5,424,341
NC	\$ -	\$ -	\$ -	\$ 139,775,593	\$ -
NC - D.C.	\$ -	\$ -	\$ -	\$ 342,477	\$ -
TDC	\$ 142,852	\$ 2,278,375	\$ -	\$ -	\$ -
TSS	\$ 118,349	\$ 1,887,559	\$ -	\$ -	\$ -
Unspecified - ComEd	\$ 17,958	\$ 307,355	\$ -	\$ 499,012	\$ 6,668
Warehouses & Storage - Stock	\$ 93,249	\$ 1,487,248	\$ -	\$ 2,424,396	\$ 32,398
Mass-Inside Chicago	\$ 730	\$ 11,640	\$ -	\$ 18,974	\$ 254
Mass-Outside Chicago	\$ 4,444	\$ 70,886	\$ -	\$ 115,552	\$ 1,544
General - Communications - Structur	\$ (0)	\$ (0)	\$ -	\$ (0)	\$ (0)
Grand Total	\$ 14,894,799	\$ 251,720,459	\$ -	\$ 408,973,011	\$ 5,465,205

Row Totals
\$ 260,198,893
\$ 271,217,068
\$ 139,775,593
\$ 342,477
\$ 2,421,228
\$ 2,005,907
\$ 830,993
\$ 4,037,292
\$ 31,597
\$ 192,426
\$ (0)
\$ 681,053,475

Percent of Total	2%	37%	0%	60%	1%

Commonwealth Edison Company
Primary/Secondary Analysis
Pole Cost Allocation

Docket No. 15-____
Work Paper to ComEd Ex. 7.01
PRI/SEC Analysis
Poles
Page 7 of 16

Assignment of Costs for Poles Based Upon the Christensen Associates Energy Consulting Field Review and Sampling Analysis

Poles over 50 ft.

Secondary	0.0%
Secondary Transformer	2.5%
Primary	97.5%

Poles up to 50 ft.

Secondary	5.0%
Secondary Transformer	2.2%
Primary	92.8%

Commonwealth Edison Company
 Primary/Secondary Analysis
 Account 364 - Poles, Towers, and Fixtures Plant Data

Docket No. 15-_____
 Work Paper to ComEd Ex. 7.01
 PRI/SEC Analysis
 364 - Pivot
 Page 8 of 16

Major Location	Total Shared Cost At or Below 4 kV	Total Shared Cost Above 4 kV	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
DSS	\$ 2,215	\$ 7,862	\$ 392	\$ 285	\$ 2
ESS	\$ -	\$ 597	\$ -	\$ -	\$ -
TSS	\$ 206	\$ 3,280	\$ 130	\$ 170	\$ 2
Mass-Inside Chicago	\$ 13,358,154	\$ 217,228,237	\$ 14,297,671	\$ 16,600,385	\$ 261,314
Mass-Outside Chicago	\$ 59,496,222	\$ 1,016,886,065	\$ 34,505,412	\$ 47,101,532	\$ 615,818
Unspecified - ComEd	\$ 32	\$ 509	\$ 20	\$ 26	\$ 0
Grand Total	\$ 72,856,828	\$ 1,234,126,550	\$ 48,803,626	\$ 63,702,399	\$ 877,137
Percent of Total	5.1%	86.9%	3.4%	4.5%	0.1%

Row Totals
\$ 10,757
\$ 597
\$ 3,788
\$ 261,745,760
\$ 1,158,605,049
\$ 588
\$ 1,420,366,540

Commonwealth Edison Company
Primary/Secondary Analysis
Overhead Weather Resistant Wire Allocation

Docket No. 15-____
Work Paper to ComEd Ex. 7.01
PRI/SEC Analysis
Weather Res Wire
Page 9 of 16

**Assignment of Costs for Weather Resistant Wire Based Upon the Christensen Associates Energy Consulting
Field Review and Sampling Analysis**

Percent of Weather Resistant Wire Assigned to Secondary Transformer	1.0%
Percent of Weather Resistant Wire Assigned to Secondary Distribution	22.4%
Percent of Weather Resistant Wire Assigned to Shared	76.6%

Commonwealth Edison Company
 Primary/Secondary Analysis
Bare Copper Wire Allocation

Estimated Number of Transformer Installations

	Estimated Feet of Bare CU Wire Per Installation	Total Estimated Feet	Secondary Transformer Allocations (feet)	Shared Wire Allocations (feet)	Primary Transformer Allocations (feet)
Secondary Transformer Installations					
Overhead 4 kV Single Phase	23,477	40	939,080		
Overhead 12 kV Single Phase	145,348	40	5,813,920		
Overhead 4 kV Open Delta Three Phase	3,119	40	124,760		
Overhead 12 kV Open Delta Three Phase	17,773	40	710,920		
Overhead 4 kV - 120 V Three Phase	3,282	40	131,280		
Overhead 4 kV - 277 V Three Phase	372	40	14,880		
Overhead 12 kV - 120 V Three Phase	15,372	40	614,880		
Overhead 12 kV - 277 V Three Phase	4,539	40	181,560		
Underground Feed Through Single Phase	143,681	25	3,592,025		
Underground Feed Through Open Delta Three Phase	5,608	55	308,440		
Underground Feed Through Three Phase 120 V	15,975	55	878,625		
Underground Feed Through Three Phase 277 V	7,485	55	411,675		
Underground Radial Three Phase 120 V	4,368	55	240,240		
Underground Radial Three Phase 277 V	4,105	55	225,775		
Network Transformers	1,977	55	108,735		

Primary Voltage Transformer Installations

Overhead Primary Voltage Transformers	86	40	3,440		3,440
Station Primary Voltage Transformers	729	55	40,095		40,095

Transformer Totals			14,296,795	-	43,535
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Estimated Number of Lightning Arrester Installations

Number of Feet of Overhead Primary (1) 184,021,970
 Number of Arresters at 1,200 Feet per Arrester 153,352

	Estimated Feet of Bare CU Wire Per Installation	Total Estimated Feet	Secondary Wire Allocations	Shared Wire Allocations	Primary Wire Allocations
Number of Arresters and feet of wire	153,352	40		6,134,066	

	Secondary Transformer Allocations	Shared Wire Allocations	Primary Transformer Allocations
Total Bare CU Footage Estimation	14,296,795	6,134,066	43,535
Total Bare CU Percent of Cost Allocation	69.8%	30.0%	0.2%

(1) Number of feet from CEGIS Feeder Report in ICC Docket 10-0467 filing.

Notes

Cspec C5286 for 3 phase pad mounted transformers calls for an average of 55 feet of bare copper wire
 Cspec C5296 for 1 phase pad mounted transformers calls for an average of 25 feet of bare copper wire
 Cspec C8550 for pole mounted grounding installation calls for an average of 40 feet of bare copper wire for an equipment pole
 ComEd standards calls for a lightning arrester installation every 1,200 feet.

Inside Chicago

Utility Account	GL Account	Retirement Unit	Depreciation Group	Asset Location	Major Location	Quantity	Cost
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Cable-Other	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	8953274	67,520,891.81
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-ACSR/Al-Bare-Single Conductor	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	6912552	18,989,417.52
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-ACSR/Al-Weather Resistant 1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	30762749	40,641,876.56
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-CU/Copperweld-bare-1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	22086	197,213.88
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-CU-Bare Single Conductor	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	579426	7,370,339.55
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-CU-Weather Resistant 1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	27148418	17,217,576.09
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-Not CU or ACS Weather Resst 1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Inside Chicago	Mass-Inside Chicago	90522	1,325,292.33

74,469,027.00 153,262,607.74

\$/ Foot of Wire Using the Chicago Method with Bodmer's Work Paper as Directed by the Final Order in ICC Docket 10-0467	\$ 2.06
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Outside Chicago

Utility Account	GL Account	Retirement Unit	Depreciation Group	Asset Location	Major Location	Quantity	Cost
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Cable-Other	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	56373176	194,591,567.89
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-ACSR/Al-Bare-Single Conductor	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	282050832	445,599,491.21
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-ACSR/Al-Weather Resistant 1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	83290487	95,908,838.41
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-CU/Copperweld-bare-1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	136802	1,052,706.62
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-CU-Bare Single Conductor	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	88202466	61,583,811.86
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-CU-Weather Resistant 1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	69517410	52,938,939.27
CED 365.00 Dist-Ovhd Condrs<69KV	101000 Util Plant In Serv-Unitized	Wire-Not CU or ACS Weather Resst 1C	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	520617	13,517,509.25

580,091,790.00 865,192,864.51

\$/ Foot of Wire Using the Chicago Method with Bodmer's Work Paper as Directed by the Final Order in ICC Docket 10-0467	\$ 1.49
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Commonwealth Edison Company
 Primary/Secondary Analysis
 Account 365 - Overhead Conductors and Devices Plant Data

Docket No. 15-____
 Work Paper to ComEd Ex. 7.01
 PRI/SEC Analysis
 365 - Pivot
 Page 12 of 16

Major Location	Total Shared Cost At or Below 4 kV	Total Shared Cost Above 4 kV	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
DSS	\$ 2,606	\$ 45,348	\$ -	\$ -	\$ -
Mass-Inside Chicago	\$ 15,783,863	\$ 251,739,233	\$ 83,033,715	\$ 6,244,465	\$ 16,151
Mass-Outside Chicago	\$ 92,773,579	\$ 1,479,888,167	\$ 239,455,184	\$ 46,719,909	\$ 129,048
69KV Lines IL	\$ -	\$ 1,203	\$ -	\$ -	\$ -
Unspecified - ComEd	\$ -	\$ 588	\$ -	\$ -	\$ -
ESS	\$ -	\$ -	\$ -	\$ 5,773	\$ 118
Grand Total	\$ 108,560,048	\$ 1,731,674,539	\$ 322,488,898	\$ 52,970,147	\$ 145,317
Percent of Total	4.9%	78.1%	14.6%	2.4%	0.0%

Row Totals
\$ 47,953
\$ 356,817,427
\$1,858,965,886
\$ 1,203
\$ 588
\$ 5,891
\$2,215,838,949

Commonwealth Edison Company
 Primary/Secondary Analysis
Determination of Conduit for Secondary Use

City of Chicago Computed Percentage

CEGIS Chicago Conduit Data	
	Length (feet)
Total	12,970,464 (a)
Secondary Only	660,173 (b)
Computed Percent of Secondary Only Conduit Inside Chicago	5.1% (c) = (b)/(a)

Outside City of Chicago Computed Percentage

Utility Account	General Ledger Account	Retirement Unit	Depreciation Group	Asset Location	Major Location	Quantity
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit - Bends	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	21,153
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit - Riser	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	9,845
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Aluminum	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	2,601
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Fiber	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	1,952,698
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Gas Pipe	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	150
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-in Tunnel	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	18,200
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Leased	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	-
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Metallic	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	605,360
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Plastic	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	10,034,576
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Precast Concrete	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	1,006,666
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Pump Log	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	14,977
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Steel	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	3,378
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Stone	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	115,245
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Tile	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	153,482
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Transite	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	134,945
CED 366.00 Dist-Undg Conduit	101000 Util Plant In Serv-Utilized	Conduit-Unknown Type	Distribution-Excl HVD,Transf&Meters	MASS-Commercial-Outside Chicago	Mass-Outside Chicago	-

Total Feet of Conduit from Plant Data Outside Chicago 14,073,276 (d)

Secondary in Conduit outside the City of Chicago as measured by Engineering staff from available paper and electronic maps

Area	Feet of Conduit
Aurora	25,234
Elgin	23,703
DeKalb	1,444
Freeport	8,858
Rockford	8,453
Evanston	39,279
Oak Brook	5,978
Joliet	10,941
Streator	719
Evergreen Park	3,410
Calumet City	1,600
Oak Park	1,307
Total	130,926

Total Feet of Conduit with Secondary Outside Chicago 130,926 (e)

Percent of Conduit with Secondary Outside the City of Chicago 0.9% (f) = (e)/(d)

Commonwealth Edison Company
 Primary/Secondary Analysis
 Account 366 - Underground Conduit Plant Data

Docket No. 15-____
 Work Paper to ComEd Ex. 7.01
 PRI/SEC Analysis
 366 - Pivot
 Page 13 of 16

Major Location	Total Shared Cost At or Below 4 kV	Total Shared Cost Above 4 kV	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
ESS	\$ -	\$ -	\$ -	\$ 4,401	\$ 90
NC	\$ -	\$ -	\$ -	\$ 3,745	\$ 76
Unspecified - ComEd	\$ (40,769)	\$ (650,227)	\$ (20,750)	\$ (8)	\$ (0)
Warehouses & Storage - Stock	\$ 1,229	\$ 19,596	\$ 625	\$ 0	\$ 0
Mass-Inside Chicago	\$ 19,547,514	\$ 311,766,279	\$ 17,805,062	\$ -	\$ -
Mass-Outside Chicago	\$ 22,126,872	\$ 352,904,863	\$ 3,405,939	\$ -	\$ -
Grand Total	\$ 41,634,846	\$ 664,040,511	\$ 21,190,876	\$ 8,139	\$ 166
Percent of Total	5.7%	91.4%	2.9%	0.0%	0.0%

Row Totals
\$ 4,491
\$ 3,822
\$ (711,754)
\$ 21,451
\$ 349,118,854
\$ 378,437,675
\$ 726,874,538

Commonwealth Edison Company
 Primary/Secondary Analysis
 Account 367 - Underground Conductors and Devices Plant Data

Docket No. 15-____
 Work Paper to ComEd Ex. 7.01
 PRI/SEC Analysis
 367 - Pivot
 Page 14 of 16

Major Location	Total Shared Cost At or Below 4 kV	Total Shared Cost Above 4 kV	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
ESS	\$ -	\$ -	\$ -	\$ 225,602	\$ 4,604
TSS	\$ 2,685	\$ 42,823	\$ -	\$ -	\$ -
Unspecified - ComEd	\$ 4,815	\$ (9,211,444)	\$ 12,685	\$ 5	\$ 0
Warehouses & Storage - Stock	\$ 258,703	\$ 4,126,100	\$ -	\$ -	\$ -
Mass-Inside Chicago	\$ 37,368,416	\$ 1,118,569,112	\$ 131,362,582	\$ 1,250	\$ 26
Mass-Outside Chicago	\$ 32,553,571	\$ 2,848,075,208	\$ 495,249,275	\$ 1,177	\$ 24
Grand Total	\$ 70,188,191	\$ 3,961,601,800	\$ 626,624,543	\$ 228,034	\$ 4,654
Percent of Total	1.5%	85.0%	13.5%	0.0%	0.0%

Row Totals
\$ 230,206
\$ 45,508
\$ (9,193,939)
\$ 4,384,804
\$ 1,287,301,387
\$ 3,375,879,255
\$ 4,658,647,220

SYSTEM TRANSFORMERS

	Count Transformer Installations	Count of Transformers	1.19 Materials Multiplier		Installation Cost with Labor Indirect Multiplier	Total Installation Cost	Total Purchase and Installation Costs	Percent of Total
			Total Purchase Cost with Materials Indirect Multiplier					
Dry Type Three Phase 480 V to 120 V	1,330	1,330						
Dry Type Single Phase 480 V to 120 V	2,473	2,775						
Dry Type Three Phase 4 or 12 kV to 120 V or 277 V	3,773	3,773						
Dry Type Single Phase 4 or 12 kV to 120 V or 277 V	<u>3,002</u>	<u>6,142</u>			\$4,684	\$17,672,326		
					\$4,684	\$28,768,468		
Total	6,775	9,915	\$	166,537,328		\$ 46,440,794		
Overhead 4 kV Single Phase	23,477	23,477			\$2,340	\$53,488,231		
Overhead 12 kV Single Phase	145,348	145,348			\$2,340	\$331,149,953		
Overhead 4 kV Open Delta Three Phase	3,119	6,238			\$4,476	\$13,591,435		
Overhead 12 kV Open Delta Three Phase	17,773	35,546			\$4,476	\$77,448,087		
Overhead 4 kV - 120 V Three Phase	3,282	9,846			\$5,759	\$18,399,667		
Overhead 4 kV - 277 V Three Phase	372	1,116			\$5,759	\$2,085,520		
Overhead 12 kV - 120 V Three Phase	15,372	46,116			\$5,759	\$86,179,063		
Overhead 12 kV - 277 V Three Phase	<u>4,539</u>	<u>13,617</u>			\$5,759	\$25,446,706		
Total	213,282	281,304	\$	460,767,895		\$ 607,788,663		
Underground Feed Through Single Phase	143,681	143,681			\$4,233	\$592,099,113		
Underground Feed Through Open Delta Three Phase	5,608	11,216			\$4,765	\$26,012,474		
Underground Feed Through Three Phase 120 V	15,975	15,975			\$6,255	\$97,280,104		
Underground Feed Through Three Phase 277 V	7,485	7,485			\$6,255	\$45,580,068		
Underground Radial Three Phase 120 V	4,368	4,368			\$3,566	\$15,162,780		
Underground Radial Three Phase 277 V	<u>4,105</u>	<u>4,105</u>			\$3,566	\$14,249,820		
Total	181,222	186,830	\$	619,292,508		\$ 790,384,360		
Grand Total	401,279	478,049	\$	1,246,597,731		\$ 1,444,613,817	\$ 2,691,211,548	98.0%

PRIMARY VOLTAGE CUSTOMERS TRANSFORMERS

	Count of Transformer Installations						
Total	815	\$	38,542,417	\$	16,123,635	\$ 54,666,053	2.0%

The data provided in this allocator is the same data used in the study presented in ICC Docket No. 11-0721

Commonwealth Edison Company
 Primary/Secondary Analysis
 Account 368 - Distribuiton Line Transformers Plant Data

Docket No. 15-____
 Work Paper to ComEd Ex. 7.01
 PRI/SEC Analysis
 368 - Pivot
 Page 16 of 16

Major Location	Total Shared Cost	Total Secondary Distribution Cost	Total Secondary Transformer Cost	Total Primary Transformer Cost
ESS	\$ -	\$ -	\$ 101,958	\$ 2,081
Warehouses & Storage - Stock	\$ -	\$ -	\$ 794,297,098	\$ 16,210,145
Mass-Inside Chicago	\$ -	\$ -	\$ 85,894,581	\$ 1,752,951
Mass-Outside Chicago	\$ -	\$ -	\$ 331,257,642	\$ 6,760,360
Grand Total	\$ -	\$ -	\$ 1,211,551,279	\$ 24,725,536
Percent of Total	0.0%	0.0%	98.0%	2.0%

Row Totals	
\$	104,039
\$	810,507,242
\$	87,647,532
\$	338,018,002
\$	1,236,276,815

PUBLIC

Commonwealth Edison Company
Revenue Under Riders NS and ML and Additional Facilities Charge
2014

	Amounts ⁽⁵⁾
Account 362 (HV ESS only) ⁽¹⁾⁽²⁾	\$1,459,636
Account 367 ⁽¹⁾⁽³⁾	\$7,124,689
Account 368 ⁽¹⁾⁽³⁾	\$30,373,675
Account 370 (Meter Lease for Meters) ⁽⁴⁾	\$9,410,340
Account 370 (Meter Lease for CTs/PTs) ⁽⁴⁾	\$4,752,660

Notes:

- (1) Revenue for 2014 under Rider NS - Nonstandard Services and Facilities, \$38,958,000, is listed in Appendix 10, Other Revenues, Line No. 25, attached to ComEd Ex. 2.0. This revenue is allocated to Account 362 for High Voltage ESS, Account 367, and 368.
- (2) This is the revenue for 2014 under Rider NS billed to high voltage customers not taking service under Rider ZSS - Zero Standard Service.
- (3) Revenues for 2014 under Rider NS from other customers are assigned 19% and 81% to Accounts 367 and 368, respectively based on the amount of plant of investment as of 12/31/2014 in switchgears and in transformers, respectively.

<u>Facilities</u>	<u>Cost</u>	<u>%</u>
Switchgears	\$269,894,016	19%
Transformers	\$1,171,973,459	81%

(4) Transferred from Columns (I) and (J), respectively, on the Rider ML_CTSPts page.

