

PUBLIC

Commonwealth Edison Company
The Determination of Weather Normalized Coincident Peaks (CPs) and Noncoincident Peak (NCPs)

Docket No. 13-_____
ComEd Ex. 3.05
FRU ECOS ALLOCATIONS
Tab: WN CPsNCPs

2006 Weather Normalized	CP-ALL	% of Total	NCP<69 KV	% of Total
Residential ⁽¹⁾	9,799,256	45.2%	10,894,829	46.6%
Nonresidential ⁽²⁾	11,888,584	54.8%	12,498,678	53.4%
Total	21,687,840	100.0%	23,393,507	100.0%

	7/6/2012		2012		Weather Normal		Weather Normal	
	CP-ALL⁽³⁾	% of Total	NCP<69 KV⁽⁴⁾	% of Total	CP-ALL	% of Total	NCP<69 KV	% of Total
	4 pm to 5 pm				4 pm to 5 pm			
	(a)		(b)		(c)		(d)	
Single Family Without Electric Space Heat ⁽⁵⁾	8,025,924	38.3%	8,175,070	36.3%	7,804,759	36.0%	8,193,479	35.0%
Multi Family Without Electric Space Heat ⁽⁵⁾	1,692,928	8.1%	1,872,810	8.3%	1,646,277	7.6%	1,877,027	8.0%
Single Family With Electric Space Heat ⁽⁵⁾	120,789	0.6%	249,436	1.1%	117,460	0.5%	249,998	1.1%
Multi Family With Electric Space Heat ⁽⁵⁾	237,299	1.1%	573,034	2.5%	230,760	1.1%	574,324	2.5%
Total Residential	10,076,940	48.1%	10,870,350	48.2%	9,799,256	45.2%	10,894,828	46.6%
Watt-Hour ⁽⁶⁾	110,162	0.5%	135,796	0.6%	121,754	0.6%	146,314	0.6%
Small Load (0 to 100 kW) ⁽⁶⁾	2,564,456	12.2%	2,837,598	12.6%	2,834,296	13.1%	3,057,374	13.1%
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	2,093,230	10.0%	2,355,380	10.4%	2,313,487	10.7%	2,537,807	10.8%
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	1,796,628	8.6%	1,991,103	8.8%	1,985,675	9.2%	2,145,317	9.2%
Very Large Load (Over 1,000 to 10,000 kW) ⁽⁶⁾	3,000,375	14.3%	3,292,291	14.6%	3,316,084	15.3%	3,547,284	15.2%
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	625,475	3.0%	700,651	3.1%	625,475	2.9%	700,651	3.0%
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	47,235	0.2%	11,946	0.1%	47,235	0.2%	11,946	0.1%
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	539,169	2.6%	14,652	0.1%	539,169	2.5%	14,652	0.1%
Fixture-Included Lighting ⁽⁷⁾	553	0.0%	41,580	0.2%	553	0.0%	41,580	0.2%
Dusk to Dawn Lighting ⁽⁷⁾	1,985	0.0%	149,150	0.7%	1,985	0.0%	149,150	0.6%
General Lighting ⁽⁷⁾	8,118	0.0%	8,118	0.0%	8,118	0.0%	8,118	0.0%
Railroad ⁽⁷⁾⁽⁹⁾	94,752	0.5%	138,486	0.6%	94,752	0.4%	138,486	0.6%
Nonresidential	10,882,139	51.9%	11,676,751	51.8%	11,888,584	54.8%	12,498,679	53.4%
Total	20,959,079	100.0%	22,547,101	100.0%	21,687,840	100.0%	23,393,507	100.0%