(5) Inputs to ComEd Ex. 7.01, Sch 1b Function Factors, lines 155-159, column titled "Total",
Direct Assignment of Rent Revenue

Commonwealth Edison Company
 The Determination of Allocation Factor for Meter Investment Cost
 Separate CTs/PTs and Meter Components in Rider ML
 2014

	Annual Investment Cost per Customer for Standard Meter Without CTs & PT ⁽¹⁾	Annual Meter O&M per Customer ⁽²⁾	Annual Meter Reading Per Customer ⁽³⁾	Annual Standard Meter Costs Without CTs & PT	Annualized Cost per Customer for Standard CTs and PTs ⁽⁴⁾	Typical Annual Rider ML per Standard Service	Percent of Rider ML that is CT/PT (%CT/PT)	Rider ML ⁽⁵⁾	Rider ML for Metering Service	Rider ML for CT/PT
	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) + (E)	(G) = (E) / (F)	(H)	(I) = (H) * (1 - (G))	(J) = (H) - (I)
Residential										
1 Single Family Without Electric Space Heat		\$3.55	\$16.13		\$0.12			\$129,470		
2 Multi Family Without Electric Space Heat		\$3.55	\$16.13		\$0.12			\$85,325		
3 Single Family With Electric Space Heat		\$3.55	\$16.13		\$0.12			\$14,493		
4 Multi Family With Electric Space Heat		\$3.55	\$16.13		\$0.12			\$56,219		
Nonresidential										
5 Watt-Hour		\$3.32	\$12.62		\$0.14			\$138,068		
6 Small Load (0 to 100 kW)	REDACTED	\$23.99	\$27.92	REDACTED	\$13.29	REDACTED	REDACTED	\$4,905,036	REDACTED	REDACTED
7 Medium Load (Over 100 to 400 kW)		\$40.96	\$99.67		\$69.29			\$3,288,683		
8 Large Load (Over 400 to 1000 kW)		\$40.21	\$102.79		\$94.65			\$1,721,299		
9 Very Large Load (Over 1,000 to 10,000 kW)		\$40.02	\$103.76		\$204.60			\$2,707,787		
10 Extra Large Load (Over 10,000 kW)		\$70.30	\$207.33		\$1,632.97			\$430,045		
11 High Voltage		\$29.16	\$80.69		\$3,510.82			\$1,126,641		
12 Fixture-Included Lighting		n.a	n.a		\$0.00			\$0		
13 Dusk to Dawn Lighting		\$19.00	\$77.79		\$1.10			\$0		
14 General Lighting		\$14.39	\$36.35		\$2.41			\$0		
15 Railroad		\$82.58	\$283.08		\$1,111.49			\$99,091		
Total								\$14,702,156	\$9,768,572	\$4,933,584

Ratio to Rider ML revenue from Sch. FR. Appendix 10, Other Revenue Information, Line No. 26:

\$14,163,000 \$9,410,340 \$4,752,660

Notes:

- (1) Transfer from Column (D) on the Meter_370 page of the Allocation workpaper.
- (2) Transfer from Column (E) on the Meter O&M page of the Allocation workpaper.
- (3) Transfer from Column (B) on the Meter Reading 902 page of the Allocation workpaper.
- (4) Transfer from Column (H) on the Service (369)_CTsPTs page of the Allocation workpaper.
- (5) From ComEd's Customer Information and Management System.

Commonwealth Edison Company
The Determination of the Single Bill Option Operation and Maintenance Costs
Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	3311	CBS-Chicago North	109511	Cellular phone usage		1,200.00	1,200.00				
903000	7999	T&D General Co Activities	-NA-	NOT APPLICABLE	-936.5	(104,165.52)	(105,102.02)				
903000	483	Non Tariff Marketing	11CAGCFEE	Gift Certificate Admin Fees		296.58	296.58				
903000	1492	Revenue Management	11CAGCFEE	Gift Certificate Admin Fees		85,596.57	85,596.57				
903000	7999	T&D General Co Activities	12CSBTOIM	AMI Bus Transfrmn Office O&M	59076.96		59,076.96				
903000	8557	Cust. Services & Apps. Trg.	12CSBTOIM	AMI Bus Transfrmn Office O&M	105662.98		105,662.98				
903000	1513	AMI Business Transf Office	12CSBTOIM	AMI Bus Transfrmn Office O&M	725686.92	5,491,299.03	6,216,985.95				
903000	7999	T&D General Co Activities	12CSCE001	Customer Experience O&M	12587.96		12,587.96				
903000	1493	Billing - WEST	12CSCE001	Customer Experience O&M	73222.83		73,222.83				
903000	1454	Resource Management	12CSCE001	Customer Experience O&M	118495.12	19.27	118,514.39				
903000	7999	T&D General Co Activities	12CSIMTRN	AMI Training - O&M	83.38		83.38				
903000	1510	AMI Deployment	12CSIMTRN	AMI Training - O&M	1845.97		1,845.97				
903000	1480	Billing Operations - AMI	12CSIMTRN	AMI Training - O&M		7,405.30	7,405.30				
903000	4676	M&C-Libertyville/Waukegan-UG	13CMDPCI	Pole Cut In for Non-Payment		24.50	24.50				
903000	7190	Operations Manager-West	13CMDPCI	Pole Cut In for Non-Payment		24.50	24.50				
903000	7664	M & C - Freeport OH/UG	13CMDPCI	Pole Cut In for Non-Payment	52.08	20.87	72.95				
903000	4664	M&C-Highland Park OH	13CMDPCI	Pole Cut In for Non-Payment	148.07	31.02	179.09				
903000	6298	OES-Bradley/Streator/Pontiac	13CMDPCI	Pole Cut In for Non-Payment	482.91	123.97	606.88				
903000	7669	M&C-Crystal Lake/Woodstock-OH	13CMDPCI	Pole Cut In for Non-Payment	1032.38	317.06	1,349.44				
903000	7182	OES-Aurora	13CMDPCI	Pole Cut In for Non-Payment	1427.32	404.63	1,831.95				
903000	412	Capitalized Overheads-CED	13CMDPCI	Pole Cut In for Non-Payment		2,625.86	2,625.86				
903000	7183	OES-Elgin	13CMDPCI	Pole Cut In for Non-Payment	2179.2	603.82	2,783.02				
903000	6195	OES-Glenbard	13CMDPCI	Pole Cut In for Non-Payment	2350.96	578.39	2,929.35				
903000	4194	OES-Highland Park	13CMDPCI	Pole Cut In for Non-Payment	2620.47	553.46	3,173.93				
903000	7186	OES - Dekalb	13CMDPCI	Pole Cut In for Non-Payment	2630.16	618.81	3,248.97				
903000	4195	OES-Mt. Prospect	13CMDPCI	Pole Cut In for Non-Payment	2796.11	829.26	3,625.37				
903000	6664	M&C-Crestwood OH	13CMDPCI	Pole Cut In for Non-Payment	3810.8	1,339.68	5,150.48				
903000	6191	OES-Bolingbrook	13CMDPCI	Pole Cut In for Non-Payment	5265.5	1,416.08	6,681.58				
903000	7181	OES-Crystal Lake	13CMDPCI	Pole Cut In for Non-Payment	5588.24	1,759.58	7,347.82				
903000	7184	OES-Dixon/Freeport	13CMDPCI	Pole Cut In for Non-Payment	6570.89	1,747.16	8,318.05				
903000	4193	OES-Libertyville	13CMDPCI	Pole Cut In for Non-Payment	8262.4	2,488.58	10,770.98				
903000	3185	OES-Maywood	13CMDPCI	Pole Cut In for Non-Payment	9565.06	2,139.97	11,705.03				
903000	6194	OES-Joliet	13CMDPCI	Pole Cut In for Non-Payment	9244.48	2,708.94	11,953.40				
903000	6663	M&C-University Park OH	13CMDPCI	Pole Cut In for Non-Payment	9102.8	5,209.65	14,312.25				
903000	7999	T&D General Co Activities	13CMDPCI	Pole Cut In for Non-Payment	15864.99		15,864.99				
903000	6182	OES-Crestwood	13CMDPCI	Pole Cut In for Non-Payment	20423.15	5,883.18	26,106.33				
903000	7195	OES-Rockford	13CMDPCI	Pole Cut In for Non-Payment	20737.45	6,829.53	27,566.98				
903000	6183	OES-Univ Park	13CMDPCI	Pole Cut In for Non-Payment	26459.93	8,051.44	34,511.37				
903000	7998	CED Operations Cap OH's	13CMDPCI	Pole Cut In for Non-Payment		48,403.55	48,403.55				
903000	3194	OES-Chicago North	13CMDPCI	Pole Cut In for Non-Payment	52036.35	15,653.41	67,689.76				
903000	3197	OES-Chicago South	13CMDPCI	Pole Cut In for Non-Payment	88516.46	21,594.28	110,110.74				
903000	7190	Operations Manager-West	13CMDPCO	Pole Cut Out for Non-Payment		22.00	22.00				
903000	7664	M & C - Freeport OH/UG	13CMDPCO	Pole Cut Out for Non-Payment	350	148.13	498.13				
903000	4669	M&C-Glenbard OH	13CMDPCO	Pole Cut Out for Non-Payment	624.12	191.30	815.42				
903000	4664	M&C-Highland Park OH	13CMDPCO	Pole Cut Out for Non-Payment	814.83	242.05	1,056.88				
903000	6298	OES-Bradley/Streator/Pontiac	13CMDPCO	Pole Cut Out for Non-Payment	988.66	238.81	1,227.47				
903000	6663	M&C-University Park OH	13CMDPCO	Pole Cut Out for Non-Payment	1024.51	625.60	1,650.11				
903000	7186	OES - Dekalb	13CMDPCO	Pole Cut Out for Non-Payment	1420.75	336.61	1,757.36				
903000	6664	M&C-Crestwood OH	13CMDPCO	Pole Cut Out for Non-Payment	1556.96	575.96	2,132.92				
903000	7182	OES-Aurora	13CMDPCO	Pole Cut Out for Non-Payment	1672.65	519.09	2,191.74				
903000	7183	OES-Elgin	13CMDPCO	Pole Cut Out for Non-Payment	2806.77	800.34	3,607.11				
903000	4195	OES-Mt. Prospect	13CMDPCO	Pole Cut Out for Non-Payment	3096.2	795.63	3,891.83				
903000	412	Capitalized Overheads-CED	13CMDPCO	Pole Cut Out for Non-Payment		4,464.11	4,464.11				
903000	6195	OES-Glenbard	13CMDPCO	Pole Cut Out for Non-Payment	3645.66	854.05	4,499.71				
903000	3194	OES-Chicago North	13CMDPCO	Pole Cut Out for Non-Payment	4586.07	1,311.70	5,897.77				
903000	7181	OES-Crystal Lake	13CMDPCO	Pole Cut Out for Non-Payment	4698.69	1,421.39	6,120.08				
903000	3197	OES-Chicago South	13CMDPCO	Pole Cut Out for Non-Payment	5068.63	1,323.14	6,391.77				
903000	4194	OES-Highland Park	13CMDPCO	Pole Cut Out for Non-Payment	7655.63	1,829.03	9,484.66				
903000	6191	OES-Bolingbrook	13CMDPCO	Pole Cut Out for Non-Payment	7864.29	1,982.13	9,846.42				
903000	7999	T&D General Co Activities	13CMDPCO	Pole Cut Out for Non-Payment	11297.92		11,297.92				
903000	6184	OES-Joliet	13CMDPCO	Pole Cut Out for Non-Payment	10264.66	2,884.86	12,949.42				
903000	4193	OES-Libertyville	13CMDPCO	Pole Cut Out for Non-Payment	11007.85	3,012.83	14,020.68				
903000	7184	OES-Dixon/Freeport	13CMDPCO	Pole Cut Out for Non-Payment	12123.15	3,180.66	15,303.81				
903000	6192	OES-Crestwood	13CMDPCO	Pole Cut Out for Non-Payment	23528.63	6,020.77	29,549.40				
903000	7195	OES-Rockford	13CMDPCO	Pole Cut Out for Non-Payment	29705.93	9,531.12	39,237.05				
903000	7998	CED Operations Cap OH's	13CMDPCO	Pole Cut Out for Non-Payment		83,801.17	83,801.17				
903000	6193	OES-Univ Park	13CMDPCO	Pole Cut Out for Non-Payment	71267.47	18,882.64	90,150.11				
903000	3661	M&C-Chicago North OH	13CMDPCO	Pole Cut Out for Non-Payment		267,562.47	267,562.47				
903000	7999	T&D General Co Activities	13CSBTAIM	AMI Bus Prcss Modeling in ARIS	2249.87		2,249.87				
903000	1513	AMI Business Transf Office	13CSBTAIM	AMI Bus Prcss Modeling in ARIS	38639.36		38,639.36				
903000	1510	AMI Deployment	13CSIMREP	AMI O&M Electrician Repairs		2,944,107.61	2,944,107.61				
903000	7999	T&D General Co Activities	13CSINTRN	Manage Intern Labor	1117.74		1,117.74				
903000	1511	AMI Operations	13CSINTRN	Manage Intern Labor	2121.3		2,121.30				
903000	1494	Meter Reading Manager	13CSINTRN	Manage Intern Labor	6358		6,358.00				
903000	1451	Oak Brook Call Center	13CSINTRN	Manage Intern Labor	16246.74	0.09	16,246.83				

Commonwealth Edison Company
 The Determination of the Single Bill Option Operation and Maintenance Costs
 Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	1457	eChannel	13CSINTRN	Manage Intern Labor	18480		18,480.00				
903000	486	Energy Efficiency Services	13CSINTRN	Manage Intern Labor	28115.63	1,040.39	29,156.02				
903000	6460	Field Services Support	13CSINTRN	Manage Intern Labor	29206	94.64	29,300.64				
903000	1467	Revenue Protection Strategy	13CSINTRN	Manage Intern Labor	40603.63	15.00	40,618.63				
903000	1492	Revenue Management	13CSINTRN	Manage Intern Labor	40968.76	51.54	41,020.30				
903000	1493	Billing - WEST	13CSINTRN	Manage Intern Labor	56996.77	-	56,996.77				
903000	1491	Cust Financial Ops ComEd	13CSSS03	Business Transformation & Tech	148.84		148.84				
903000	8212	Distribution Facil & Services	13CSSS03	Business Transformation & Tech	197.27	21.94	219.21				
903000	1460	SrVP Cust Operations ComEd	13CSSS03	Business Transformation & Tech		249.31	249.31				
903000	521	EED Real Estate & Facil Admin	13CSSS03	Business Transformation & Tech	324.91		324.91				
903000	8216	Trsm Proj Mgmt	13CSSS03	Business Transformation & Tech		466.66	466.66				
903000	1461	Customer Relations West	13CSSS03	Business Transformation & Tech		4,911.60	4,911.60				
903000	1450	VP Customer Care	13CSSS03	Business Transformation & Tech	322.49	38,656.33	38,978.82				
903000	1451	Oak Brook Call Center	13CSSS03	Business Transformation & Tech	44294.97	25,538.16	69,833.13				
903000	439	Ops Strategy and Bus Intellige	13CSSS03	Business Transformation & Tech	92457.25	4,496.50	96,953.75				
903000	7999	T&D General Co Activities	13CSSS03	Business Transformation & Tech	202264.45		202,264.45				
903000	1472	External Affairs-South Region	13CSSS03	Business Transformation & Tech	238600.89	5,354.55	243,955.44				
903000	1496	Systems Support West	13CSSS03	Business Transformation & Tech	188520.8	184,445.65	372,966.45				
903000	8571	ComEd Customer Projects	13CSSS03	Business Transformation & Tech	535420.44	100,713.84	636,134.28				
903000	1457	eChannel	13CSSS03	Business Transformation & Tech	643058.18	174,652.53	817,710.71				
903000	1497	Project Planning ComEd	13CSSS03	Business Transformation & Tech	930469.69	507,734.60	1,438,204.29				
903000	1471	LCS-Chicago/National Accounts	13EACHLIT	City of Chi St Light-IT Fund		41,157.60	41,157.60				
903000	483	Non Tariff Marketing	13MEGFTCT	Marketing for ComEd Gift Cert		995.75	995.75				
903000	1492	Revenue Management	13MEGFTCT	Marketing for ComEd Gift Cert		87,702.30	87,702.30				
903000	1460	SrVP Cust Operations ComEd	14CSBIDA	EU Bus Intel / Data Analytics		265,650.00	265,650.00				
903000	395	IT Projects - COMED	163IT001C	EDI Transition CTA O&M		-	-				
903000	602	Claims Department	CLREVRVCV	Claims Revenue Recovery		164,587.34	164,587.34				
903000	1491	Cust Financial Ops ComEd	CSAM01	Provide Service Delivery	50		50.00				
903000	8212	Distribution Facil & Services	CSAM01	Provide Service Delivery	51.49	6.29	57.78				
903000	8550	SVP Govt & Ext Affs	CSAM01	Provide Service Delivery		335.22	335.22				
903000	8258	Legislative Strategies	CSAM01	Provide Service Delivery	150	391.08	541.08				
903000	1510	AMI Deployment	CSAM01	Provide Service Delivery		7,970.00	7,970.00				
903000	1473	External Affairs-Chi & Maywood	CSAM01	Provide Service Delivery		8,846.68	8,846.68				
903000	1479	EAL CS VP	CSAM01	Provide Service Delivery		9,501.14	9,501.14				
903000	1470	Gov Affairs Strategy & Support	CSAM01	Provide Service Delivery	81882.96	48,559.45	130,442.41				
903000	1475	External Affairs North & West	CSAM01	Provide Service Delivery	173865.25	18,589.63	192,474.88				
903000	1431	Gov Affairs Resource Center	CSAM01	Provide Service Delivery	607751.79	1,854.49	609,606.28				
903000	7999	T&D General Co Activities	CSAM01	Provide Service Delivery	640247.08		640,247.08				
903000	1472	External Affairs-South Region	CSAM01	Provide Service Delivery	742783.64	95,346.36	838,130.00				
903000	1471	LCS-Chicago/National Accounts	CSAM01	Provide Service Delivery	3465990.65	147,791.14	3,613,781.79				
903000	1474	LCS-Suburban	CSAM01	Provide Service Delivery	3548296.77	82,456.38	3,630,753.15				
903000	1496	Systems Support West	CSCC0001	Call Center Management		233.46	233.46				
903000	1451	Oak Brook Call Center	CSCC0001	Call Center Management		640.00	640.00				
903000	412	Capitalized Overheads-CED	CSCC01	Call Center Management		1.05	1.05				
903000	7998	CED Operations Cap OH's	CSCC01	Call Center Management		15.38	15.38				
903000	1493	Billing - WEST	CSCC01	Call Center Management		90.09	90.09				
903000	7352	SSC-Rockford	CSCC01	Call Center Management	73.16	34.08	107.24				
903000	1510	AMI Deployment	CSCC01	Call Center Management		207.36	207.36				
903000	1496	Systems Support West	CSCC01	Call Center Management		247.20	247.20				
903000	1497	Project Planning ComEd	CSCC01	Call Center Management	8.43	1,400.00	1,408.43				
903000	1473	External Affairs-Chi & Maywood	CSCC01	Call Center Management	1497.12		1,497.12				
903000	1461	Customer Relations West	CSCC01	Call Center Management	1788.56		1,788.56				
903000	1452	Chicago Reg Call Center	CSCC01	Call Center Management		3,029.30	3,029.30				
903000	8212	Distribution Facil & Services	CSCC01	Call Center Management	5341.88	4,152.39	9,494.27				
903000	1450	VP Customer Care	CSCC01	Call Center Management	92661.54	55,054.57	147,716.11				
903000	419	Support Services West	CSCC01	Call Center Management	525	264,469.83	264,994.83				
903000	7999	T&D General Co Activities	CSCC01	Call Center Management	1081115.38		1,081,115.38				
903000	1454	Resource Management	CSCC01	Call Center Management	1099245.6	316,697.56	1,415,943.16				
903000	1451	Oak Brook Call Center	CSCC01	Call Center Management	12582923.84	1,600,658.36	14,183,582.20				
903000	8575	ComEd CARE Program	CSCC02	Call Center Employee Costs	-27.06		(27.06)				
903000	1493	Billing - WEST	CSCC02	Call Center Employee Costs	40.62		40.62				
903000	7460	Regional Ops Rock River	CSCC02	Call Center Employee Costs	65.06	8.28	73.34				
903000	3460	Regional Operations Chicago	CSCC02	Call Center Employee Costs	80.12	7.67	87.79				
903000	6460	Field Services Support	CSCC02	Call Center Employee Costs	206.28	17.55	223.83				
903000	3463	Field Service Chgo So	CSCC02	Call Center Employee Costs	2509.75	310.88	2,820.63				
903000	4702	T&S Chicago Operations	CSCC02	Call Center Employee Costs	4315.84	3,037.74	7,353.58				
903000	1461	Customer Relations West	CSCC02	Call Center Employee Costs	51646.99		51,646.99				
903000	1452	Chicago Reg Call Center	CSCC02	Call Center Employee Costs	90477.64		90,477.64				
903000	1492	Revenue Management	CSCC02	Call Center Employee Costs	1103726.13		1,103,726.13				
903000	7999	T&D General Co Activities	CSCC02	Call Center Employee Costs	1280058.95		1,280,058.95				
903000	1451	Oak Brook Call Center	CSCC02	Call Center Employee Costs	18497322.12	5,295.28	18,502,617.40				
903000	1454	Resource Management	CSCC04	21st Century Costs-Call Center		77,477.46	77,477.46				
903000	7999	T&D General Co Activities	CSCCCD	Call Center Credit Disconnect	-286.72		(286.72)				
903000	1451	Oak Brook Call Center	CSCCCD	Call Center Credit Disconnect	3821475.89	95.70	3,821,571.59				
903000	412	Capitalized Overheads-CED	CSFM15	Provide Billing Services		1.13	1.13				

Commonwealth Edison Company
The Determination of the Single Bill Option Operation and Maintenance Costs
Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	7998	CED Operations Cap OH's	CSFM15	Provide Billing Services		23.29	23.29				
903000	1492	Revenue Management	CSFM15	Provide Billing Services	47.18		47.18				
903000	7663	M & C - Dixon OH	CSFM15	Provide Billing Services	142.01	50.32	192.33				
903000	4496	Libertyville Meter Reading	CSFM15	Provide Billing Services	480.92		480.92				
903000	3421	Chicago North Meter Reading	CSFM15	Provide Billing Services	723.22		723.22				
903000	6493	Univ Park Meter Reading	CSFM15	Provide Billing Services	894.41		894.41				
903000	1510	AMI Deployment	CSFM15	Provide Billing Services	1102.79	0.12	1,102.91				
903000	7495	Rockford Meter Reading	CSFM15	Provide Billing Services	1363.91		1,363.91				
903000	3423	Chicago South Meter Reading	CSFM15	Provide Billing Services	2267.12		2,267.12				
903000	6494	Crestwood Meter Reading	CSFM15	Provide Billing Services	2545.63		2,545.63				
903000	7468	Field Service Elgin	CSFM15	Provide Billing Services	69559.92	10,378.65	79,938.57				
903000	7460	Regional Ops Rock River	CSFM15	Provide Billing Services	91068.53	3,911.43	94,979.96				
903000	6463	Field Service University Park	CSFM15	Provide Billing Services	86624.68	11,297.47	97,922.15				
903000	6468	Field Service Bolingbrook	CSFM15	Provide Billing Services	86499.09	12,880.68	99,379.77				
903000	7467	Field Service Aurora	CSFM15	Provide Billing Services	90401.98	11,117.96	101,519.94				
903000	4464	Field Service Primary Meter	CSFM15	Provide Billing Services	104175.62	13,097.45	117,273.07				
903000	4469	Field Service Glenbard	CSFM15	Provide Billing Services	103588.36	13,943.68	117,532.04				
903000	4463	Field Service Mt Prospect	CSFM15	Provide Billing Services	107380.34	14,170.34	121,550.68				
903000	3460	Regional Operations Chicago	CSFM15	Provide Billing Services	120084.53	3,419.30	123,503.83				
903000	4467	Field & Meter Services-Skokie	CSFM15	Provide Billing Services	114442.11	18,670.84	133,112.95				
903000	4466	Field Service Libertyville	CSFM15	Provide Billing Services	131123.1	16,564.85	147,687.95				
903000	6464	Field Service Crestwood	CSFM15	Provide Billing Services	151299.96	18,715.68	170,015.64				
903000	6461	Field Service Joliet	CSFM15	Provide Billing Services	189692.96	20,118.48	199,811.44				
903000	7465	Field Service Rockford	CSFM15	Provide Billing Services	183386.05	26,932.63	210,318.68				
903000	4468	Field Service Maywood	CSFM15	Provide Billing Services	200377.9	24,624.78	225,002.68				
903000	7999	T&D General Co Activities	CSFM15	Provide Billing Services	294103.37		294,103.37				
903000	6460	Field Services Support	CSFM15	Provide Billing Services	470984.78	27,235.56	498,220.34				
903000	3463	Field Service Chgo So	CSFM15	Provide Billing Services	994808.26	121,890.09	1,116,698.35				
903000	3461	Field Service Chicago	CSFM15	Provide Billing Services	1118570.62	118,597.50	1,237,168.12				
903000	4464	Field Service Primary Meter	CSFM16	Cut Outs for Non Payment	-3751.52	(516.81)	(4,268.33)				
903000	6494	Crestwood Meter Reading	CSFM16	Cut Outs for Non Payment	49.56		49.56				
903000	7495	Rockford Meter Reading	CSFM16	Cut Outs for Non Payment	79.27		79.27				
903000	3193	Subst Ops-Jefferson	CSFM16	Cut Outs for Non Payment	120.27	9.17	129.44				
903000	7190	Operations Manager-West	CSFM16	Cut Outs for Non Payment		155.26	155.26				
903000	412	Capitalized Overheads-CED	CSFM16	Cut Outs for Non Payment		164.74	164.74				
903000	7194	Substation Operation NW-West	CSFM16	Cut Outs for Non Payment	173.84	24.90	198.74				
903000	6493	Univ Park Meter Reading	CSFM16	Cut Outs for Non Payment	227.42		227.42				
903000	7184	OES-Dixon/Freeport	CSFM16	Cut Outs for Non Payment	180.15	55.57	235.72				
903000	6194	OES-Joliet	CSFM16	Cut Outs for Non Payment	359.87	80.65	440.52				
903000	7182	OES-Aurora	CSFM16	Cut Outs for Non Payment	321.25	123.40	444.65				
903000	1492	Revenue Management	CSFM16	Cut Outs for Non Payment	530.21		530.21				
903000	7186	OES - DeKalb	CSFM16	Cut Outs for Non Payment	461.98	109.12	571.10				
903000	3194	OES-Chicago North	CSFM16	Cut Outs for Non Payment	2097.5	523.92	2,621.42				
903000	6195	OES-Glenbard	CSFM16	Cut Outs for Non Payment	2302.94	549.04	2,851.98				
903000	7998	CED Operations Cap OH's	CSFM16	Cut Outs for Non Payment		3,043.06	3,043.06				
903000	1510	AMI Deployment	CSFM16	Cut Outs for Non Payment	6073.92	0.38	6,074.30				
903000	7183	OES-Elgin	CSFM16	Cut Outs for Non Payment	6181.55	1,874.99	8,056.54				
903000	7195	OES-Rockford	CSFM16	Cut Outs for Non Payment	6683.89	2,014.06	8,697.95				
903000	4468	Field Service Maywood	CSFM16	Cut Outs for Non Payment	20205.21	2,304.95	22,510.16				
903000	6468	Field Service Bolingbrook	CSFM16	Cut Outs for Non Payment	43941.77	6,174.33	50,116.10				
903000	7460	Regional Ops Rock River	CSFM16	Cut Outs for Non Payment	60805.15	2,788.88	63,594.03				
903000	3460	Regional Operations Chicago	CSFM16	Cut Outs for Non Payment	81714.72	2,964.11	84,678.83				
903000	4467	Field & Meter Services-Skokie	CSFM16	Cut Outs for Non Payment	79739.46	12,135.10	91,874.56				
903000	4463	Field Service Mt Prospect	CSFM16	Cut Outs for Non Payment	84256.85	10,283.13	94,539.98				
903000	4469	Field Service Glenbard	CSFM16	Cut Outs for Non Payment	84513.99	10,971.38	95,485.37				
903000	7467	Field Service Aurora	CSFM16	Cut Outs for Non Payment	90272.24	10,224.33	100,496.57				
903000	7468	Field Service Elgin	CSFM16	Cut Outs for Non Payment	93281.06	14,754.08	108,035.14				
903000	4466	Field Service Libertyville	CSFM16	Cut Outs for Non Payment	133920.36	16,128.26	150,048.62				
903000	6463	Field Service University Park	CSFM16	Cut Outs for Non Payment	157714.56	18,828.38	176,542.94				
903000	7999	T&D General Co Activities	CSFM16	Cut Outs for Non Payment	190293.02		190,293.02				
903000	6461	Field Service Joliet	CSFM16	Cut Outs for Non Payment	177529.81	21,179.55	198,709.36				
903000	7465	Field Service Rockford	CSFM16	Cut Outs for Non Payment	216094.17	26,932.70	243,026.87				
903000	6464	Field Service Crestwood	CSFM16	Cut Outs for Non Payment	268708.45	31,323.07	299,031.52				
903000	6460	Field Services Support	CSFM16	Cut Outs for Non Payment	321406.06	23,256.39	344,662.45				
903000	3463	Field Service Chgo So	CSFM16	Cut Outs for Non Payment	444282.3	53,414.10	497,696.40				
903000	3461	Field Service Chicago	CSFM16	Cut Outs for Non Payment	795652.32	80,774.17	876,426.49				
903000	412	Capitalized Overheads-CED	CSFM17	Cut In Non Payment Accounts		13.16	13.16				
903000	3421	Chicago North Meter Reading	CSFM17	Cut In Non Payment Accounts	27.52		27.52				
903000	7495	Rockford Meter Reading	CSFM17	Cut In Non Payment Accounts	38.34		38.34				
903000	6493	Univ Park Meter Reading	CSFM17	Cut In Non Payment Accounts	43.25		43.25				
903000	7195	OES-Rockford	CSFM17	Cut In Non Payment Accounts	82.22	23.25	105.47				
903000	7998	CED Operations Cap OH's	CSFM17	Cut In Non Payment Accounts		304.79	304.79				
903000	1492	Revenue Management	CSFM17	Cut In Non Payment Accounts	673.58		673.58				
903000	1510	AMI Deployment	CSFM17	Cut In Non Payment Accounts	1153.58	0.10	1,153.68				
903000	7183	OES-Elgin	CSFM17	Cut In Non Payment Accounts	1734.67	815.16	2,549.83				

Commonwealth Edison Company
The Determination of the Single Bill Option Operation and Maintenance Costs
Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	4464	Field Service Primary Meter	CSFM17	Cut In Non Payment Accounts	2791.45	417.85	3,209.30				
903000	4468	Field Service Maywood	CSFM17	Cut In Non Payment Accounts	11674.01	1,498.77	13,172.78				
903000	7460	Regional Ops Rock River	CSFM17	Cut In Non Payment Accounts	35926.38	1,612.44	37,538.82				
903000	3460	Regional Operations Chicago	CSFM17	Cut In Non Payment Accounts	48778.36	1,733.05	50,511.41				
903000	6468	Field Service Bolingbrook	CSFM17	Cut In Non Payment Accounts	47991.09	6,905.76	54,896.85				
903000	4469	Field Service Glenbard	CSFM17	Cut In Non Payment Accounts	50654.95	6,914.21	57,569.16				
903000	4467	Field & Meter Services-Skokie	CSFM17	Cut In Non Payment Accounts	55067	8,789.93	63,856.93				
903000	4463	Field Service Mt Prospect	CSFM17	Cut In Non Payment Accounts	75720.38	9,981.86	85,702.24				
903000	7467	Field Service Aurora	CSFM17	Cut In Non Payment Accounts	82606.98	10,124.68	92,731.64				
903000	7468	Field Service Elgin	CSFM17	Cut In Non Payment Accounts	80070.32	12,718.39	92,788.71				
903000	7999	T&D General Co Activities	CSFM17	Cut In Non Payment Accounts	104636.52		104,636.52				
903000	6463	Field Service University Park	CSFM17	Cut In Non Payment Accounts	103107.92	12,206.53	115,314.45				
903000	4466	Field Service Libertyville	CSFM17	Cut In Non Payment Accounts	107660.19	13,122.73	120,782.92				
903000	6461	Field Service Joliet	CSFM17	Cut In Non Payment Accounts	135611.17	16,244.27	151,855.44				
903000	7465	Field Service Rockford	CSFM17	Cut In Non Payment Accounts	145245.79	20,170.34	165,416.13				
903000	6464	Field Service Crestwood	CSFM17	Cut In Non Payment Accounts	167887.05	19,817.81	187,704.86				
903000	3463	Field Service Chgo So	CSFM17	Cut In Non Payment Accounts	167570.32	20,585.92	188,156.24				
903000	6460	Field Services Support	CSFM17	Cut In Non Payment Accounts	189611.45	13,818.67	203,430.12				
903000	3461	Field Service Chicago	CSFM17	Cut In Non Payment Accounts	343340.12	34,958.49	378,298.61				
903000	1490	System Meter	CSFM18	Provide AMR Cellular Services		366,359.67	366,359.67				
903000	1451	Oak Brook Call Center	CSFM24	Field & Mtr Non Field Activity	0.78	0.76	1.54				
903000	412	Capitalized Overheads-CED	CSFM24	Field & Mtr Non Field Activity		19.77	19.77				
903000	7663	M & C - Dixon OH	CSFM24	Field & Mtr Non Field Activity	28.28	12.17	40.45				
903000	1492	Revenue Management	CSFM24	Field & Mtr Non Field Activity	89.22		89.22				
903000	6497	Bradley Meter Reading	CSFM24	Field & Mtr Non Field Activity	89.77		89.77				
903000	4496	Libertyville Meter Reading	CSFM24	Field & Mtr Non Field Activity	92.54		92.54				
903000	7492	DeKalb Meter Reading	CSFM24	Field & Mtr Non Field Activity	224.89	-	224.89				
903000	6493	Univ Park Meter Reading	CSFM24	Field & Mtr Non Field Activity	298.6		298.60				
903000	6494	Crestwood Meter Reading	CSFM24	Field & Mtr Non Field Activity	318.95		318.95				
903000	7998	CED Operations Cap OH's	CSFM24	Field & Mtr Non Field Activity		349.12	349.12				
903000	7495	Rockford Meter Reading	CSFM24	Field & Mtr Non Field Activity	759.53		759.53				
903000	3423	Chicago South Meter Reading	CSFM24	Field & Mtr Non Field Activity	1207.09		1,207.09				
903000	3421	Chicago North Meter Reading	CSFM24	Field & Mtr Non Field Activity	1901.14		1,901.14				
903000	1003	NRCG South Design	CSFM24	Field & Mtr Non Field Activity	2399.06	334.25	2,733.31				
903000	1510	AMI Deployment	CSFM24	Field & Mtr Non Field Activity	2754.6	0.24	2,754.84				
903000	6468	Field Service Bolingbrook	CSFM24	Field & Mtr Non Field Activity	78747.03	10,929.10	89,676.13				
903000	7467	Field Service Aurora	CSFM24	Field & Mtr Non Field Activity	98351.08	11,445.63	109,796.71				
903000	7460	Regional Ops Rock River	CSFM24	Field & Mtr Non Field Activity	107140.96	4,357.72	111,498.68				
903000	7468	Field Service Elgin	CSFM24	Field & Mtr Non Field Activity	97879.84	15,056.42	112,936.26				
903000	4463	Field Service Mt Prospect	CSFM24	Field & Mtr Non Field Activity	110303.52	13,564.87	123,868.39				
903000	4467	Field & Meter Services-Skokie	CSFM24	Field & Mtr Non Field Activity	113332.35	17,799.90	131,132.25				
903000	6463	Field Service University Park	CSFM24	Field & Mtr Non Field Activity	118790.51	14,539.73	133,330.24				
903000	4469	Field Service Glenbard	CSFM24	Field & Mtr Non Field Activity	121753.19	15,458.30	137,211.49				
903000	4464	Field Service Primary Meter	CSFM24	Field & Mtr Non Field Activity	122979.89	14,457.80	137,437.69				
903000	4468	Field Service Maywood	CSFM24	Field & Mtr Non Field Activity	124010.99	14,785.72	138,796.71				
903000	3460	Regional Operations Chicago	CSFM24	Field & Mtr Non Field Activity	140316.14	4,089.50	144,405.64				
903000	4466	Field Service Libertyville	CSFM24	Field & Mtr Non Field Activity	176909.49	22,584.75	199,494.24				
903000	6461	Field Service Joliet	CSFM24	Field & Mtr Non Field Activity	186154.78	21,005.56	207,160.32				
903000	7465	Field Service Rockford	CSFM24	Field & Mtr Non Field Activity	215814.5	30,377.66	246,192.16				
903000	7999	T&D General Co Activities	CSFM24	Field & Mtr Non Field Activity	330227.22		330,227.22				
903000	6464	Field Service Crestwood	CSFM24	Field & Mtr Non Field Activity	307965.18	36,368.08	344,333.26				
903000	6460	Field Services Support	CSFM24	Field & Mtr Non Field Activity	541542.54	29,888.38	571,430.92				
903000	3463	Field Service Chgo So	CSFM24	Field & Mtr Non Field Activity	982691.64	121,034.04	1,103,725.68				
903000	3461	Field Service Chicago	CSFM24	Field & Mtr Non Field Activity	1454649.34	151,268.57	1,605,917.91				
903000	1460	SrVP Cust Operations ComEd	CSFMS01	FMS Management Oversight	0	(1,476.39)	(1,476.39)				
903000	8540	Training Director	CSFMS01	FMS Management Oversight		139.23	139.23				
903000	7999	T&D General Co Activities	CSFMS01	FMS Management Oversight	5219.56		5,219.56				
903000	1450	VP Customer Care	CSFMS01	FMS Management Oversight	1134	5,296.14	6,430.14				
903000	1462	VP Field Ops ComEd	CSFMS01	FMS Management Oversight	72725.74	7,573.07	80,298.81				
903000	7460	Regional Ops Rock River	CSFMS01	Service Suspension Strategy		11,698.83	11,698.83				
903000	3460	Regional Operations Chicago	CSFMS01	Service Suspension Strategy		13,356.06	13,356.06				
903000	6460	Field Services Support	CSFMS01	Service Suspension Strategy		159,989.40	159,989.40				
903000	7999	T&D General Co Activities	CSMG01	Customer Ops PMO Expense	20350.87		20,350.87				
903000	8571	ComEd Customer Projects	CSMG01	Customer Ops PMO Expense	281682.58	292,672.10	574,354.68				
903000	1467	Revenue Protection Strategy	CSRR001	Manage Inactive Accounts		1,593.02	1,593.02				
903000	1492	Revenue Management	CSRR001	Manage Inactive Accounts		70,447.26	70,447.26				
903000	1467	Revenue Protection Strategy	CSRR01	Manage Inactive Accounts	11698.01	1,932.29	13,630.30				
903000	8579	ComEd Cust Assistance Program	CSRR01	Manage Inactive Accounts	71075.68	555.24	71,630.92				
903000	7999	T&D General Co Activities	CSRR01	Manage Inactive Accounts	81568.8		81,568.80				
903000	1492	Revenue Management	CSRR01	Manage Inactive Accounts	1049718.44	2,207,087.14	3,256,805.58				
903000	3340	Cust Req Commercial Ctr-ComEd	CSSB02	Investigate Billing Exceptions	-5995.88	3.22	(5,992.66)				
903000	1451	Oak Brook Call Center	CSSB02	Investigate Billing Exceptions	1221	(0.42)	1,220.58				
903000	1492	Revenue Management	CSSB02	Investigate Billing Exceptions		2,240.65	2,240.65				
903000	1467	Revenue Protection Strategy	CSSB02	Investigate Billing Exceptions		3,523.50	3,523.50				
903000	1491	Cust Financial Ops ComEd	CSSB02	Investigate Billing Exceptions		3,934.00	3,934.00				