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	7/6/2012		2012		Weather Normal		Weather Normal
	CP-ALL⁽³⁾	% of Total	NCP<69 KV⁽⁴⁾	% of Total	CP-ALL	% of Total	NCP<69 KV
	4 pm to 5 pm				4 pm to 5 pm		
	(a)		(b)		(c)		(d)
Secondary Voltage Service Points Only							
Small Load (0 to 100 kW) ⁽⁶⁾	2,562,853		2,835,902		2,832,524		3,055,547
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	2,070,584		2,328,291		2,288,459		2,508,619
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	1,750,039		1,936,055		1,934,183		2,086,006
Very Large Load (Over 1,000 to 10,000 kW)	2,362,902		2,584,362		2,611,534		2,784,524
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	277,554		303,966		277,554		303,966
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	570		1,377		570		1,377
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	2,085		2,691		2,085		2,691
Primary Voltage Service Points with ComEd Transformers							
Small Load (0 to 100 kW) ⁽⁶⁾	na		1,350				1,454
Medium Load (Over 100 to 400 kW) ⁽⁶⁾			19,464				20,972
Large Load (Over 400 to 1000 kW) ⁽⁶⁾			34,530				37,204
Very Large Load (Over 1,000 to 10,000 kW) ⁽⁶⁾			441,410				475,598
Extra Large Load (Over 10,000 kW) ⁽⁷⁾			239,234				239,234
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾			645				645
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾			4,675				4,675
High Voltage CP 69kV & below							
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	11,900				11,900		
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	41,724				41,724		
CP < 69 kV							
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	8,698				8,698		
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	8,267				8,267		

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Docket No. 13-_____
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FRU ECOSS ALLOCATIONS
Tab: WN CPsNCPs

Notes:

- (1) The CP-ALL load is the sum of the residential class load on July 17, 2006 for the hour between 4 pm and 5 pm, ComEd's system peak on that day.
The NCP<69 kV load is the sum of the highest single and multi family non electric space heat subclass loads on July 17, 2006 plus the sum of the highest 2006 single and multi family electric space heating subclass loads.
- (2) The CP-ALL load is the sum of the nonresidential class hourly loads on July 17, 2006 for the hour between 4 pm and 5 pm, ComEd's system peak on that day.
The NCP<69 kV load is the sum of the highest individual customer class hourly loads in 2006 for the portion of the loads delivered at voltages below 69 kV.
- (3) The loads under column (a) are the hourly loads of individual classes on July 6, 2012 for the hour between 4 pm and 5 pm, ComEd's system peak for that hour in 2012.
- (4) The loads under column (b) are the highest individual customer class hourly loads in 2012 for the portion of the loads delivered at voltages below 69 kV.
- (5) The loads under columns (c) and (d) for the residential classes are determined by allocating the totals described in Note (1) to the classes based on the loads shown in columns (a) and (b), respectively.
- (6) The loads under columns (c) and (d) for the smaller nonresidential classes up to the Very Large Load are determined from total nonresidential described in Note (2) after removing the loads for the larger customer classes and lighting classes shown in columns (a) and (b) respectively, and allocating the rest to these smaller nonresidential classes based on the loads shown in columns (a) and (b), respectively.
- (7) The loads for these classes shown in columns (a) and (b) are the same as the loads for these classes shown in columns (c) and (d), respectively.
- (8) Loads presented do not include the Zero Standard Portion described in Rider ZSS - Zero Standard Service.

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Docket No. 13-_____
ComEd Ex. 3.05
FRU ECOSS ALLOCATIONS
Tab: NCP-SEC LINE

Commonwealth Edison Company
The Determination of Non-coincident Demands by Customer Class
for Customers Taking Service at Secondary Voltages Distribution Lines (NCP-SEC LINE)