Commonwealth Edison Company
The Determination of the Single Bill Option Operation and Maintenance Costs
Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	1480	Billing Operations - AMI	CSSB02	Investigate Billing Exceptions	21557.29		21,557.29			21,557.29	
903000	7999	T&D General Co Activities	CSSB02	Investigate Billing Exceptions	443571.26		443,571.26			443,571.26	
903000	1493	Billing - WEST	CSSB02	Investigate Billing Exceptions	7001410.85	590,471.72	7,591,882.57			7,591,882.57	
903000	1511	AMI Operations	CSSS01	Respond to Customer Complaints		(34.32)	(34.32)				
903000	1492	Revenue Management	CSSS01	Respond to Customer Complaints		218.16	218.16				
903000	1497	Project Planning ComEd	CSSS01	Respond to Customer Complaints		10,168.70	10,168.70				
903000	1496	Systems Support West	CSSS01	Respond to Customer Complaints		18,901.17	18,901.17				
903000	7999	T&D General Co Activities	CSSS01	Respond to Customer Complaints	68872.6		68,872.60				
903000	1461	Customer Relations West	CSSS01	Respond to Customer Complaints	940377.47	12,471.95	952,849.42				
903000	7999	T&D General Co Activities	CSUCBONM	Ongoing O&M Costs for UCBPOR	108.22		108.22				
903000	8518	Energy Acquisition ComEd	CSUCBONM	Ongoing O&M Costs for UCBPOR	1503.32		1,503.32				
903000	8522	Regulatory Department	CSUCBONM	Ongoing O&M Costs for UCBPOR		3,609.50	3,609.50				
903000	314	EBSC IT Serv - CED	CSUCBONM	Ongoing O&M Costs for UCBPOR		91,982.15	91,982.15				
903000	402	Legal Ext. Svcs - COMED	CSUCBONM	Ongoing O&M Costs for UCBPOR		112,579.00	112,579.00				
903000	1451	Oak Brook Call Center	CSVPO2	Manage Personnel - Acct 903		1,148.88	1,148.88				
903000	1462	VP Field Ops ComEd	CSVPO2	Manage Personnel - Acct 903		14,702.00	14,702.00				
903000	7999	T&D General Co Activities	CSVPO2	Manage Personnel - Acct 903	53793.07		53,793.07				
903000	1454	Resource Management	CSVPO2	Manage Personnel - Acct 903	150688.74	32,078.25	182,766.99				
903000	1450	VP Customer Care	CSVPO2	Manage Personnel - Acct 903	244494.49	18,034.58	262,529.07				
903000	1460	SRVP Cust Operations ComEd	CSVPO2	Manage Personnel - Acct 903		330,772.98	330,772.98				
903000	1464	VP Cust Rev Assurance Ops CED	CSVPO2	Manage Personnel - Acct 903	311706.14	82,464.86	394,171.00				
903000	1494	Meter Reading Manager	DRVCAMOM	Drive Cam Expense		43,011.99	43,011.99				
903000	8000	CED Exelon Way	ITCELLUL	ComEd Cellular Usage		16.13	16.13				
903000	416	IT passthrough-ComEd	ITCELLUL	ComEd Cellular Usage		757,796.69	757,796.69				
903000	314	EBSC IT Serv - CED	ITCMMTC	CIMS Application Maintenance		6,064,709.14	6,064,709.14				
903000	416	IT passthrough-ComEd	ITCIRCTC	IT Circuit - Call Center		612,692.24	612,692.24				
903000	416	IT passthrough-ComEd	ITCIRCTL	IT Circuit - Local & Long Dist		809,952.05	809,952.05				
903000	416	IT passthrough-ComEd	ITCIRCTP	IT Circuit - Protective		1,166,254.09	1,166,254.09				
903000	311	IT Cust Serv Regulatory -CED	ITCS3015	IT Customer Software Maint W		2,344,511.37	2,344,511.37				
903000	395	IT Projects - COMED	ITCS323	PIPP - O&M		22,149.64	22,149.64				
903000	483	Non Tariff Marketing	ITCS3436	Rate Case Remand - Exp	177.4	0.70	178.10				
903000	1451	Oak Brook Call Center	ITCS3436	Rate Case Remand - Exp	484.55	(0.13)	484.42				
903000	824	Controller - ComEd	ITCS3436	Rate Case Remand - Exp	646.54		646.54				
903000	1457	eChannel	ITCS3436	Rate Case Remand - Exp	299.21	475.47	774.68				
903000	1492	Revenue Management	ITCS3436	Rate Case Remand - Exp	987.98		987.98				
903000	7999	T&D General Co Activities	ITCS3436	Rate Case Remand - Exp	1684	0.01	1,684.01				
903000	8571	ComEd Customer Projects	ITCS3436	Rate Case Remand - Exp	18786.45	2,790.09	21,576.54				
903000	395	IT Projects - COMED	ITCS3436	Rate Case Remand - Exp		114,402.27	114,402.27				
903000	431	ComEd IT Project	ITCS3475	Bankruptcy Compliance O&M	-15.81	528.17	512.36				
903000	412	Capitalized Overheads-CED	ITCS3532	Part 280 - O&M		35.01	35.01				
903000	7998	CED Operations Cap OH's	ITCS3532	Part 280 - O&M		588.71	588.71				
903000	1513	AMI Business Transf Office	ITCS3532	Part 280 - O&M	744.09		744.09				
903000	1493	Billing - WEST	ITCS3532	Part 280 - O&M	1424.29		1,424.29				
903000	1470	Gov Affairs Strategy & Support	ITCS3532	Part 280 - O&M	1819.22		1,819.22				
903000	402	Legal Ext. Svcs - COMED	ITCS3532	Part 280 - O&M		1,926.23	1,926.23				
903000	1457	eChannel	ITCS3532	Part 280 - O&M	1862.9	327.24	2,190.14				
903000	1451	Oak Brook Call Center	ITCS3532	Part 280 - O&M	2556.52	0.01	2,556.53				
903000	602	Claims Department	ITCS3532	Part 280 - O&M	3051.47	100.23	3,151.70				
903000	3325	Rock River - ComEd	ITCS3532	Part 280 - O&M	4185.76	294.39	4,480.15				
903000	1461	Customer Relations West	ITCS3532	Part 280 - O&M	7104.34		7,104.34				
903000	7999	T&D General Co Activities	ITCS3532	Part 280 - O&M	7143.14		7,143.14				
903000	8522	Regulatory Department	ITCS3532	Part 280 - O&M	15588.31		15,588.31				
903000	8571	ComEd Customer Projects	ITCS3532	Part 280 - O&M		123,458.10	123,458.10				
903000	395	IT Projects - COMED	ITCS3532	Part 280 - O&M		531,767.78	531,767.78				
903000	1492	Revenue Management	ITCS3532	Part 280 - O&M	43572.94	557,440.64	601,013.58				
903000	8571	ComEd Customer Projects	ITCS3550	PIPP Recertification - InitO&M		219.71	219.71				
903000	395	IT Projects - COMED	ITCS3550	PIPP Recertification - InitO&M		17,505.55	17,505.55				
903000	395	IT Projects - COMED	ITCS3568	CIS North Star - O&M		(3,469.61)	(3,469.61)				
903000	313	IT Real Time - CED	ITCS3568	CIS North Star - O&M		33.56	33.56				
903000	395	IT Projects - COMED	ITCS3634	Cust Experience Enhance - O&M		(87,179.55)	(87,179.55)				
903000	7999	T&D General Co Activities	ITCS3634	Cust Experience Enhance - O&M	2461.07		2,461.07				
903000	1464	Resource Management	ITCS3634	Cust Experience Enhance - O&M	4796.23		4,796.23				
903000	8571	ComEd Customer Projects	ITCS3634	Cust Experience Enhance - O&M	26142.34	571.79	26,714.13				
903000	1457	eChannel	ITCS3696	Web Address Lookup O&M	18618.98	15,300.00	33,918.98				
903000	395	IT Projects - COMED	ITCS3696	Web Address Lookup O&M		(8,448.00)	(8,448.00)				
903000	8571	ComEd Customer Projects	ITCS3696	Web Address Lookup O&M		2,168.43	2,168.43				
903000	7999	T&D General Co Activities	ITCS3708	Rate Design Investigation O&M	50.59		50.59				
903000	824	Controller - ComEd	ITCS3708	Rate Design Investigation O&M	661.39		661.39				
903000	8571	ComEd Customer Projects	ITCS3708	Rate Design Investigation O&M		14,194.66	14,194.66				
903000	395	IT Projects - COMED	ITCS3708	Rate Design Investigation O&M		63,242.02	63,242.02				
903000	7999	T&D General Co Activities	ITCS3721	Cust Exp Enhance Mobile - O&M	66.32		66.32				
903000	1457	eChannel	ITCS3721	Cust Exp Enhance Mobile - O&M	323.07		323.07				
903000	8571	ComEd Customer Projects	ITCS3721	Cust Exp Enhance Mobile - O&M	881.87	0.82	882.69				
903000	395	IT Projects - COMED	ITCS3721	Cust Exp Enhance Mobile - O&M		59,587.94	59,587.94				
903000	7999	T&D General Co Activities	ITCS3722	Cust Exp eBill/ePay - O&M	93.23		93.23				

Commonwealth Edison Company
The Determination of the Single Bill Option Operation and Maintenance Costs
Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	8571	ComEd Customer Projects	ITCS3722	Cust Exp eBill/ePay - O&M	352.54	0.45	352.99				
903000	1457	eChannel	ITCS3722	Cust Exp eBill/ePay - O&M	1479.04	(0.05)	1,478.99				
903000	395	IT Projects - COMED	ITCS3722	Cust Exp eBill/ePay - O&M		228,897.74	228,897.74				
903000	7999	T&D General Co Activities	ITCS3723	Cust Exp Opower Integra - O&M	1769.15		1,769.15				
903000	486	Energy Efficiency Services	ITCS3723	Cust Exp Opower Integra - O&M	4594.7	1.71	4,596.41				
903000	1457	eChannel	ITCS3723	Cust Exp Opower Integra - O&M	4575.8	134.62	4,710.42				
903000	8571	ComEd Customer Projects	ITCS3723	Cust Exp Opower Integra - O&M	20636.29	788.86	21,425.15				
903000	431	ComEd IT Project	ITCS3723	Cust Exp Opower Integra - O&M		24,731.78	24,731.78				
903000	395	IT Projects - COMED	ITCS3723	Cust Exp Opower Integra - O&M		57,236.32	57,236.32				
903000	7999	T&D General Co Activities	ITCS3724	Cust Exp Preference Mgm - O&M	2321.74		2,321.74				
903000	1457	eChannel	ITCS3724	Cust Exp Preference Mgm - O&M	4914.51	0.95	4,915.46				
903000	8571	ComEd Customer Projects	ITCS3724	Cust Exp Preference Mgm - O&M	18745	3,455.14	22,200.14				
903000	395	IT Projects - COMED	ITCS3724	Cust Exp Preference Mgm - O&M		173,452.49	173,452.49				
903000	7999	T&D General Co Activities	ITCS3725	Address Cleanup O&M	775.14		775.14				
903000	1492	Revenue Management	ITCS3725	Address Cleanup O&M	1711.72		1,711.72				
903000	8571	ComEd Customer Projects	ITCS3725	Address Cleanup O&M	6161.01	1,210.00	7,371.01				
903000	395	IT Projects - COMED	ITCS3725	Address Cleanup O&M		34,086.17	34,086.17				
903000	395	IT Projects - COMED	ITCS3726	IVR Convergence O&M		(28,309.17)	(28,309.17)				
903000	7999	T&D General Co Activities	ITCS3726	IVR Convergence O&M	780.21		780.21				
903000	1454	Resource Management	ITCS3726	IVR Convergence O&M	1515.82	1.18	1,517.00				
903000	8571	ComEd Customer Projects	ITCS3726	IVR Convergence O&M	4569.47	(2,932.56)	1,636.91				
903000	1457	eChannel	ITCS3726	IVR Convergence O&M	10557.87	952.98	11,510.85				
903000	395	IT Projects - COMED	ITCS3737	IVR Convergence O&M		21,148.29	21,148.29				
903000	7999	T&D General Co Activities	ITCS3739	Custom PLC/NSPL Rates O&M	27.59		27.59				
903000	1492	Revenue Management	ITCS3739	Custom PLC/NSPL Rates O&M	272.56		272.56				
903000	8571	ComEd Customer Projects	ITCS3739	Custom PLC/NSPL Rates O&M		16,742.05	16,742.05				
903000	395	IT Projects - COMED	ITCS3739	Custom PLC/NSPL Rates O&M		103,684.07	103,684.07				
903000	7999	T&D General Co Activities	ITCS3753	Rider CCA O&M	129.81		129.81				
903000	8571	ComEd Customer Projects	ITCS3753	Rider CCA O&M	987.18	269.08	1,256.26				
903000	395	IT Projects - COMED	ITCS3753	Rider CCA O&M		6,185.44	6,185.44				
903000	431	ComEd IT Project	ITIM1001	Peak Time Rebate - Exp		43,272.00	43,272.00				
903000	395	IT Projects - COMED	ITIM1001	Peak Time Rebate - Exp		115,891.93	115,891.93				
903000	440	EIMA - IT Customer Projects	ITIM1001	Peak Time Rebate - Exp		153,086.92	153,086.92				
903000	32	Office of the Chairman/CEO	ITPASCOM	central passthroughs		12.31	12.31				
903000	416	IT passthrough-ComEd	ITPASCOM	central passthroughs		87,098.09	87,098.09				
903000	8514	Fleet Operations West	ITSBCSVC	SBC As Requested Services ComE		(51.60)	(51.60)				
903000	6584	Fleet Crestwood	ITSBCSVC	SBC As Requested Services ComE		9.27	9.27				
903000	3460	Regional Operations Chicago	ITSBCSVC	SBC As Requested Services ComE		13.45	13.45				
903000	6251	SSC-Joliet	ITSBCSVC	SBC As Requested Services ComE		17.73	17.73				
903000	4804	Work Mgmt & Support	ITSBCSVC	SBC As Requested Services ComE		21.44	21.44				
903000	1472	External Affairs-South Region	ITSBCSVC	SBC As Requested Services ComE		26.91	26.91				
903000	4589	Fleet Maywood	ITSBCSVC	SBC As Requested Services ComE		42.89	42.89				
903000	4747	Transmission Line - ComEd	ITSBCSVC	SBC As Requested Services ComE		48.86	48.86				
903000	124	HR Operations CED	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	3194	OES-Chicago North	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	3199	Subst Ops-Atrium	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	3313	CBS-Chicago South	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	3423	Chicago South Meter Reading	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	3641	Chicago Reg. Dist Eng & Design	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	4705	Testing Group Operations-ComEd	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	6581	Fleet Joliet	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	6643	South Reg Proj & Reliability E	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	6663	M&C-University Park OH	ITSBCSVC	SBC As Requested Services ComE		51.59	51.59				
903000	3681	T&S Network Highrise Group	ITSBCSVC	SBC As Requested Services ComE		64.96	64.96				
903000	6500	Work Control - South	ITSBCSVC	SBC As Requested Services ComE		64.96	64.96				
903000	8561	Emergency Preparedness	ITSBCSVC	SBC As Requested Services ComE		73.03	73.03				
903000	431	ComEd IT Project	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	520	Real Estate Services	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	1457	eChannel	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	1510	AMI Deployment	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	1513	AMI Business Transf Office	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	4689	Distribution Automation	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	4731	Transmission System Ops-ComEd	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	4757	Capacity Planning North	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	6460	Field Services Support	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8105	Mapping & Records	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8208	Indust Proj Mgmt.	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8224	System Cable Proj Mgmt	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8248	Relay & Protection Eng - ComEd	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8254	Substation Engineering	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8256	Transmission Engineering	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8518	Energy Acquisition ComEd	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8522	Regulatory Department	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8540	Training Director	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				
903000	8541	Safety & Industrial hygiene	ITSBCSVC	SBC As Requested Services ComE		77.72	77.72				

Commonwealth Edison Company
 The Determination of the Single Bill Option Operation and Maintenance Costs
 Account 903 - Customer Records and Collection Expenses

FERC - ID	Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Labor	Other	Total	SBO Payroll	SBO Other	SBO Total	Notes
903000	8556	Electric Operations Trg.	ITSBCSV	SBC As Requested Services ComE		77.72	77.72				
903000	486	Energy Efficiency Services	ITSBCSV	SBC As Requested Services ComE		99.01	99.01				
903000	3311	CBS-Chicago North	ITSBCSV	SBC As Requested Services ComE		103.18	103.18				
903000	7668	M&C - Elgin OH	ITSBCSV	SBC As Requested Services ComE		149.04	149.04				
903000	1467	Revenue Protection Strategy	ITSBCSV	SBC As Requested Services ComE		155.44	155.44				
903000	1511	AMI Operations	ITSBCSV	SBC As Requested Services ComE		155.44	155.44				
903000	3887	Distribution Work Strategy	ITSBCSV	SBC As Requested Services ComE		155.44	155.44				
903000	8216	Trsm Proj Mgmt	ITSBCSV	SBC As Requested Services ComE		155.44	155.44				
903000	1497	Project Planning ComEd	ITSBCSV	SBC As Requested Services ComE		160.51	160.51				
903000	189	Communications- ComEd	ITSBCSV	SBC As Requested Services ComE		161.48	161.48				
903000	8205	Office of VP - Trans. & Subst	ITSBCSV	SBC As Requested Services ComE		194.48	194.48				
903000	3463	Field Service Chgo So	ITSBCSV	SBC As Requested Services ComE		202.72	202.72				
903000	1451	Oak Brook Call Center	ITSBCSV	SBC As Requested Services ComE		296.12	296.12				
903000	8212	Distribution Facil & Services	ITSBCSV	SBC As Requested Services ComE	699.01	113.16	812.17				
903000	416	IT passthrough-ComEd	ITSBCSV	SBC As Requested Services ComE		3,322.92	3,322.92				
903000	4787	Reliability Programs - ComEd	ITSLACOM	ComEd Centrally held SLAs		81.42	81.42				
903000	8508	Material AvailT&S	ITSLACOM	ComEd Centrally held SLAs		81.42	81.42				
903000	314	EBSC IT Serv - CED	ITSLACOM	ComEd Centrally held SLAs		12,637,499.20	12,637,499.20				
903000	6496	Streator Meter Reading	ITTFPCST	Tools for People - Customer		8.96	8.96				
903000	4469	Field Service Glenbard	ITTFPCST	Tools for People - Customer		370.11	370.11				
903000	1490	System Meter	ITTFPCST	Tools for People - Customer		889.60	889.60				
903000	1462	VP Field Ops ComEd	ITTFPCST	Tools for People - Customer		1,231.75	1,231.75				
903000	1494	Meter Reading Manager	ITTFPCST	Tools for People - Customer		27,254.20	27,254.20				
903000	7998	T&D General Co Activities	ITTRAINC	IT Training Costs	9406.83		9,406.83				
903000	437	EIMA - IT Operations Projects	ITTRAINC	IT Training Costs	15709.95		15,709.95				
903000	440	EIMA - IT Customer Projects	ITTRAINC	IT Training Costs	30643.73		30,643.73				
903000	313	IT Real Time - CED	ITTRAINC	IT Training Costs	96775.72	26,015.74	122,791.46				
903000	314	EBSC IT Serv - CED	ITUGNOC	ComEd UGNO		121,294.87	121,294.87				
903000	8557	Cust. Services & Apps. Trg.	TCCUST	Customer Service Training G&A		339.85	339.85				
903000	8556	Electric Operations Trg.	TCCUST	Customer Service Training G&A		1,127.93	1,127.93				
903000	8540	Training Director	TCCUST	Customer Service Training G&A	36433.81	3,443.39	39,877.20				
903000	7998	T&D General Co Activities	TCCUST	Customer Service Training G&A	83139.59		83,139.59				
903000	8554	Engineering & Support Trg.	TCCUST	Customer Service Training G&A	1094288.5	328,851.43	1,423,139.93				
903000	1451	Oak Brook Call Center	CSSB01	Mail Customer Billings		28.88	28.88	-	28.88	28.88	Additional Mailing Expense
903000	1492	Revenue Management	CSSB01	Mail Customer Billings		17,901,636.82	17,901,636.82	-	17,901,636.82	17,901,636.82	Regulus postage expenses (\$17.897M), and Horizon for the Blind contracting (\$0.0046M)
903000	1464	VP Cust Rev Assurance Ops CED	CSRR02	Collect Customer Payment		226.22	226.22	-	226.22	226.22	Identified as payment collection
903000	1492	Revenue Management	CSRR02	Collect Customer Payment	1,110,665.73	2,265,458.04	3,376,123.77	521,244.67	1,216,434.87	1,737,679.54	Other represents Contracting services for BancTec (process customer payments); Labor represents 6 FTS in payment processing group
903000	7998	T&D General Co Activities	CSRR02	Collect Customer Payment	70,488.90		70,488.90	70,488.90	-	70,488.90	Identified as payment collection
903000	1492	Revenue Management	CSRR03	Process Customer Payments		93,548.09	93,548.09	-	93,548.09	93,548.09	Contracting (pay agents) services for FIRSTECH (\$94k)
903000	1492	Revenue Management	FORMSEXP	Bill Print Forms Expense		1,245,710.30	1,245,710.30	-	1,245,710.30	1,245,710.30	Material cost associated with mailing paper bills.
Total					\$82,839,472	\$68,338,443	\$151,177,914	\$591,734	\$20,457,585	\$21,049,319	
								(1)		(2)	

Notes:
 (1) Input into ComEd Ex. 7.01, Sch 1b, line 313, Bill Issue & Processing column
 (2) Input into ComEd Ex. 7.01, Sch 1b, line 101, Bill Issue & Processing column

Commonwealth Edison Company
 The Determination of the Average Per Customer Standard Meter Costs