	Class Noncoincident Peak Demand for Load < 69 kV (NCP < 69 kV) in kW ⁽¹⁾	% of Customers Not Taking Service from Secondary Distribution Lines ⁽²⁾	% of Customers Taking Service from Secondary Distribution Lines	NCP-SEC LINE in kW ⁽³⁾
	(A)	(B)	(C) = 1 - (B)	(D) = (A) * (C)
<u>Residential</u>				
1 Single Family Without Electric Space Heat	8,193,479	2.3%	97.7%	8,005,029
2 Multi Family Without Electric Space Heat	1,877,027	18.2%	81.8%	1,535,408
3 Single Family With Electric Space Heat	249,998	18.7%	81.3%	203,248
4 <u>Multi Family With Electric Space Heat</u>	<u>574,324</u>	18.2%	81.8%	<u>469,797</u>
Total Residential	10,894,828			10,213,482
<u>Nonresidential</u>				
5 Watt-Hour	146,314	6.5%	93.5%	136,804
6 Small Load (0 to 100 kW)	3,057,374	13.9%	86.1%	2,632,399
7 Medium Load (Over 100 to 400 kW)	2,537,807	83.6%	16.4%	416,200
8 Large Load (Over 400 to 1000 kW)	2,145,317	100.0%	0.0%	-
9 Very Large Load (Over 1,000 to 10,000 kW)	3,547,284	100.0%	0.0%	-
10 Extra Large Load (Over 10,000 kW)	700,651	100.0%	0.0%	-
11a. High Voltage Up to 10 MW	11,946	100.0%	0.0%	-
11b. High Voltage Over 10 MW	14,652	100.0%	0.0%	-
12 Fixture-Included Lighting	41,580	1.4%	98.6%	40,998
13 Dusk to Dawn Lighting	149,150	1.4%	98.6%	147,062
14 General Lighting	8,118	1.4%	98.6%	8,004
15 <u>Railroad</u>	<u>138,486</u>	100.0%	0.0%	<u>-</u>
Total Nonresidential	12,498,679			3,381,467
Total	23,393,507			13,594,949

Notes:

- (1) Transferred from column (d) on the WN CPsNCPs page.
- (2) From a "Estimated Percent of Customers That Do Not Receive Service from the Secondary Distribution System" work paper.
- (3) Used in ComEd Ex. 3.04, Schedule 2b, Line 31, Pages 1 and 2 of 4.

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Docket No. 13-_____
ComEd Ex. 3.05
FRU ECOSS ALLOCATIONS
Tab: Service (369)_CTSPts

Commonwealth Edison Company
The Determination of Allocation Factor for Service Cost

	ALPCC 40 yr ⁽⁵⁾		ALPCC 30 yr ⁽⁵⁾		Cost per Customer for Standard CTs, PTs, and Relays ⁽⁶⁾	Annualized Cost per Customer for Standard CTs, PTs, and Relays	Annualized Service Cost and CTs and PTs Costs per Number of Standard Service	Cost per Service / CT&PTs Weighting ⁽⁷⁾ (weighting ratio)	Weighted Customers for Service/CTs&PTs Cost (attribute)
	0.0822 (C)		0.0903 (G)						
Number of Standard Services ⁽³⁾	Cost per Standard Service ⁽⁴⁾	Annualized Cost per Standard Service	Number of Customers with Meters						
(A)	(B)	(D) = (B)*(C)	(E)	(F)	(H) = (F)*(G)	(I) = ((A)*(D)+(E)*(H))/(A)	(J)	(K) = (A) * (J)	
Residential									
1 Single Family Without Electric Space Heat	2,232,153	\$1,307.09	\$107.43	2,232,153	\$0.90	\$0.08	\$107.51	1.000	2,232,153
2 Multi Family Without Electric Space Heat	1,041,504	\$296.38	\$24.36	1,041,504	\$0.90	\$0.08	\$24.44	0.227	236,421
3 Single Family With Electric Space Heat	34,999	\$1,307.09	\$107.43	34,999	\$0.90	\$0.08	\$107.51	1.000	34,999
4 Multi Family With Electric Space Heat	159,349	\$296.38	\$24.36	159,349	\$0.90	\$0.08	\$24.44	0.227	36,172
Nonresidential									
5 Watt-Hour	91,928	\$435.21	\$35.77	91,928	\$1.29	\$0.12	\$35.89	0.334	30,704
6 Small Load (0 to 100 kW)	248,260	\$511.37	\$42.03	248,260	\$89.12	\$8.05	\$50.08	0.466	115,689
7 Medium Load (Over 100 to 400 kW)	17,308	\$666.85	\$54.81	17,308	\$520.72	\$47.03	\$101.84	0.947	16,391
8 Large Load (Over 400 to 1000 kW)	4,191	\$958.45	\$78.78	4,191	\$833.93	\$75.32	\$154.10	1.433	6,006
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873	\$2,876.74	\$236.44	1,873	\$1,941.27	\$175.34	\$411.78	3.830	7,174
10 Extra Large Load (Over 10,000 kW)	98	\$1,711.58	\$140.68	49	\$11,837.77	\$1,069.23	\$675.30	6.281	616
11a. High Voltage (Up to 10,000 kW)	47	\$1,711.58	\$140.68	47	\$37,568.49	\$3,393.34	\$3,534.02	32.872	1,545
11b. High Voltage (Over 10,000 kW)	31	\$1,711.58	\$140.68	31	\$37,568.49	\$3,393.34	\$3,534.02	32.872	1,019
12 Fixture-Included Lighting ⁽¹⁾	174,367	\$149.87	\$12.32	-	\$0.00	\$0.00	\$12.32	0.115	20,052
13 Dusk to Dawn Lighting	170,091	\$149.87	\$12.32	2,923	\$6.98	\$0.63	\$12.33	0.115	19,560
14 General Lighting	11,375	\$149.87	\$12.32	413	\$13.44	\$1.21	\$12.36	0.115	1,308
15 Railroad ⁽²⁾	5	\$1,711.58	\$140.68	2	\$11,135.16	\$1,005.77	\$542.99	5.051	25
Total	4,187,579			3,835,030					2,759,834

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity only for traction power.
- (3) Each customer has a single service connection except customers in the Extra Large Loads, Lighting, and Railroad classes. Each customer in the Extra Large Load class has two service connections, the two railroads have 5 total connections. The service connections for the lighting classes are estimated from the number of meters, number of bills, and information provided by the City of Chicago. Used in ComEd Ex. 3.04, Schedule 2b, Line 34, Pages 1 and 2 of 4
- (4) The investment cost for standard service provided to customers is based on a ComEd service connection facilities study.
- (5) The Annual Levelized Premium of Carrying Costs (ALPCC) for services and for CTs and PTs are based on a 40 year useful life and a 30 year useful life, respectively.
- (6) The investment cost for current and potential transformers (CTs and PTs) provided to customers as standard is based on a ComEd metering facilities study.
- (7) Used in ComEd Ex. 3.04, Schedule 2b, Line 35, Pages 1 of 4 and 2 of 4.

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Docket No. 13-_____
ComEd Ex. 3.05
FRU ECOSS ALLOCATIONS
Tab: Meter_370

Commonwealth Edison Company
The Determination of Meter Factor

	Average Number of Customers with Standard Meters ⁽³⁾	Investment Cost per Customer for Standard Meter ⁽⁴⁾	Meter Only ALPCC ⁽⁵⁾	Annual Investment Cost per Customer for Standard Meter	Cost per Customer for Standard Meter Weighting ⁽⁶⁾ (weighting ratio)	Weighted Standard Meter Cost (attribute)
	(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (A) * (E)
<u>Residential</u>		REDACTED		REDACTED		
1 Single Family Without Electric Space Heat	2,232,153		0.0903		1.000	2,232,153
2 Multi Family Without Electric Space Heat	1,041,504		0.0903		1.000	1,041,504
3 Single Family With Electric Space Heat	34,999		0.0903		1.000	34,999
4 Multi Family With Electric Space Heat	159,349		0.0903		1.000	159,349
<u>Nonresidential</u>						
5 Watt-Hour	91,928		0.0903		0.846	77,771
6 Small Load (0 to 100 kW)	248,260		0.1236		2.588	642,497
7 Medium Load (Over 100 to 400 kW)	17,308		0.1236		3.895	67,415
8 Large Load (Over 400 to 1000 kW)	4,191		0.1236		4.548	19,061
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873		0.1236		4.556	8,533
10 Extra Large Load (Over 10,000 kW)	49		0.1236		12.562	616
11a. High Voltage (Up to 10,000 kW)	47		0.1236		19.850	933
11b. High Voltage (Over 10,000 kW)	31		0.1236		19.850	615
12 Fixture-Included Lighting ⁽¹⁾	n.a.		n.a.		n.a.	n.a.
13 Dusk to Dawn Lighting	2,923		0.1236		2.306	6,740
14 General Lighting	413		0.1236		2.010	830
15 Railroad ⁽²⁾	2		0.1236		53.094	106
Total	3,835,030					4,293,122