ACTIVE RESIDENTIAL - SINGLE STANDARD METER

STANDARD METER CODE	Number of Units for Residential Single Family Without Electric Space Heat Delivery Class	Number of Units for Residential Multi Family Without Electric Space Heat Delivery Class	Number of Units for Residential Single Family With Electric Space Heat Delivery Class	Number of Units for Residential Multi Family With Electric Space Heat Delivery Class	Total Number of Units for All Residential
AB	330	54	29	-	413
AM	5	2	1	-	8
AR	6	1	2	-	9
LA	149	-	133	9	291
LC	13,988	1,545	517	638	16,688
LD	15	341	-	446	802
LH	47	13	6	97	163
LJ	168	23	104	3	298
LR	448	4	37	1	490
MA	64	15	5	-	84
MC	2,782	1,277	70	103	4,232
MD	15	89	2	11	117
MH	93	162	9	28	292
MJ	50	20	11	15	96
MR	90	5	3	-	98
NA	18	-	3	-	21
NC	413,904	242,788	2,872	22,587	682,151
ND	-	-	-	1	1
NH	40	4	-	52	96
NJ	4	-	1	1	6
WA	4,159	22	1,135	175	5,491
WC	1,766,856	605,946	28,135	93,147	2,494,084
WD	3,057	205,831	43	41,123	250,054
WH	1,263	3,040	83	2,232	6,618
WJ	2,131	34	567	61	2,793
WR	29,000	298	1,136	23	30,457

STANDARD CT CODE

STANDARD CT CODE	Number of Units	Number of Units	Number of Units	Number of Units	Total Number of Units
CA	12,888	303	3,131	502	16,824
CC	21	-	14	-	35
CE	35	-	1	2	38
CI	6	-	-	3	9
CM	1,150	-	645	49	1,844
CU	2	-	-	-	2

STANDARD PT CODE

STANDARD PT CODE	Number of Units
PE	4

STANDARD RELAY CODE

STANDARD RELAY CODE	Number of Units	Number of Units	Number of Units	Number of Units	Total Number of Units
DW	329	55	30	-	414

Investment ⁽¹⁾	Annual O&M ⁽¹⁾	Annual Meter Reading ⁽¹⁾
	\$ 27.02	\$ 120.00
	\$ 27.02	\$ 60.00
	\$ 28.37	\$ 60.00
	\$ 42.05	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 42.05	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 42.05	\$ 19.44
REDACTED	\$ 15.22	\$ 19.44
	\$ 21.79	\$ 19.44
	\$ 42.05	\$ 19.44
	\$ 15.22	\$ 19.44
	\$ 42.05	\$ 0.12
	\$ 15.22	\$ 0.12
	\$ 28.64	\$ 0.12
	\$ 21.79	\$ 0.12
	\$ 42.05	\$ 0.12
	\$ 42.05	\$ 19.44
	\$ 0.37	\$ 19.44
	\$ 0.37	\$ 19.44
	\$ 21.79	\$ 19.44
	\$ 42.05	\$ 19.44
	\$ 0.37	\$ 19.44

\$ 216.40
\$ 261.42
\$ 610.16
\$ 617.91
\$ 515.04
\$ 807.83

\$ 852.79

\$ 178.65

All Residential Average Per Customer⁽²⁾

Investment	Annual O&M	Annual Meter Reading
\$ 162.32	\$ 3.55	\$ 16.13
\$ 1.32		
\$ -		
\$ 0.02		
CTs, PTs & RELAY	\$ 1.34	

	Residential Single Family Without Electric Space Heat Delivery Class	Residential Multi Family Without Electric Space Heat Delivery Class	Residential Single Family With Electric Space Heat Delivery Class	Residential Multi Family With Electric Space Heat Delivery Class	Total for All Residential Delivery Classes
Total Meters	2,238,682	1,061,514	34,904	160,753	3,495,853
Total CTs	14,102	303	3,794	553	18,752
Total PTs	4	-	-	-	4
Total Relays	329	55	30	-	414

Notes

- (1) The cost by meter-related facilities type are from ComEd Ex. 13.09 Revised, pages 3 through 6, in Docket No. 13-0387.
- (2) The per customer cost for meter-related facilities provided as standard is determined by taking the sum of the product of the number of meters for each meter-related facilities code times the cost and divided by the Total Meters for each of the delivery classes.

Commonwealth Edison Company
 The Determination of the Average Per Customer Standard Meter Costs

ACTIVE NONRESIDENTIAL UP TO 10 MW AND HIGH VOLTAGE- SINGLE STANDARD METER

STANDARD METER CODE	Number of Units for Watt-hour Delivery Class	Number of Units for Small Load Delivery Class	Number of Units for Medium Load Delivery Class (1)	Number of Units for Large Load Delivery Class (1)	Number of Units for Very Large Load Delivery Class (1)	Number of Units for High Voltage Load Delivery Class (1)
Unmetered	19,389					
AB	-	646	763	443	226	20
AM	-	32	42	17	15	24
AP	-	3	-	-	-	1
AR	-	5	8	8	5	21
AS	-	-	-	-	-	1
LA	-	714	328	39	18	1
LC	1	4,129	38	1	1	-
LD	-	938	3	-	-	-
LH	-	7,389	199	3	1	-
LJ	-	12,867	14,826	3,581	1,603	10
LR	-	357	6	-	-	-
MA	1	3,384	17	-	-	-
MC	83	69,385	20	9	1	-
MD	9	13,551	2	1	-	-
MH	9	98,755	37	13	1	-
MJ	3	37,823	394	7	2	-
MR	1	1,925	-	1	-	-
NA	-	61	3	-	-	-
NC	11,706	2,023	-	-	-	-
ND	-	2	-	-	-	-
NH	111	1,742	2	-	-	-
NJ	3	1,102	280	49	12	-
WA	103	1	-	-	-	-
WC	47,270	14	-	-	-	-
WD	6,036	2	-	-	-	-
WH	3,797	15	-	-	-	-
WJ	136	2	-	-	-	-
WR	114	-	-	-	-	-

Investment ⁽²⁾	Annual O&M ⁽²⁾	Annual Meter Reading ⁽²⁾
	\$ -	\$ -
	\$ 27.02	\$ 120.00
	\$ 27.02	\$ 60.00
	\$ 27.02	\$ 60.00
	\$ 28.37	\$ 60.00
	\$ -	\$ -
	\$ 42.05	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 42.05	\$ 103.08
	\$ 21.79	\$ 103.08
RETRACTED	\$ 42.05	\$ 19.44
	\$ 15.22	\$ 19.44
	\$ 15.22	\$ 19.44
	\$ 21.79	\$ 19.44
	\$ 42.05	\$ 19.44
	\$ 15.22	\$ 19.44
	\$ 42.05	\$ 0.12
	\$ 15.22	\$ 0.12
	\$ 28.64	\$ 0.12
	\$ 21.79	\$ 0.12
	\$ 42.05	\$ 0.12
	\$ 42.05	\$ 19.44
	\$ 0.37	\$ 19.44
	\$ 0.37	\$ 19.44
	\$ 42.05	\$ 19.44
	\$ 0.37	\$ 19.44

STANDARD CT CODE

CO	-	-	-	-	-	6
C1	-	-	-	3	-	6
C2	-	-	-	-	-	4
C5	-	-	-	-	-	3
C8	-	2	-	-	-	18
CA	567	158,405	33,889	2,499	381	11
CC	3	4,092	13,012	8,216	2,200	-
CD	-	129	291	520	1,093	3
CE	20	1,504	650	246	352	-
CG	-	69	133	69	112	-
CH	-	2	10	5	11	2
CI	-	76	91	247	683	11
CK	-	-	4	-	6	31
CL	-	-	-	3	-	9
CM	2	10	4	1	1	-
CQ	-	41	111	117	145	-
CR	-	-	6	8	18	-
CS	-	-	-	2	9	6
CT	-	2	-	-	-	-
CU	-	175	210	118	199	8
CV	-	-	-	-	-	3
CW	-	-	-	-	5	12
CY	-	5	16	8	47	20

	\$ 6,220.60
	\$ 10,461.98
	\$ 10,461.98
	\$ 15,646.96
	\$ 6,559.27
	\$ 216.40
	\$ 261.42
	\$ 342.70
	\$ 610.16
	\$ 1,031.23
	\$ 1,163.66
	\$ 617.91
	\$ 1,036.18
	\$ 1,305.09
	\$ 515.04
	\$ 942.20
	\$ 1,041.11
	\$ 1,179.19
	\$ 1,179.19
	\$ 807.83
	\$ 1,046.06
	\$ 1,046.06
	\$ 7,349.97

STANDARD CT/PT CODE

LUA	-	-	-	-	-	9
UB	-	-	-	-	-	3
UG	-	-	-	-	-	18
UH	-	-	-	-	-	18
UI	-	-	-	-	-	3

	\$ 13,201.57
	\$ 12,955.15
	\$ 44,028.37
	\$ 44,994.28
	\$ 39,812.60

STANDARD PT CODE

PA	-	23	45	26	2	-
PC	-	143	420	242	422	7
PE	-	164	203	250	741	69
PF	-	4	18	11	48	31
PJ	-	-	-	-	-	23
PK	-	-	-	-	-	3

	\$ 217.60
	\$ 786.15
	\$ 852.79
	\$ 7,956.59
	\$ 6,767.44
	\$ 25,168.61

STANDARD RELAY CODE

DK	-	38	88	111	127	-
DW	-	819	1,311	1,012	904	64
RD	-	12	59	28	18	-
RM	-	31	100	127	220	6
RW	-	2	-	1	3	5
RX	-	2	-	1	2	6
RY	-	19	55	63	96	3

	\$ 196.45
	\$ 178.65
	\$ 163.69
	\$ 163.69
	\$ 379.51
	\$ 225.59
	\$ 169.34

	Watt-hour Delivery Class	Small Load Delivery Class	Medium Load Delivery Class	Large Load Delivery Class	Very Large Load Delivery Class	High Voltage Load Delivery Class
Total Meters	88,772	255,869	16,969	4,172	1,886	78
Total CTs	592	164,512	48,427	12,062	5,462	153
Total CT/PTs	-	-	-	-	-	51
Total PTs	-	334	686	529	1,213	133
Total Relays	-	921	1,614	1,344	1,376	84

Average per Customer⁽³⁾

	Meter Investment	Meter Annual O&M	Annual Meter Reading	CTs	CT/PTs	PTs	Relays	CTs/PTs/Relays
Watt-hour Delivery Class	\$ 128.98	\$ 3.32	\$ 12.62	\$ 1.54	\$ -	\$ -	\$ -	\$ 1.54
Small Load Delivery Class	\$ 246.83	\$ 23.99	\$ 27.92	\$ 142.75	\$ -	\$ 1.13	\$ 0.64	\$ 144.52
Medium Load Delivery Class	\$ 377.22	\$ 40.96	\$ 99.67	\$ 697.80	\$ -	\$ 38.68	\$ 16.92	\$ 753.40
Large Load Delivery Class	\$ 424.44	\$ 40.21	\$ 102.79	\$ 852.69	\$ -	\$ 119.04	\$ 57.40	\$ 1,029.13
Very Large Load Delivery Class	\$ 437.17	\$ 40.02	\$ 103.76	\$ 1,381.22	\$ -	\$ 713.69	\$ 129.70	\$ 2,224.61
High Voltage Delivery Class	\$ 1,473.03	\$ 29.16	\$ 80.69	\$ 6,917.68	\$ 24,096.48	\$ 6,950.72	\$ 207.37	\$ 36,172.25

Notes

- (1) Accounts in the Medium, Large, and Very Large Load Delivery Classes had their meter adjusted to an interval recording meter if an interval recording meter was not yet installed.
- (2) The cost by meter-related facilities type are from ComEd Ex. 13.09 Revised, pages 3 through 6, in Docket No. 13-0387.
- (3) The per customer cost for meter-related facilities provided as standard is determined by taking the sum of the product of the number of meters for each meter-related facilities code times the cost and divided by the Total Meters for each of the delivery classes.

Commonwealth Edison Company
 The Determination of the Average Per Customer Standard Meter Costs

**ACTIVE NONRESIDENTIAL OVER 10 MW -
 TWO STANDARD METERS**

STANDARD METER CODE	Number of Units for Extra Large Load (Over 10 MW)
AB	34
AM	11
AR	1
LJ	54

Investment ⁽¹⁾	Annual O&M ⁽¹⁾	Annual Meter Reading ⁽¹⁾
	\$ 27.02	\$ 120.00
REDACTED	\$ 27.02	\$ 60.00
	\$ 28.37	\$ 60.00
	\$ 42.05	\$ 103.08

STANDARD CT CODE

STANDARD CT CODE	Number of Units for Extra Large Load (Over 10 MW)
C1	4
C8	9
CE	29
CG	46
CI	165
CK	6
CR	3
CS	3
CY	24

\$ 10,461.98
\$ 6,559.27
\$ 610.16
\$ 1,031.23
\$ 617.91
\$ 1,036.18
\$ 1,041.11
\$ 1,179.19
\$ 7,349.97

STANDARD PT CODE

STANDARD PT CODE	Number of Units for Extra Large Load (Over 10 MW)
PC	57
PE	120
PF	28
PJ	6

\$ 786.15
\$ 852.79
\$ 7,956.59
\$ 6,767.44

STANDARD RELAY CODE

STANDARD RELAY CODE	Number of Units for Extra Large Load (Over 10 MW)
DK	3
DW	82
RD	2
RM	21
RX	2
RY	3

\$ 196.45
\$ 178.65
\$ 163.69
\$ 163.69
\$ 225.59
\$ 169.34

Average per Customer⁽²⁾

	Extra Large Load (Over 10 MW)
Total Meters	100
Total CTs	289
Total PTs	211
Total Relays	113

Over 10 MW*

	Investment	Annual O&M	Annual Meter Reading
Meters	\$ 1,272.43	\$ 70.30	\$ 207.33
CTs	\$ 9,144.89		
PTs	\$ 8,210.68		
Relays	\$ 399.26		

* Divide by the number of customers, which is the number of meters divided by 2

The result provided is per customer costs

CTs/PTs/Relays	\$ 17,754.83
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Notes

- (1) The cost by meter-related facilities type are from ComEd Ex. 13.09 Revised, pages 3 through 6, in Docket No. 13-0387.
- (2) The per customer cost for meter-related facilities provided as standard is determined by taking the sum of the product of the number of meters for each meter-related facilities code times the cost and divided by the Total Meters for each of the delivery classes. For the Extra Large Load Delivery Class the value is divided by 2 because each premises is allowed two standard meters.

Commonwealth Edison Company
 The Determination of the Average Per Customer Standard Meter Costs

ACTIVE RAILROAD - TWO STANDARD METERS

STANDARD METER CODE	Railroad Delivery Class
AB	3 (1)
LN	2

STANDARD CT CODE	
CI	12
CU	6

STANDARD PT CODE	
PE	12

STANDARD RELAY CODE	
DW	3
RW	3

	Railroad Delivery Class
Total Meters	5
Total CTs	18
Total PTs	12
Total Relays	6

Investment ⁽²⁾	Annual O&M ⁽²⁾	Annual Meter Reading ⁽²⁾
REDACTED	\$ 27.02	\$ 120.00
	\$ 42.05	\$ 103.08

\$	617.91
\$	807.83

\$	852.79
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\$	178.65
\$	379.51

Average per Customer⁽³⁾
 Railroad

	Investment	Annual O&M	Annual Meter Reading
Meters	\$ 4,599.15	\$ 82.58	\$ 283.08
CTs	\$ 6,130.94		
PTs	\$ 5,116.72		
Relays	\$ 837.24		

* Divide by 2 for per customer costs
 The result provided is per customer costs

CTs/PTs/ Relays	\$ 12,084.90
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Notes

- (1) The meter code AB is a totalizing two channel meter.
- (2) The cost by meter-related facilities type are from ComEd Ex. 13.09 Revised, pages 3 through 6, in Docket No. 13-0387.
- (3) The per customer cost for meter-related facilities provided as standard is determined by taking the sum of the product of the number of meters for each meter-related facilities code times the cost and divided by 2, the number of customers in the Railroad class.

Commonwealth Edison Company
 The Determination of the Average Per Customer Standard Meter Costs

ACTIVE LIGHTING ACCOUNTS METERS⁽¹⁾

STANDARD METER CODE	Number of Units for Fixture-Included Delivery Class	Number of Units for Dusk to Dawn Delivery Class	Number of Units for General Lighting Delivery Class
AB		52	4
LA		12	1
LC		1,977	77
LD		35	4
LH		66	7
LJ		19	
LR		12	1
MA		6	2
MC		389	227
MD		9	11
MH		24	5
MJ		1	2
MR		2	4
NC		74	19
ND		68	1
NH		2	
WA		2	
WC		322	72
WD		3	6
WH		4	1
WR		3	2

Investment ⁽²⁾	Annual O&M ⁽²⁾	Annual Meter Reading ⁽²⁾
	\$ 27.02	\$ 120.00
	\$ 42.05	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 42.05	\$ 103.08
	\$ 21.79	\$ 103.08
	\$ 42.05	\$ 19.44
REDACTED	\$ 15.22	\$ 19.44
	\$ 15.22	\$ 19.44
	\$ 21.79	\$ 19.44
	\$ 42.05	\$ 19.44
	\$ 15.22	\$ 19.44
	\$ 15.22	\$ 0.12
	\$ 28.64	\$ 0.12
	\$ 21.79	\$ 0.12
	\$ 42.05	\$ 19.44
	\$ 0.37	\$ 19.44
	\$ 0.37	\$ 19.44
	\$ 21.79	\$ 19.44
	\$ 0.37	\$ 19.44

STANDARD CT CODE			
CA		117	12
CE		1	6

\$ 216.40
\$ 610.16

STANDARD PT CODE			
PA		1	-
PC		1	6

\$ 217.60
\$ 786.15

STANDARD RELAY CODE			
DK		1	
DW		52	4
RX		2	

\$ 196.45
\$ 178.65
\$ 225.59

	Fixture-Included Delivery Class	Dusk to Dawn Delivery Class	General Lighting Delivery Class
Total Meters	-	3,082	446
Total CTs	-	118	18
Total PTs	-	2	6
Total Relays	-	55	4

Average per Customer⁽³⁾

	Meter Investment	Meter Annual O&M	Annual Meter Reading	CTs	PTs	Relays	CTs/PTs/Relays
Dusk to Dawn Lighting	\$ 233.78	\$ 19.00	\$ 77.79	\$ 8.41	\$ 0.33	\$ 3.22	\$ 11.96
General Lighting	\$ 199.94	\$ 14.39	\$ 36.35	\$ 14.03	\$ 10.58	\$ 1.60	\$ 26.21

Notes

- (1) A Standard Meter Allowance is not determined for lighting accounts. All of the meters provided to lighting accounts are considered standard and are used in the determination of the Standard Metering Service Charge.
- (2) The cost by meter-related facilities type are from ComEd Ex. 13.09 Revised, pages 3 through 6, in Docket No. 13-0387.
- (3) The per customer cost for meter-related facilities provided as standard is determined by taking the sum of the product of the number of meters for each meter-related facilities code times the cost and divided by the Total Meters for each of the delivery classes.

**Commonwealth Edison Company
 2012 Determination of Average Standard Lighting Service Cost**

(A)	Secondary Service Connect (2/C Wire AL) 0.25/hr per Conductor	0.50
(B)	Overhead Hourly Rate	\$ 170.67
(C)	COMPOSITE MULTIPLIER (APPENDIX G) OF GCO 25 INCLUDING ENGINEERING MULTIPLIER FOR LABOR	1.76
(D)	Connector - 8 stranded 6 solid aluminum - SI 368706	\$ 0.33
(E)	Connector - 4 stranded ascr 2 solid - SI 368709	\$ 0.32
(F)	COMPOSITE MULTIPLIER (APPENDIX G) FROM GCO 25 FOR MATERIAL	1.20
(E) = (A)x(B)x(C)+[(D)+(E)]x(F)	\$/Service for Service Connection (1)	\$ 150.97

(1) Dusk-to-Dawn Street Lighting and General Lighting customers are required to extend customer-owned wires to existing ComEd facilities for connection. If additional facilities are required to serve the Dusk-to-Dawn Street Lighting or General Lighting customer, then the customer is charged for those facilities and those additional facilities are not included in the standard service installation.