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity only for traction power.
- (3) Other than the lighting classes, the information under this column is the number of customers. The numbers listed for the lighting classes are the number of meters in these classes. Used in ComEd Ex. 3.04, Schedule 2b, Line 39, Pages 1 and 2 of 4.
- (4) Standard Meter Investment Cost per Customer is the investment cost for meters provided to customers in each delivery class as standard. It does not included the investment cost for CTs, PTs, and Relays shown on the Service (369)_CTsPTs page. The investment cost provided to customers in each delivery class as standard is based on a ComEd metering facilities study
- (5) The Annual Levelized Premium of Carrying Costs (ALPCC) is based on a 30 year useful life for residential and watt-hour and a 16 year useful life for all others.
- (6) Used in ComEd Ex. 3.04, Schedule 2b, Line 40, Pages 1 and 2 of 4.

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Commonwealth Edison Company
The Determination of Allocation Factor for Meter Reading

Docket No. 13-_____
ComEd Ex. 3.05
FRU ECOSS ALLOCATIONS
Tab: Meter Reading 902

	Average Number of Customers with Standard Meters	Average Annual Standard Meter Reading Cost per Customer ⁽³⁾	Per Customer Meter Reading Cost Weighting Factor ⁽⁴⁾ (weighting ratio)	Weighted Meters for Standard Meter Reading (attribute) (D) = (A) * (C)
	(A)	(B)	(C)	(D) = (A) * (C)
<u>Residential</u>				
1 Single Family Without Electric Space Heat	2,232,153	\$14.78	1.000	2,232,153
2 Multi Family Without Electric Space Heat	1,041,504	\$14.78	1.000	1,041,504
3 Single Family With Electric Space Heat	34,999	\$14.78	1.000	34,999
4 Multi Family With Electric Space Heat	159,349	\$14.78	1.000	159,349
<u>Nonresidential</u>				
5 Watt-Hour	91,928	\$11.89	0.804	73,910
6 Small Load (0 to 100 kW)	248,260	\$21.68	1.467	364,197
7 Medium Load (Over 100 to 400 kW)	17,308	\$81.17	5.492	95,056
8 Large Load (Over 400 to 1000 kW)	4,191	\$87.16	5.897	24,714
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873	\$87.06	5.890	11,032
10 Extra Large Load (Over 10,000 kW)	49	\$209.68	14.187	695
11a. High Voltage (Up to 10,000 kW)	47	\$106.87	7.231	340
11b. High Voltage (Over 10,000 kW)	31	\$106.87	7.231	224
12 Fixture-Included Lighting ⁽¹⁾	n.a.	n.a.	n.a.	n.a.
13 Street Lighting - Dusk to Dawn	2,923	\$61.05	4.131	12,075
14 Street Lighting - All Other Lighting	413	\$29.29	1.982	819
15 Railroad ⁽²⁾	2	\$311.88	21.101	42
Total	3,835,030			4,051,109

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity only for traction power.
- (3) The per customer meter reading cost is based on a ComEd metering facilities study.
- (4) Used in ComEd Ex. 3.04, Schedule 2b, Line 54, Pages 1 and 2 of 4.