Commonwealth Edison Company
2012 Determination of Average Standard Lighting Service Cost

Passport per Unit Costs
Cable or Wire

Name	Spec ID	Material Cost (per 10 ft for cable/wire)	Per Foot Cost or per Unit	Labor Hours	Labor Hours Per Foot Cost or per Unit
#4 - AL OVERHEAD	O-0000356901	\$ 5.04	\$ 0.50	0.10	0.010
1/0 - AL OVERHEAD	O-0000356904	\$ 8.08	\$ 0.81	0.25	0.025
4/0 AL UNDERGROUND	U-0000361022	\$ 14.12	\$ 1.41	0.23	0.023
350 KCMIL AL UNDERGROUND	U-0000361042	\$ 22.59	\$ 2.26	0.23	0.023
500 KCMIL CU UNDERGROUND	U-0000360811	\$ 224.99	\$ 22.50	0.23	0.023

Underground Material

Name	Spec ID	Material Per Unit (meter fitting)	Per Connection Cost (3 for a connection in meter fitting)	Labor Hours	Total Connection Hours (6 per connection, 3 for pedestal connection and 3 for lugs in meter fitting)
4/0 SINGLE ONE HOLE LUG	C7719.CH-U	\$ 1.01	\$ 3.03	0.28	1.68
350 KCMIL AL ONE HOLE	C7719.CJ-U	\$ 2.99	\$ 8.97	0.28	1.68

Name	Spec ID	Material Per Unit (4 connects per cable)	Per Connection Cost	Labor Hours	Total Connection Hours (6 per connection, 3 for pedestal connection and 3 for lugs in meter fitting)
500 KCMIL CU TWO HOLE	C7719.AT-U	\$ 4.48	\$ 17.92	0.28	1.12 times 4 for 3-phase connection at transformer, per Rate Memo In multi-family high rises the customer supplies the cable

Overhead Material

Name	Spec ID	Material Per Unit	Per Connection Cost	Labor Hours	Per Connection Cost
C7475.0011 Service Only		\$ 22.99	\$ 22.99	0.55	0.55 (full cost per single/multi family installation)
Connect at customer riser		\$ -	\$ -	0.55	0.55 (assume same hours as connect at pole)
Trench	per Foot			0.05	0.05

Single Family

Averages

Customer Installations	Approximate Number of Recent Customer Installations	Weighted Count of Customers Based On Overhead and Underground Transformers (3)	Average Footage - Max Allowed is 100 Feet for Underground	Attachment Material Costs per Customer (divide by 4 except for 500 MCM)	Attachment Labor Hours per Customer (divide by 4 except for 500 MCM)	Wire/Cable Material Costs per Foot (500 MCM)	Wire/Cable Labor Hours per Foot (500 MCM)	Trench Labor Costs (divide by 4 except for 500 MCM)	Joint Trench Reimbursement Ratio (1)	Labor Rate	Weighted Material Cost	Weighted Labor Cost	Material Cost per Service	Labor Cost per Service	Total Cost per Service with Multiplier	
Overhead # 4	1,090	803,662	84.37	\$ 22.99	1.10	\$ 0.50	0.010	\$ -	170.67	\$ 52,379,460	\$ 266,602,529	\$ 65.18	\$ 331.73	\$ 662.06		
Overhead 1/0	879	648,091	78.18	\$ 22.99	1.10	\$ 0.81	0.025	\$ -	170.67	\$ 55,941,438	\$ 337,862,267	\$ 86.32	\$ 521.32	\$ 1,021.10		
Underground 4/0	32,437	803,190	100.00	\$ 3.03	1.68	\$ 1.41	0.023	\$ 0.050	0.56	\$ 170.67	\$ 115,683,496	\$ 926,321,380	\$ 144.03	\$ 1,153.30	\$ 2,202.65	
Underground 350	542	13,421	100.00	\$ 8.97	1.68	\$ 2.26	0.023	\$ 0.050	0.56	\$ 170.67	\$ 3,153,476	\$ 15,478,194	\$ 234.97	\$ 1,153.30	\$ 2,311.78	
Total	34,948	2,266,364									\$ 227,157,870	\$ 1,546,294,371				
											Composite Multipliers	1.2	1.76			
												\$ 272,589,443	\$ 2,721,425,293			

Average Per Customer \$ 1,319.90

Multi Family

Customer Installations	Approximate Number of Recent Customer Installations	Weighted Count of Customers Based On Overhead and Underground Transformers (3)	Average Footage - Max Allowed is 100 Feet for Underground	Attachment Material Costs per Customer (divide by 4 except for 500 MCM)	Attachment Labor Hours per Customer (divide by 4 except for 500 MCM)	Wire/Cable Material Costs per Foot (500 MCM)	Wire/Cable Labor Hours per Foot (500 MCM)	Trench Labor Costs (divide by 4 except for 500 MCM)	Joint Trench Reimbursement Ratio (1)	Labor Rate	Weighted Material Cost	Weighted Labor Cost	Material Cost per Service	Labor Cost per Service	Total Cost per Service with Multiplier	
Overhead # 4	413	195,176	77.47	\$ 5.75	0.28	\$ 0.13	0.003	\$ -	-	\$ 170.67	\$ 3,011,757	\$ 15,611,716	\$ 15.43	\$ 79.99	\$ 159.30	
Overhead 1/0	858	405,475	73.26	\$ 5.75	0.28	\$ 0.20	0.006	\$ -	-	\$ 170.67	\$ 8,345,452	\$ 50,715,153	\$ 20.58	\$ 125.08	\$ 244.83	
Underground 4/0	2,604	278,159	80.96	\$ 0.76	0.42	\$ 0.35	0.006	\$ 0.0125	0.56	\$ 170.67	\$ 8,148,460	\$ 68,723,764	\$ 29.29	\$ 247.07	\$ 469.99	
Underground 350	1,397	149,227	95.26	\$ 2.24	0.42	\$ 0.57	0.006	\$ 0.0125	0.56	\$ 170.67	\$ 8,366,160	\$ 41,492,975	\$ 56.06	\$ 278.05	\$ 556.65	
			Estimated Number of Connections per Connection	Lug Labor per Connection												
500 CU KCMIL Underground (2)		127,061	4,099	\$ 17.92	1.12					\$ 170.67	\$ 73,454,058	\$ 783,525,489	\$ 0.58	\$ 6.17	\$ 11.55	
Total	1,155,099										\$ 27,945,283	\$ 177,327,133				
											Composite Multipliers	1.2	1.76			
												\$ 33,534,339	\$ 312,095,754			

Average Per Customer \$ 299.22

(1) The joint trench reimbursement ratio is determined by the per foot costs in GCO 25 and by the amount of ComEd only trench from the 2004 Joint Work Agreement Summary. The 2004 Joint Work Agreement Summary shows that 11.1% of trenching was ComEd only and the rest was Joint for issued jobs that had a Joint Work Agreement. The GCO 25 Appendix A-2 prices for ComEd only trench is \$12.00/ft and for joint trench it is \$6.00/ft. The Ratio is determined by the formula: $[12.00/12.00 \times 0.111 + (6/12.00) \times (1-0.111)]$.

(2) Number of Multi Family jobs is estimated for the City of Chicago multi-family high rise units so the total number of units approximate the number of multi family installations. Estimate 2.0 kW per Customer if 90% are without space heat at 1.49 kW per customer and 10% are with space heat at 6.58 kW per customer. Estimate 30 feet from load source to customer switch and 400 x 0.8 (Chicago switch limitation) x 0.8 (diversity factor) = 256 Amps per set of 500 KCMIL cable. 2.0 kW per customer => Amps = $2000/(240) = 8.33$ Amps per customer. 256 Amps / 8.33 Amps/customer = 31 customers per set of 500 KCMIL.

(3) The count of customers for overhead and underground services was estimated by determining the count of customers served from overhead and underground type transformers from ComEd's CEGIS and Passport systems. The count is further weighted by the size of service required for recent customer installations to estimate the size of services required.

Commonwealth Edison Company
2012 Determination of Average Standard Non-Residential Service Cost

DELIVERY CLASS	Watt-hour	Small Load		Medium Load 100 - 400 kW	Large Load 400 - 1000 kW	Very Large 1 MW - 10 MW	High Voltage, Extra Large Over 10 MW, and Primary Voltage
		0 - 100 kW Single Phase	0 - 100 kW Three Phase				
(A)	INSTALLED KVA/KW PER CUSTOMER	5	15	57	180	560	
(B1)	AMPS AT 120/208 or 240	21	63	159	500		
(B2)	AMPS AT 277/480					674	
(C)	AVERAGE SWITCH SIZE (AMPS)	100	200	400	800	1200	
UNDERGROUND SERVICES							
CUSTOMER CABLE							
ASSUME 4/C 500 MCM COPPER FOR EVERY 400 AMPS OF SWITCH SIZE OR USE RESIDENTIAL DATA FOR 1 PHASE NUMBER OF CABLES							
(D)		3	3	4	8	12	
(E)	COST FOR 500 MCM LUG C7719.AT WITHOUT MULTIPLIER BUT TIMES LABOR						
(E1)	WITH LABOR COST \$	47.79					
(E2)		4.48					
(1) Street lighting customers are required to come to existing ComEd facilities for connection. If additional facilities are required to serve the lighting customer then the customer will be charged for those facilities and they are not included in the standard service installation.							
(F1) = (D)x(E1) (Wattrh from Res)	COST TO CONNECT CUSTOMER CABLE (LABOR)	\$ 143.36	\$ 143.36	\$ 191.16	\$ 382.32	\$ 573.48	
(F2) = (D)x(E2) (Wattrh from Res)	COST TO CONNECT CUSTOMER CABLE (MATERIAL)	\$ 3.03	\$ 3.03	\$ 17.92	\$ 35.84	\$ 53.76	
OVERHEAD SERVICES (1)							
AVERAGE FOOTAGE							
(G)	73.09 FEET						
(H)	CABLE SIZE	1 SET 3/C #4 AL	1 SET 3/C 1/0 AL	1 SET 4/C 1/0 AL			
(I)	OVHD LABOR RATE/HR \$	170.67					
(I1)	LABOR HOURS per FOOT						
	3/C #4 AL	0.010					
	3/C 1/0 AL	0.025					
	4/C 1/0 AL	0.025					
	4/C 4/0 AL	0.029					
	4/C 266 AL	0.029					
(I2)	MATERIAL COST per FOOT						
	3/C #4 AL \$	0.50					
	3/C 1/0 AL \$	0.81					
	4/C 1/0 AL \$	1.41					
	4/C 4/0 AL \$	2.29					
	4/C 266 AL \$	1.61					
(I3)	CONNECT COMED WIRE AT CUSTOMER RISER EACH WEDGE \$	-					
	HOURS OF LABOR	0.55					
(J1)	CONNECTION SPEC	C7475.0011	C7475.0011	C7476.ADAA	C7476.CDCA	C7476.CDCA	
(J2)	POLE AND SERVICE CONNECTION SPEC COST (LABOR)	\$ 187.74	\$ 187.74	\$ 235.53	\$ 283.31	\$ 283.31	
(L1)	POLE AND SERVICE CONNECTION SPEC COST (MATERIAL)	\$ 22.99	\$ 22.99	\$ 41.64	\$ 53.84	\$ 53.84	
(L2)	SECONDARY CABLE COST (LABOR) (2)	\$ 124.74	\$ 311.85	\$ 311.85			
(L2)	SECONDARY CABLE COST (MATERIAL) (2)	\$ 36.84	\$ 59.05	\$ 103.13			
(M1) = (J1)+(L1)	TOTAL OVER HEAD COST (LABOR)	\$ 312.48	\$ 499.58	\$ 547.37	\$ 283.31	\$ 283.31	
(M2) = (J2)+(L2)	TOTAL OVER HEAD COST (MATERIAL)	\$ 59.83	\$ 82.04	\$ 144.77	\$ 53.84	\$ 53.84	
(N)	PERCENT OF UNDERGROUND CUSTOMERS	24%	46%	46%	68%	77%	
(O)	PERCENT OF OVERHEAD CUSTOMERS	76%	54%	54%	32%	23%	
(P1) = (F1)x(N)+(M1)x(O)	WEIGHTED OVHD/UNGD SERVICE COSTS (LABOR)	\$ 271.89	\$ 335.72	\$ 383.52	\$ 350.64	\$ 506.74	
(P2) = (F2)x(N)+(M2)x(O)	WEIGHTED OVHD/UNGD SERVICE COSTS (MATERIAL)	\$ 46.20	\$ 45.70	\$ 86.42	\$ 41.60	\$ 53.78	
(Q1)	COMPOSITE MULTIPLIER (APPENDIX G) OF GCO 25 INCLUDING ENGINEERING MULTIPLIER FOR LABOR	1.76	1.76	1.76	1.76	1.76	
(Q2)	COMPOSITE MULTIPLIER (APPENDIX G) OF GCO 25 FOR MATERIAL	1.2	1.2	1.2	1.2	1.2	
(R) = (P1)x(Q1)+(P2)x(Q2)	WEIGHTED SERVICE COST WITH MULTIPLIER	\$ 533.96	\$ 645.71	\$ 778.69	\$ 667.04	\$ 956.40	
(S)	ESTIMATED NUMBER OF CUSTOMERS PER CONNECTION (3)	1.21	1.41	1.41	1	1	
(U) = (R)/(S)	COST PER CUSTOMER	\$ 441.29	\$ 457.95	\$ 552.26	\$ 667.04	\$ 956.40	
	% SINGLE PHASE METERS (4)		37%	63%			

Commonwealth Edison Company
2012 Determination of Average Standard Non-Residential Service Cost

	Watt-hour	Small Load	Medium Load	Large Load		OVER 1 MW		HIGH VOLTAGE
AVERAGE SERVICE COST (\$/CUSTOMER)	\$441.29	\$517.20	\$667.04	\$956.40		\$2,863.56		\$1,748.91
								Over 10 MW
								\$3,497.81
								RAILROAD
								\$4,372.27

(two connections;
 (2.5 connections per
 customer or 5 total)

- (1) The average service length is determined by the average overhead footage inputted in the billing system for non-residential #4 and 1/0 installations available in the CIMS billing system.
- (2) There is not a charge for the service cable for the Medium and Large load customers because on an ESS the customer would be required to bring their secondary cable/wire to ComEd.
- (3) The number of customers served per service connection was estimated for the Watt-hour and Small Load delivery classes by reviewing the premises address for accounts in those classes and determining an approximate number of accounts per address.
- (4) The percent of customers in the Small Load Delivery Class with a single-phase service is based upon the percent of customers with a single phase meter as standard from the Standard Meter Allowance determination work paper.

**Commonwealth Edison Company
 2012 Determination of Average Standard Lighting Service Cost**

PASSPORT ID # 57759

LABOR AND MATERIAL WITH LABOR COSTS

Compatible Unit	MATERIAL PER UNIT OR PER FOOT COST	LABOR PER UNIT OR PER FOOT COST	TOTAL
C7476.ADAA-O	\$ 41.64	\$ 141.66	\$ 183.30
C7476.CDCA-O	\$ 53.84	\$ 283.31	\$ 337.15
C7476.BDBA-O	\$ 54.80	\$ 141.66	\$ 196.46
O-0000356901-O	\$ 0.50	\$ 1.71	\$ 2.21
O-0000356907-O	\$ 1.41	\$ 4.27	\$ 5.68
O-0000356548-O	\$ 1.61	\$ 4.95	\$ 6.56
O-0000356549-O	\$ 2.29	\$ 4.95	\$ 7.24
C6622.D-O	\$ 45.25	\$ 300.38	\$ 345.63
C7719.AT-O	\$ 4.48	\$ 47.79	\$ 52.27

adjust for per 10 ft for OVHD-SEC-3/C-#4-SOL-AL--WR
 adjust for per 10 ft for OVHD-SEC-4/C-1/0-STRD-AL--WR
 adjust for per 10 ft for OVHD-SEC-4/C-266-STRD-AL--WR
 adjust for per 10 ft for OVHD-SEC-4/C-4/0-STRD-AL--WR

Commonwealth Edison Company
 Unit Material Costs for the Determination of Standard Services Components

C7476.ADAA-O	C7476.CDCA-O	C7476.BDBA-O	C7475.0011-O
\$ 41.64	\$ 53.84	\$ 54.80	\$ 22.99

TOTAL
 components

O-0000356901-O	O-0000356907-O	O-0000356548-O	O-0000356549-O	O-0000356904	C6622.D-O	C7719.AT-O	C7719.CH-O	C7719.CJ-O	U-0000361022-O	U-0000361042-O	U-0000360811-O
OVHD-SEC-3/C- #4-SOL-AL-WR	OVHD-SEC-4/C- 1/0-STRD-AL- WR	OVHD-SEC-4/C- 266-STRD-AL- WR	OVHD-SEC-4/C- 4/0-STRD-AL- WR	OVHD-SEC-3/C- 1/0-STRD-AL- WR	1/0 primary termination	500 MCM two hole lug	4/0 Aluminum, one hole bolt	350 kcmil Aluminum, one hole bolt	600 V URD SERVICE, 4/0	600 V URD SERVICE, 350 KCMIL	600 V POWER SERVICE, 500 KCMIL CU
\$ 5.04	\$ 14.11	\$ 16.11	\$ 22.92	\$ 8.08	\$ 45.25	\$ 4.48	\$ 1.01	\$ 2.99	\$ 14.12	\$ 22.59	\$ 224.99
PER 10 FT	PER 10 FT	PER 10 FT	PER 10 FT	PER 10 FT					PER 10 FT	PER 10 FT	PER 10 FT

GO 25 Material Multiplier
 Appendix G

1.20

DATA FROM SERGIO CIMS QUERY #4197

CD_VALID_WIRE	CABLE	GROUP	AVERAGE LENGTH OF SERVICE	COUNT OF ENTRIES
OZ	#4 AL	RESIDENTIAL	34.37	18398
OZ	#4 AL	COMMERCIAL	72.67	1107
1B	1/0 AL	RESIDENTIAL	78.14	10569
1B	1/0 AL	COMMERCIAL	73.34	2094
1E	4/0 AL	MULTI FAMILY	89.95	
1H	350 KCMIL	MULTI FAMILY	95.25	

NONRESIDENTIAL AVERAGE 73.09

DECODE DATA FOR WIRE TYPE FROM SERGIO

CU04TB6-CD_VALID_WIRE	2 A	Unknown
CU04TB6-CD_VALID_WIRE	OR	#6 CU
CU04TB6-CD_VALID_WIRE	OS	#4 CU
CU04TB6-CD_VALID_WIRE	OT	#2 CU
CU04TB6-CD_VALID_WIRE	OJ	1/0 CU
CU04TB6-CD_VALID_WIRE	OV	2/0 CU
CU04TB6-CD_VALID_WIRE	OW	3/0 CU
CU04TB6-CD_VALID_WIRE	OX	4/0 CU
CU04TB6-CD_VALID_WIRE	OY	#8 AL
CU04TB6-CD_VALID_WIRE	OZ	#4 AL
CU04TB6-CD_VALID_WIRE	1A	#2 AL
CU04TB6-CD_VALID_WIRE	1B	1/0 AL
CU04TB6-CD_VALID_WIRE	1C	2/0 AL
CU04TB6-CD_VALID_WIRE	1D	3/0 AL
CU04TB6-CD_VALID_WIRE	1E	4/0 AL
CU04TB6-CD_VALID_WIRE	1F	250 KCMIL
CU04TB6-CD_VALID_WIRE	1G	266 KCMIL
CU04TB6-CD_VALID_WIRE	1H	350 KCMIL
CU04TB6-CD_VALID_WIRE	1I	477 KCMIL
CU04TB6-CD_VALID_WIRE	1J	500 KCMIL
CU04TB6-CD_VALID_WIRE	1K	750 KCMIL
CU04TB6-CD_VALID_WIRE	1L	600 KCMIL
CU04TB6-CD_VALID_WIRE	84	1/0 Quad
CU04TB6-CD_VALID_WIRE	86	3/0 Quad
CU04TB6-CD_VALID_WIRE	88	All Duplex

DECODE DATA FOR WIRE TYPE FROM SERGIO

CU04TB01_PREMISE	CD_PREM_TYPE	2 A	01	Single Family
CU09TB02_SERV_ORD	CD_PREM_TYPE	2 A	02	Apartment
CU22TB12_PREM_DEMO	CD_PREM_TYPE	2 A	03	Condominium
CU22TB12_PREM_DEMO	CD_PREM_TYPE		04	Townhouse
CU22TB12_PREM_DEMO	CD_PREM_TYPE		05	Mobile Home
CU22TB12_PREM_DEMO	CD_PREM_TYPE		06	Office
CU22TB12_PREM_DEMO	CD_PREM_TYPE		07	Medical Office
CU22TB12_PREM_DEMO	CD_PREM_TYPE		08	School
CU22TB12_PREM_DEMO	CD_PREM_TYPE		09	Church
CU22TB12_PREM_DEMO	CD_PREM_TYPE		10	Common Use Facility
CU22TB12_PREM_DEMO	CD_PREM_TYPE		11	Temporary Services
CU22TB12_PREM_DEMO	CD_PREM_TYPE		12	Unmetered
CU22TB12_PREM_DEMO	CD_PREM_TYPE		13	Other
CU22TB12_PREM_DEMO	CD_PREM_TYPE		14	Non-Service
CU22TB12_PREM_DEMO	CD_PREM_TYPE		16	Retail
CU22TB12_PREM_DEMO	CD_PREM_TYPE		17	Manufacturing
CU22TB12_PREM_DEMO	CD_PREM_TYPE		18	Warehouse
CU22TB12_PREM_DEMO	CD_PREM_TYPE		19	Commercial Space
CU22TB12_PREM_DEMO	CD_PREM_TYPE		22	Manufactured Bldg
CU22TB12_PREM_DEMO	CD_PREM_TYPE		23	Modular Home
CU22TB12_PREM_DEMO	CD_PREM_TYPE		24	Industrial
CU22TB12_PREM_DEMO	CD_PREM_TYPE		33	Lighting
CU22TB12_PREM_DEMO	CD_PREM_TYPE		34	Condo Common Area

DATA FROM ACCESS

CD_VALID_WIRE	PREM TYPE	CABLE	LENGTH
OQ		110	1
OQ	1	70	3
OQ	2	75	102
OQ	3	25	5
OQ	5	135	1
OQ	10	90	1
OQ	11	80	1
OQ	13	70.69231	13
OQ	19	75	9
OQ	34	75	1
OQ	90	90	9
OR	1	81.55187	241
OR	2	25.46667	105
OR	6	90	1
OR	7	43.33333	3
OR	10	25	1
OR	13	79.35196	179
OR	18	50	1
OR	19	64.4	25
OR	33	75.4	5
OR	34	25	1
OS	84.66667	6	6
OS	1	62.42593	108
OS	2	90.95596	9
OS	4	50	25
OS	8	75	2
OS	10	56.66667	3
OS	11	50	1
OS	13	92.98507	201
OS	19	51.78771	14
OS	34	113.3333	3
OT	66.97368	38	38
OT	1	75.88965	29
OT	2	20.65789	76
OT	6	50	1
OT	9	25	1
OT	10	75	4
OT	11	275	1
OT	13	64.34032	187
OT	16	37.5	2
OT	19	65.625	32
OT	33	67.35294	17
OT	34	46.33333	6
OJ	92.92593	27	27
OJ	1	62.18182	55
OJ	2	79.56882	34
OJ	3	37.21311	61
OJ	4	106	13
OJ	6	50	1
OJ	7	50	1
OJ	8	85	1
OJ	9	60	1
OJ	10	46.25	4

CD_VALID_WIRE	Data	1	2	3	4	5	6	7	8	9	10	11	12	13	16	17	18	19	22	23	24	33	34 (blank)	Grand Total					
OQ	Sum of AvgIOQY_CABLE_LENGTH	70.0	75.0	25.0		135.0					90.0	80.0	70.7					75.0				75.0		805.7					
OQ	Sum of CountIOQY_CABLE_LENGTH	3.0	102.0	5.0		1.0					1.0	1.0	13.0					9.0				1.0	1.0	137.0					
OR	Sum of AvgIOQY_CABLE_LENGTH	81.6	25.5				60.0	43.3			25.0							50.0	64.4			76.4	25.0	90.0	620.5				
OR	Sum of CountIOQY_CABLE_LENGTH	241.0	105.0				1.0	3.0			1.0							1.0	25.0			5.0	1.0	9.0	571.0				
OS	Sum of AvgIOQY_CABLE_LENGTH	82.4	60.4		50.0						75.0		50.0					93.0	11.8			113.3	84.7	74.4	1030.0				
OS	Sum of CountIOQY_CABLE_LENGTH	108.0	9.0		25.0						2.0		3.0					201.0	14.0			3.0	6.0	372.0	1030.0				
OT	Sum of AvgIOQY_CABLE_LENGTH	75.7	20.7						50.0			25.0	75.0	275.0				64.4	37.5			67.4	46.3	67.0	869.5				
OT	Sum of CountIOQY_CABLE_LENGTH	29.0	72.0						1.0			1.0	4.0	1.0				157.0	2.0			32.0		6.0	361.0				
OJ	Sum of AvgIOQY_CABLE_LENGTH	62.2	79.8	37.2	106.0				50.0	50.0	85.0	60.0	46.3					68.5	67.0			81.9	110.0		1,072.0				
OJ	Sum of CountIOQY_CABLE_LENGTH	55.0	34.0	61.0	13.0				1.0	1.0	1.0	1.0	4.0					86.0	12.0			42.0	1.0		319.0				
OV	Sum of AvgIOQY_CABLE_LENGTH	38.7			61.5				50.0									81.1	62.0			5.0			722.3				
OV	Sum of CountIOQY_CABLE_LENGTH	74.0			36.0				1.0									9.0	1.0			2.0			131.0				
DW	Sum of AvgIOQY_CABLE_LENGTH	84.5	56.3	71.5	76.5	150.0	88.0	50.0	85.0	83.3	88.6	72.5					85.8	47.1			25.0	72.3	61.7		1,501.7				
DW	Sum of CountIOQY_CABLE_LENGTH	44.0	28.0	369.0	110.0	4.0	2.0	1.0	2.0	3.0	7.0	4.0					261.0	7.0			1.0	130.0	3.0		1,029.0				
OX	Sum of AvgIOQY_CABLE_LENGTH	106.3	55.5	82.6	79.9	60.0	36.5		91.7		57.7	61.5					85.2	63.8			96.9	245.0	40.0	102.5	64.5	75.2	1,373.8		
OX	Sum of CountIOQY_CABLE_LENGTH	241.0	206.0	52.0	94.0	2.0	4.0		3.0		13.0	4.0					58.0	12.0			1.0	2.0	2.0	10.0	66.0	828.0			
OY	Sum of AvgIOQY_CABLE_LENGTH	92.5	45.0		115.0	90.0					60.0	57.5	81.7				82.8					42.8			869.8				
OY	Sum of CountIOQY_CABLE_LENGTH	84.0	4.0		1.0	3.0					1.0	2.0	3.0				98.0					10.0			15.0	236.0			
OZ	Sum of AvgIOQY_CABLE_LENGTH	84.4	77.5	49.9	76.7	94.0	84.5		79.0	75.7	75.9	68.4	20.0	82.7	78.5	81.3	81.4	72.8			80.8	77.5	96.7	82.2	64.1	81.2	1,664.8		
OZ	Sum of CountIOQY_CABLE_LENGTH	18,398.0	4,236.0	478.0	438.0	50.0	10.0		20.0	39.0	353.0	250.0	1.0	#####	15.0	4.0	11.0	1,107.0			6.0	8.0	6.0	55.0	67.0	2,238.0	39,380.0		
1A	Sum of AvgIOQY_CABLE_LENGTH	86.6	75.0		81.6	46.0			131.7	35.0	105.0	75.0					79.0	110.0	50.0	89.0	89.6	89.3	100.0	124.9	1,382.7				
1A	Sum of CountIOQY_CABLE_LENGTH	96.0	5.0		37.0	1.0			3.0	1.0	2.0	2.0					71.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	34.0	288.0			
1B	Sum of AvgIOQY_CABLE_LENGTH	79.2	73.3	69.6	70.7	87.3	73.8	47.0	78.5	67.8	73.8	82.9					77.0	78.0	77.5	72.3	73.4	91.3	80.7	90.8	56.7	65.2	75.9	1,643.4	
1B	Sum of CountIOQY_CABLE_LENGTH	10,099.0	3,024.0	941.0	454.0	22.0	30.0	5.0	39.0	75.0	1,690.0	114.0					8,815.0	82.0	14.0	24.0	2,024.0	8.0	10.0	33.0	52.0	177.0	2,486.0	36,193.0	
1C	Sum of AvgIOQY_CABLE_LENGTH	82.6	74.8	51.5	79.9	60.0	115.0		89.0	86.6	66.2	93.4	210.0				89.8	45.0			60.0	69.7	70.0	40.0	111.4	66.4	87.1	1,657.3	
1C	Sum of CountIOQY_CABLE_LENGTH	1,401.0	152.0	47.0	594.0	4.0	2.0		3.0	8.0	38.0	7.0	1.0				259.0	3.0			2.0	85.0			11.0	16.0	117.0	2,711.0	
1D	Sum of AvgIOQY_CABLE_LENGTH	101.6	79.1	54.9	69.5	41.7	46.7	20.0	20.0	135.0	68.8	45.0					94.7	77.0	82.5			72.0	30.0		76.4	175.4	67.5	84.2	1,453.0
1D	Sum of CountIOQY_CABLE_LENGTH	302.0	75.0	114.0	210.0	43.0	3.0	3.0	1.0	1.0	9.0	4.0					284.0	10.0	2.0			70.0	1.0		14.0	7.0	13.0	1,305.0	
1E	Sum of AvgIOQY_CABLE_LENGTH	106.0	72.6	371.5	83.1	79.5	57.9	66.6	98.6	80.8	86.9	106.5	140.0	108.2	74.0	78.7	69.2	71.2	105.6	102.2	84.9	96.0	71.0	103.3	1,995.1				
1E	Sum of CountIOQY_CABLE_LENGTH	210,633.0	7,753.0	6,523.0	58,437.0	923.0	44.0	9.0	156.0	42.0	1,088.0	276.0	1.0	7,838.0	252.0	26.0	24.0	1,831.0	6.0	185.0	20.0	71.0	68.0	#####	#####	#####	310,259.0		
1F	Sum of AvgIOQY_CABLE_LENGTH	107.8	85.6	140.5	60.8	136.4					55.4						51.2	58.3				75.0	70.5		75.7	133.6	1,050.7		
1F	Sum of CountIOQY_CABLE_LENGTH	38.0	190.0	192.0	44.0	11.0					13.0						80.0	26.0				1.0	108.0			15.0	47.0	772.0	
1G	Sum of AvgIOQY_CABLE_LENGTH	68.7	64.0	45.3	64.4	70.0	75.9	40.0	70.5	78.1	81.8	66.7					65.7	78.4	46.4	77.0	64.3	71.0			77.1	65.8	82.5	618	1,367.4
1G	Sum of CountIOQY_CABLE_LENGTH	132.0	6,120.0	656.0	49.0	7.0	17.0	3.0	19.0	27.0	85.0	3.0					1,567.0	38.0	12.0	5.0	1,473.0	5.0			14.0	6.0	440.0	370.0	11,028.0
1H	Sum of AvgIOQY_CABLE_LENGTH	163.0	106.3	94.6	79.6	110.0	116.4	81.6	65.0	90.4	94.5	267.0					141.8	115.7	41.7	127.4	102.8	385.0	130.0						

COMMONWEALTH EDISON COMPANY

High Voltage Delivery Class	Allocator	Up to 10,000 kW	Up to 10,000 kW	Up to 10,000 kW	Up to 10,000 kW	Over 10,000 kW	Over 10,000 kW	Over 10,000 kW	Over 10,000 kW	Primary Voltage	Secondary Voltage
		Total ⁽¹⁾	69 kV and Above Service Points a	Primary Voltage Service Points b	Secondary Voltage Service Points c	Total ⁽¹⁾	69 kV and Above Service Points d	Primary Voltage Service Points e	Secondary Voltage Service Points f	Service Points g = b + e	Service Points h = c + f
Distribution Facilities Costs											
High Voltage ESS	HV Class	\$1,509,661	\$1,509,661	\$0	\$0	\$6,740,178	\$6,740,178	\$0	\$0	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$176,554	\$70,487	\$102,551	\$3,516	\$622,046	\$463,079	\$97,323	\$61,644	\$199,874	\$65,160
High Voltage Dist. Lines	CP-ALL	\$145,795	\$123,439	\$21,615	\$741	\$1,474,545	\$1,441,039	\$20,513	\$12,993	\$42,128	\$13,734
Shared Distribution Substations (At or Bel CP<4 KV		\$781	\$0	\$755	\$26	\$1,170	\$0	\$716	\$454	\$1,471	\$479
Shared Distribution Substations (Over 4k\CP<69 KV		\$13,124	\$0	\$12,689	\$435	\$19,670	\$0	\$12,042	\$7,628	\$24,731	\$8,063
Secondary Voltage Dist. Substations	NCP-SEC	\$10,711	\$0	\$0	\$10,711	\$59,683	\$0	\$0	\$59,683	\$0	\$70,393
Shared Distribution Lines (At or Below 4k\CP<4 KV		\$19,061	\$0	\$18,429	\$632	\$28,568	\$0	\$17,490	\$11,078	\$35,919	\$11,710
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$399,725	\$0	\$386,475	\$13,250	\$599,086	\$0	\$366,773	\$232,313	\$753,248	\$245,563
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Primary Voltage Transformers	NCP-PRI TR	\$2,731	\$0	\$2,731	\$0	\$14,023	\$0	\$14,023	\$0	\$16,753	\$0
Secondary Voltage Transformers	NCP-SEC	<u>\$18,898</u>	<u>\$0</u>	<u>\$0</u>	<u>\$18,898</u>	<u>\$105,302</u>	<u>\$0</u>	<u>\$0</u>	<u>\$105,302</u>	<u>\$0</u>	<u>\$124,200</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$2,297,039	\$1,703,587	\$545,245	\$48,208	\$9,664,270	\$8,644,296	\$528,880	\$491,094	\$1,074,124	\$539,302
Revenue-Related (Distribution)		(\$29,781)	(\$22,087)	(\$7,069)	(\$625)	(\$126,235)	(\$112,912)	(\$6,908)	(\$6,415)	(\$13,977)	(\$7,040)
Total Distribution Facilities Costs, including Transformer Costs		\$2,267,258	\$1,681,500	\$538,176	\$47,582	\$9,538,035	\$8,531,384	\$521,972	\$484,679	\$1,060,147	\$532,262
Transformer Costs			\$1,490,088	\$2,695			\$6,652,138	\$13,839		\$16,535	
Other Distribution Facilities Costs			\$191,412	\$535,480			\$1,879,246	\$508,132		\$1,043,613	
Allocation Factors⁽²⁾											
CP 69kV & below		13,451	5,370	7,813	268	47,392	35,281	7,415	4,697		
CP-ALL		52,701	44,620	7,813	268	533,006	520,895	7,415	4,697		
CP<69 KV		8,081	-	7,813	268	12,111	-	7,415	4,697		
NCP-SH TR		5,107	-	878	4,229	28,071	-	4,507	23,564		
CP<=4 KV		8,081	-	7,813	268	12,111	-	7,415	4,697		

Notes:
 (1) The distribution facilities costs are from Sch. 2a, lines 241-251, of this ECOSS Model.
 (2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 of this ECOSS Model.

COMMONWEALTH EDISON COMPANY

Delivery Classes	Allocator	Small Load 0-100 kW Total ⁽¹⁾	Small Load 0-100 kW Primary Voltage Service Points b	Small Load 0-100 kW Secondary Voltage Service Points c
Distribution Facilities Costs				
High Voltage ESS	HV Class	\$0	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$37,405,332	\$22,891	\$37,382,441
High Voltage Dist. Lines	CP-ALL	\$7,883,973	\$4,825	\$7,879,148
Shared Distribution Substations (At or Belc CP<4 KV		\$275,258	\$168	\$275,090
Shared Distribution Substations (Over 4kV CP<69 KV		\$4,628,320	\$2,832	\$4,625,488
Secondary Voltage Dist. Substations	NCP-SEC	\$7,539,552	\$0	\$7,539,552
Shared Distribution Lines (At or Below 4kV CP<4 KV		\$6,722,107	\$4,114	\$6,717,993
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$140,966,372	\$86,267	\$140,880,105
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$23,387,434	\$0	\$23,387,434
Primary Voltage Transformers	NCP-PRI TR	\$7,196	\$7,196	\$0
Secondary Voltage Transformers	NCP-SEC	<u>\$13,302,538</u>	<u>\$0</u>	<u>\$13,302,538</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$242,118,082	\$128,293	\$241,989,788
<u>Revenue-Related (Distribution)</u>		<u>(\$3,233,110)</u>	<u>(\$1,713)</u>	<u>(\$3,231,397)</u>
Total Distribution Facilities Costs, including Transformer Costs		\$238,884,971	\$126,580	\$238,758,391
Transformer Costs			\$7,100	
Other Distribution Facilities Costs			\$119,480	
Allocation Factors⁽²⁾				
CP 69kV & below		2,849,833	1,744	2,848,089
CP-ALL		2,849,833	1,744	2,848,089
CP<69 KV		2,849,833	1,744	2,848,089
NCP-SH TR		2,979,054	2,313	2,976,741
CP<=4 KV		2,849,833	1,744	2,848,089

Notes:

(1) The distribution facilities costs are from Sch. 2a, lines 241-251, of this ECOSS Model.

(2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 of this ECOSS Model.

COMMONWEALTH EDISON COMPANY

Delivery Classes	Allocator	Medium Load 100 - 400 kW Total ⁽¹⁾	Medium Load 100 - 400 kW Primary Voltage Service Points b	Medium Load 100 - 400 kW Secondary Voltage Service Points c
Distribution Facilities Costs				
High Voltage ESS	HV Class	\$0	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$28,952,269	\$317,373	\$28,634,896
High Voltage Dist. Lines	CP-ALL	\$6,102,309	\$66,893	\$6,035,416
Shared Distribution Substations (At or Below CP<4 KV		\$213,054	\$2,335	\$210,719
Shared Distribution Substations (Over 4kV CP<69 KV		\$3,582,387	\$39,270	\$3,543,117
Secondary Voltage Dist. Substations	NCP-SEC	\$6,354,030	\$0	\$6,354,030
Shared Distribution Lines (At or Below 4kV CP<4 KV		\$5,203,008	\$57,035	\$5,145,973
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$109,110,013	\$1,196,058	\$107,913,955
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$3,789,236	\$0	\$3,789,236
Primary Voltage Transformers	NCP-PRI TR	\$56,517	\$56,517	\$0
Secondary Voltage Transformers	NCP-SEC	<u>\$11,210,841</u>	<u>\$0</u>	<u>\$11,210,841</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$174,573,663	\$1,735,481	\$172,838,182
<u>Revenue-Related (Distribution)</u>		<u>(\$2,127,308)</u>	<u>(\$21,148)</u>	<u>(\$2,106,160)</u>
Total Distribution Facilities Costs, including Transformer Costs		\$172,446,355	\$1,714,333	\$170,732,022
Transformer Costs			\$55,828	
Other Distribution Facilities Costs			\$1,658,505	
Allocation Factors⁽²⁾				
CP 69kV & below		2,205,812	24,180	2,181,632
CP-ALL		2,205,812	24,180	2,181,632
CP<69 KV		2,205,812	24,180	2,181,632
NCP-SH TR		2,526,842	18,165	2,508,677
CP<=4 KV		2,205,812	24,180	2,181,632

Notes:

(1) The distribution facilities costs are from Sch. 2a, lines 241-

(2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 o

COMMONWEALTH EDISON COMPANY

Delivery Classes	Allocator	Large Load 400 - 1,000 kW Total ⁽¹⁾	Large Load 400 - 1,000 kW Primary Voltage Service Points b	Large Load 400 - 1,000 kW Secondary Voltage Service Points c
Distribution Facilities Costs				
High Voltage ESS	HV Class	\$0	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$25,837,613	\$838,677	\$24,998,936
High Voltage Dist. Lines	CP-ALL	\$5,445,829	\$176,769	\$5,269,060
Shared Distribution Substations (At or Belc CP<4 KV		\$190,133	\$6,172	\$183,961
Shared Distribution Substations (Over 4kV CP<69 KV		\$3,196,997	\$103,773	\$3,093,224
Secondary Voltage Dist. Substations	NCP-SEC	\$5,205,595	\$0	\$5,205,595
Shared Distribution Lines (At or Below 4kV CP<4 KV		\$4,643,274	\$150,718	\$4,492,556
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$97,372,069	\$3,160,651	\$94,211,418
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$0	\$0	\$0
Primary Voltage Transformers	NCP-PRI TR	\$131,002	\$131,002	\$0
Secondary Voltage Transformers	NCP-SEC	<u>\$9,184,582</u>	<u>\$0</u>	<u>\$9,184,582</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$151,207,095	\$4,567,762	\$146,639,333
Revenue-Related (Distribution)		<u>(\$1,801,662)</u>	<u>(\$54,426)</u>	<u>(\$1,747,236)</u>
Total Distribution Facilities Costs, including Transformer Costs		\$149,405,433	\$4,513,336	\$144,892,097
Transformer Costs			\$129,441	
Other Distribution Facilities Costs			\$4,383,895	
Allocation Factors⁽²⁾				
CP 69kV & below		1,968,513	63,897	1,904,616
CP-ALL		1,968,513	63,897	1,904,616
CP<69 KV		1,968,513	63,897	1,904,616
NCP-SH TR		2,097,361	42,105	2,055,256
CP<=4 KV		1,968,513	63,897	1,904,616

Notes:

(1) The distribution facilities costs are from Sch. 2a, lines 241-

(2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 o

COMMONWEALTH EDISON COMPANY

Delivery Classes	Allocator	Very Large 1,000 - 10,000 kW Total ⁽¹⁾	Very Large 1,000 - 10,000 kW Primary Voltage Service Points b	Very Large 1,000 - 10,000 kW Secondary Voltage Service Points c
Distribution Facilities Costs				
High Voltage ESS	HV Class	\$0	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$45,198,894	\$9,722,544	\$35,476,350
High Voltage Dist. Lines	CP-ALL	\$9,526,633	\$2,049,234	\$7,477,399
Shared Distribution Substations (At or Below 4kV)	CP<4 KV	\$332,609	\$71,546	\$261,063
Shared Distribution Substations (Over 4kV)	CP<69 KV	\$5,592,650	\$1,203,011	\$4,389,639
Secondary Voltage Dist. Substations	NCP-SEC	\$7,249,389	\$0	\$7,249,389
Shared Distribution Lines (At or Below 4kV)	CP<4 KV	\$8,122,687	\$1,747,237	\$6,375,450
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$170,337,324	\$36,640,544	\$133,696,780
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$0	\$0	\$0
Primary Voltage Transformers	NCP-PRI TR	\$1,536,076	\$1,536,076	\$0
Secondary Voltage Transformers	NCP-SEC	<u>\$12,790,584</u>	<u>\$0</u>	<u>\$12,790,584</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$260,686,847	\$52,970,192	\$207,716,655
<u>Revenue-Related (Distribution)</u>		<u>(\$3,076,507)</u>	<u>(\$625,130)</u>	<u>(\$2,451,377)</u>
Total Distribution Facilities Costs, including Transformer Costs		\$257,610,340	\$52,345,062	\$205,265,278
Transformer Costs			\$1,517,948	
Other Distribution Facilities Costs			\$50,827,114	
Allocation Factors⁽²⁾				
CP 69kV & below		3,443,608	740,740	2,702,868
CP-ALL		3,443,608	740,740	2,702,868
CP<69 KV		3,443,608	740,740	2,702,868
NCP-SH TR		3,355,885	493,705	2,862,180
CP<=4 KV		3,443,608	740,740	2,702,868

Notes:

(1) The distribution facilities costs are from Sch. 2a, lines 241-

(2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 o

COMMONWEALTH EDISON COMPANY

Delivery Classes	Allocator	Extra Large Over 10,000 kW Total ⁽¹⁾	Extra Large Over 10,000 kW Primary Voltage Service Points b	Extra Large Over 10,000 kW Secondary Voltage Service Points c
Distribution Facilities Costs				
High Voltage ESS	HV Class	\$0	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$8,191,721	\$4,826,190	\$3,365,531
High Voltage Dist. Lines	CP-ALL	\$1,726,580	\$1,017,223	\$709,357
Shared Distribution Substations (At or Belc CP<4 KV		\$60,281	\$35,515	\$24,766
Shared Distribution Substations (Over 4kV CP<69 KV		\$1,013,596	\$597,165	\$416,431
Secondary Voltage Dist. Substations	NCP-SEC	\$661,374	\$0	\$661,374
Shared Distribution Lines (At or Below 4kV CP<4 KV		\$1,472,133	\$867,314	\$604,819
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$30,871,458	\$18,188,061	\$12,683,397
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$0	\$0	\$0
Primary Voltage Transformers	NCP-PRI TR	\$681,372	\$681,372	\$0
Secondary Voltage Transformers	NCP-SEC	<u>\$1,166,906</u>	<u>\$0</u>	<u>\$1,166,906</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$45,845,422	\$26,212,840	\$19,632,582
<u>Revenue-Related (Distribution)</u>		<u>(\$538,035)</u>	<u>(\$307,630)</u>	<u>(\$230,405)</u>
Total Distribution Facilities Costs, including Transformer Costs		\$45,307,387	\$25,905,210	\$19,402,177
Transformer Costs			\$673,376	
Other Distribution Facilities Costs			\$25,231,834	
Allocation Factors⁽²⁾				
CP 69kV & below		624,110	367,697	256,413
CP-ALL		624,110	367,697	256,413
CP<69 KV		624,110	367,697	256,413
NCP-SH TR		480,119	218,998	261,121
CP<=4 KV		624,110	367,697	256,413

Notes:

(1) The distribution facilities costs are from Sch. 2a, lines 241-

(2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 o

COMMONWEALTH EDISON COMPANY

Delivery Classes	Allocator	Up to 10,000 kW Primary Voltage Service Points	Total Primary Voltage Service Points
Distribution Facilities Costs			
High Voltage ESS	HV Class	\$0	\$0
High Voltage Dist. Substations	CP 69kV & below	\$10,901,485	\$15,727,675
High Voltage Dist. Lines	CP-ALL	\$2,297,721	\$3,314,944
Shared Distribution Substations (At or Belc	CP<4 KV	\$80,221	\$115,736
Shared Distribution Substations (Over 4kV	CP<69 KV	\$1,348,886	\$1,946,051
Secondary Voltage Dist. Substations	NCP-SEC	\$0	\$0
Shared Distribution Lines (At or Below 4kV	CP<4 KV	\$1,959,104	\$2,826,418
Shared Distribution Lines (Over 4kV)	CP<69 KV	\$41,083,520	\$59,271,581
Secondary Voltage Dist. Lines	NCP-SEC LINE	\$0	\$0
Primary Voltage Transformers	NCP-PRI TR	\$1,730,792	\$2,412,164
Secondary Voltage Transformers	NCP-SEC	<u>\$0</u>	<u>\$0</u>
Total prior to the allocation of distribution related uncollectibles and revenue related credit		\$59,401,729	\$85,614,569
<u>Revenue-Related (Distribution)</u>		<u>(\$702,417)</u>	<u>(\$1,143,249)</u>
Total Distribution Facilities Costs, including Transformer Costs		\$58,699,312	\$84,471,320
Transformer Costs		\$1,710,318	\$2,379,954
Other Distribution Facilities Costs		\$56,988,994	\$82,091,367
Allocation Factors⁽²⁾			
CP 69kV & below		830,561	1,198,258
CP-ALL		830,561	1,198,258
CP<69 KV		830,561	1,198,258
NCP-SH TR		556,288	775,286
CP<=4 KV		830,561	1,198,258

Notes:

(1) The distribution facilities costs are from Sch. 2a, lines 241-

(2) From Sch. 2b, lines 4, 10, 13, 16, 19, 22, 25, 28 and 31 o

COMMONWEALTH EDISON COMPANY
 The Determination of Indirect Uncollectible Cost
 2014

Analysis Result Summary

	Payroll	Other	Total	
Call Center	\$41,317,953	\$2,493,010	\$43,810,963	a
Disconnect	\$3,581,206	\$952,950	\$4,534,156	b
Connect	\$2,256,913	\$344,559	\$2,601,472	c
Collection	\$1,214,061	\$2,367,212	\$3,581,272	d
Field & Meter Service	\$1,928,661	\$208,622	\$2,137,283	e
Other Cust Ops	\$14,876,362	\$4,107,558	\$18,983,920	f
IT	\$192,236	\$26,093,248	\$26,285,484	g
<u>Overhead</u>	<u>\$471,146</u>	<u>\$86,100</u>	<u>\$557,245</u>	h
Total	\$65,838,536	\$36,653,259	\$102,491,795	i = a through h
 Total with No IT & No Overhead	 \$65,175,155			 j
 Indirect Uncollectible Cost				
Call Center ⁽¹⁾⁽²⁾	\$2,659,099	\$160,443	\$2,819,542	k = a * 0.139 * 0.463
Disconnect ⁽³⁾	\$1,324,293	\$608,391	\$1,932,684	l = b - c
Collection ⁽²⁾	\$562,110	\$1,096,019	\$1,658,129	m = d * 0.463
<u>Field & Meter Service⁽⁴⁾</u>	<u>\$437,489</u>	<u>\$97,821</u>	<u>\$578,883</u>	n = f * (l / (b + c))
Subtotal	\$4,982,991	\$1,962,674	\$6,989,238	o = k through n
 Indirect Uncollectible Share of Non IT and Non-Overhead Labor	 8%			 p = o / j
 <u>IT and Overhead</u>	 <u>\$53,071</u>	 <u>\$2,094,348</u>	 <u>\$2,147,418</u>	 q = h * p
Total	\$5,036,062	\$4,057,022	\$9,136,656	r = o + q ⁽⁵⁾
 Billing -- Computation and Data Management	 \$60,802,474	 \$32,596,237	 \$93,355,139	 s = i - r

Notes:

- (1) Attachment B shows that in 2014 about 13.9% of calls handled are related to credit collection activities.
- (2) Attachment C shows that in 2014 the relative size of uncollectibles amount to the over 60 days past due amount is 46.3%.
- (3) The disconnect costs related to indirect uncollectibles is the disconnect cost minus connect costs because only the disconnection without a reconnection relates to uncollectibles.
- (4) The portion of the Field & Meter Service cost assigned to Indirect Uncollectible is the relative size of the disconnect assigned to Indirect Uncollectible as a percentage of the total disconnection and connection costs.
- (5) The Total amount is transferred to ComEd Ex. 7.01, Sch 1b, line 101, Indirect Uncollectibles column. The Payroll amount is transferred to ComEd Ex. 7.01, Sch 1b, line 313, Indirect Uncollectibles column.

Commonwealth Edison Company
 Determination of the Percentage of Calls that are Credit Related
 2014

Call Group	Call Category	# of Handled Calls	Formula
AMI Call Center	All	38,185	
<i>AMI Total</i>		<i>38,185</i>	
Billing	Balance	61,612	
	Budget	14,628	
	Credit	577,374	a
	General	1,333,164	
	Payment Options	397,212	
<i>Billing Total</i>		<i>2,383,990</i>	
Customer Choice	Residential	35,008	
	Spanish	2,680	
<i>Customer Choice Total</i>		<i>37,688</i>	
Moving	Transfer	191,803	
	Turn Off	74,852	
	Turn On	365,752	
	Other	242,168	
<i>Moving Total</i>		<i>874,575</i>	
New Business	All	72,678	
<i>New Business Total</i>		<i>72,678</i>	
Other	Miscellaneous	1,040,346	
<i>Other Total</i>		<i>1,040,346</i>	b
Outage	Emergency	117,611	
	Miscellaneous	146,726	
	Report	267,989	
	Status	29,354	
<i>Outage Total</i>		<i>561,680</i>	
Care	English	153,922	
	Spanish	20,889	
<i>Care Total</i>		<i>174,811</i>	
Grand Total		5,183,953	c
Total Identified Handled Calls		4,143,607	d = c - b
Total Handled Calls that are Credit Related Call Type		577,374	f = a
Total Handled Calls that are Credit Related Call Type As a percentage of Total Identified Handled Calls		13.9%	g = f / e

Docket No. 15-_____
 Work Paper to ComEd Ex. 7.01
 Indirect Uncollectible Cost Study
 Attachment A
 Indirect Uncollectible Costs

Commonwealth Edison Company
 Determination of Uncollectible Costs as a Percentage of Account Receivables Over 60 Days Past Due

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
Accounts Receivable ⁽¹⁾ -												
TOTAL RECEIVABLES (Act & Inact)	\$ 503,578,514	\$ 521,524,153	\$ 498,161,275	\$ 452,899,755	\$ 422,788,757	\$ 474,872,452	\$ 540,497,962	\$ 540,203,381	\$ 559,333,104	\$ 483,828,463	\$ 436,289,520	\$ 483,528,358
> 60 Day Receivables	\$ 98,429,707	\$ 101,052,797	\$ 100,865,206	\$ 96,724,555	\$ 94,689,162	\$ 96,810,591	\$ 93,314,729	\$ 93,863,042	\$ 97,096,259	\$ 95,412,705	\$ 98,869,644	\$ 102,622,311
> 90 Day Receivables	\$ 75,942,202	\$ 74,529,480	\$ 72,112,364	\$ 69,515,542	\$ 72,067,460	\$ 73,382,550	\$ 73,735,883	\$ 71,668,751	\$ 68,890,373	\$ 69,139,359	\$ 70,222,437	\$ 74,617,890
> 120 Day Receivables	\$ 59,505,469	\$ 60,588,446	\$ 56,846,645	\$ 55,293,969	\$ 56,665,781	\$ 59,116,124	\$ 60,354,082	\$ 60,157,375	\$ 56,607,253	\$ 54,557,776	\$ 55,544,456	\$ 56,353,423
0-30 Days	\$ 352,567,256	\$ 353,698,078	\$ 336,993,691	\$ 306,951,046	\$ 281,168,898	\$ 333,810,875	\$ 399,414,418	\$ 388,338,669	\$ 396,644,425	\$ 326,403,788	\$ 289,247,436	\$ 338,964,047
31-60 Days	\$ 52,581,551	\$ 66,773,277	\$ 60,302,377	\$ 49,224,154	\$ 46,930,697	\$ 44,250,986	\$ 47,768,814	\$ 58,001,671	\$ 65,592,420	\$ 62,011,970	\$ 48,172,441	\$ 41,942,000
61-90 Days	\$ 22,487,505	\$ 26,523,317	\$ 28,752,842	\$ 27,209,013	\$ 22,621,702	\$ 23,428,041	\$ 19,578,846	\$ 22,194,290	\$ 28,205,885	\$ 26,273,347	\$ 28,647,207	\$ 28,004,421
91-120 Days	\$ 16,436,733	\$ 13,941,034	\$ 15,265,719	\$ 14,221,573	\$ 15,401,679	\$ 14,266,426	\$ 13,381,801	\$ 11,511,376	\$ 12,283,120	\$ 14,581,583	\$ 14,677,981	\$ 18,264,467
121+ Days	\$ 59,505,469	\$ 60,588,446	\$ 56,846,645	\$ 55,293,969	\$ 56,665,781	\$ 59,116,124	\$ 60,354,082	\$ 60,157,375	\$ 56,607,253	\$ 54,557,776	\$ 55,544,456	\$ 56,353,423
Over 60 Days	\$ 98,429,707	\$ 101,052,797	\$ 100,865,206	\$ 96,724,555	\$ 94,689,162	\$ 96,810,591	\$ 93,314,729	\$ 93,863,042	\$ 97,096,259	\$ 95,412,705	\$ 98,869,644	\$ 102,622,311

Over 60 Days Past Due Amount in 2014	\$ 97,479,226
Uncollectible Expense in 2014 ⁽²⁾	45,130,560
Uncollectibles as a % of Account Receivables Over 60 days Past Due	46.3%

Notes:
 (1) ComEd records.
 (2) FERC Form 1, page 322, line 162.

Commonwealth Edison Company
 Determination of Uncollectible Costs for Distribution by Delivery Class
 2014

Retail Customer Designation	Bad Debt Allocation ⁽¹⁾	
Distribution		
R: Residential		\$16,580,706
N: Nonresidential ⁽²⁾		\$1,675,326
A: All Other ⁽³⁾		<u>\$1,080,635</u>
Total Distribution		\$19,336,667
	2013	2013
Delivery Class	Delivery Revenue ⁽⁴⁾	Bad Debt Allocation ⁽⁵⁾
Single Family Without Electric Space Heat	\$1,084,082,883	\$12,234,230
Multi Family Without Electric Space Heat	\$311,999,027	\$3,521,011
Single Family With Electric Space Heat	\$20,294,746	\$229,033
Multi Family With Electric Space Heat	<u>\$52,850,176</u>	<u>\$596,432</u>
Total R: Residential	\$1,469,226,832	\$16,580,706
Watt-Hour	\$26,833,237	\$61,057
Small Load (0 to 100 kW)	\$339,635,170	\$772,814
Medium Load (Over 100 to 400 kW)	\$201,064,068	\$457,506
Large Load (Over 400 to 1000 kW)	<u>\$168,737,464</u>	<u>\$383,949</u>
Total N: Nonresidential ⁽³⁾	\$736,269,939	\$1,675,326
Very Large Load (Over 1,000 to 10,000 kW)	\$288,970,223	\$829,368
Extra Large Load (Over 10,000 kW)	\$43,120,025	\$123,758
High Voltage	\$17,328,709	\$49,735
Fixture-Included Lighting	\$15,642,284	\$44,895
Dusk to Dawn Lighting	\$4,628,564	\$13,284
General Lighting	\$1,097,036	\$3,149
Railroad	<u>\$5,730,388</u>	<u>\$16,447</u>
Total A: All Other ⁽⁴⁾	\$376,517,229	\$1,080,636
Total	\$2,582,014,000	\$19,336,668

Notes:

- (1) These 2014 uncollectible costs by three groups are preliminary 2014 Net Charge-Offs from Accounting that will be reported in column B on Page 5 of 7 in the Rider UF workpaper to Informational Sheet No. 20.
- (2) Nonresidential retail customers to which the Watt-Hour, Small Load, Medium Load, or Large Load Delivery Class is applicable.
- (3) Lighting retail customers and nonresidential retail customers to which the Very Large Load, Extra Large Load, High Voltage, or Railroad Delivery Class is applicable.
- (4) From the compliance rate design submitted in ICC Docket No. 14-0312 with rates effective January 2015.
- (5) Used in ComEd Ex. 7.01, Sch. 2b, line 87.

Commonwealth Edison Company

Line No.	Month	No. of Customers		
		Residential	SCI	LCI
1	Jan-14	3,484,855	367,629	2,020
2	Feb-14	3,486,967	367,543	2,026
3	Mar-14	3,488,204	367,282	2,028
4	Apr-14	3,492,087	367,322	2,017
5	May-14	3,490,896	367,374	2,019
6	Jun-14	3,487,337	367,354	2,025
7	Jul-14	3,483,524	367,105	2,028
8	Aug-14	3,484,376	367,185	2,015
9	Sep-14	3,486,438	367,446	1,992
10	Oct-14	3,490,204	367,779	1,979
11	Nov-14	3,497,626	368,628	1,983
12	Dec-14	3,502,386	369,053	1,998
13	Jan-15	3,507,156	369,400	1,987
14	Feb-15	3,509,540	369,501	1,974
15	Mar-15	3,511,305	369,503	1,966
	YTD Mar-14	3,486,675	367,485	
	YTD Mar-15	3,509,334	369,468	
	Percent Change	0.65%	0.54%	

The customer count adjustment is entered in the Allocation Work Paper used for ComEd's ECOSS and also in ComEd' Rate Design pursuant to the directives in the Orders in Docket No. 13-0318 (2013 Formula Rate Update at 78) and Docket No. 13-0387 (2013 Rate Design Investigation at 51).

Sum of Posted Total Amt Row Labels	Column Labels			
	ITCS3639	.	ITCS3697	Grand Total
2013	185,416			185,416
408100	23			23
557000	109,807			109,807
566000	1,937			1,937
926000	189			189
935000	73,460			73,460
2014	15,627	813,887	216,634	1,046,148
106030		813,887	216,634	1,030,521
107000		-	-	-
408100	64			64
557000	15,275			15,275
926000	288			288
Grand Total	201,043	813,887	216,634	1,231,564

	CIMS	MISC	
Plant Additions	\$ 814	217	Gross Plant, per pivot above
Accumulated Reserve	\$ (7)	\$ (2)	Per Plant Accounting
Allocator	100%	87.74%	
	\$ 814	\$ 190	
ADIT	\$ (170)	\$ (40)	
	\$ 644	\$ 150	
Rate of Return - REC	9.98%	9.98%	
	\$ 64	\$ 15	
Interest on REC	\$ 10	\$ 2	See Interest Tabs
Rate Base RR Impact - REC	\$ 74	\$ 17	
Rate of Return - FY	10.01%	10.01%	
Rate Base RR Impact - FY	\$ 64	\$ 15	
Rate Base RR Impact	\$ 138	\$ 32	
Depreciation Expense	7	2	Per Plant Accounting
Allocator	87.70%	87.70%	Per C-2, Line 5
Expense RR Impact	6	2	
			,000
Total RR Impact	\$ 144	\$ 34	\$ 179