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Commonwealth Edison Company
The Determination of Allocation Factor for Meter O&M

	Average Number of Customers with Standard Meters	Average Annual Maintenance and Testing per Customer ⁽³⁾	Total Annual Meter Maintenance and Testing	Meter O&M ⁽⁴⁾⁽⁵⁾	Meter O&M Per Customer	Weighted Meter O&M per Customer ⁽⁶⁾ (weighting ratio)	Weighted Meter O&M (attribute)
	(A)	(B)	(C) = (A) * (B)	(D)	(E)	(F)	(G) = (A) * (F)
Residential				40%			
1 Single Family Without Electric Space Heat	2,232,153	\$0.55	\$1,227,684	\$2,581,345	\$1.16	1.000	2,232,153
2 Multi Family Without Electric Space Heat	1,041,504	\$0.55	\$572,827	\$1,204,434	\$1.16	1.000	1,041,504
3 Single Family With Electric Space Heat	34,999	\$0.55	\$19,249	\$40,474	\$1.16	1.000	34,999
4 Multi Family With Electric Space Heat	<u>159,349</u>	\$0.55	<u>\$87,642</u>	<u>\$184,277</u>	\$1.16	1.000	<u>159,349</u>
Total Residential	3,468,005		\$1,907,402	\$4,010,530			3,468,005
Nonresidential				60%			
5 Watt-Hour	91,928	\$1.26	\$115,829	\$124,563	\$1.36	1.172	107,740
6 Small Load (0 to 100 kW)	248,260	\$18.85	\$4,679,701	\$5,032,567	\$20.27	17.474	4,338,095
7 Medium Load (Over 100 to 400 kW)	17,308	\$32.15	\$556,452	\$598,410	\$34.57	29.802	515,813
8 Large Load (Over 400 to 1000 kW)	4,191	\$31.41	\$131,639	\$141,565	\$33.78	29.121	122,046
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873	\$31.36	\$58,737	\$63,166	\$33.72	29.069	54,446
10 Extra Large Load (Over 10,000 kW)	49	\$56.53	\$2,770	\$2,979	\$60.80	52.414	2,568
11a. High Voltage (Up to 10,000 kW)	47	\$22.81	\$1,072	\$1,153	\$24.53	21.147	994
11b. High Voltage (Over 10,000 kW)	31	\$22.81	\$707	\$760	\$24.52	21.138	655
12 Fixture-Included Lighting ⁽¹⁾	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13 Street Lighting - Dusk to Dawn	2,923	\$14.53	\$42,471	\$45,673	\$15.63	13.474	39,385
14 Street Lighting - All Other Lighting	413	\$10.85	\$4,481	\$4,819	\$11.67	10.060	4,155
15 Railroad ⁽²⁾	<u>2</u>	\$64.72	<u>\$129</u>	<u>\$139</u>	\$69.50	59.914	<u>120</u>
Total Nonresidential	367,025		\$5,593,988	\$6,015,794			5,186,017
Total	3,835,030		\$7,501,390	\$10,026,324			8,654,022

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity for traction power.
- (3) The average annual maintenance, testing and meter reading per customer is based on a ComEd metering facilities study.
- (4) Costs identified as metering services costs in Accounts 586 and 597.

	Total	Metering Services
Account 586	\$10,723,247	\$9,728,048
<u>Account 597</u>	<u>\$308,613</u>	<u>\$298,277</u>
Total	\$11,031,860	\$10,026,325

- (5) Allocated 40% of Metering Services O&M to residential. Based on completed O&M jobs in Field and Metering Services during 2012, 40% metering services related costs are for residential. Please see the "FMS Cost Allocation" page of this exhibit.
- (6) Used in ComEd Ex. 3.04, Schedule 2b, Line 59, Pages 3 and 4 of 4.

PUBLIC

Docket No. 13-_____

ComEd Ex. 3.05

FRU ECOS ALLOCATIONS

Tab: Accounts 901 902 & 903_part 1

Commonwealth Edison Company

The Determination of Allocation Factor for Customer Accounts - Billing and Accounting

	Average Number of Customers in 2012 (A)	LCS Cost Allocation % in 2012 ⁽³⁾		LCS Cost per Account (G) = (F) / (A)	Billing Cost ⁽⁴⁾ (H)	Billing Cost Per Account (J) = (H) / (A)
		(D)	(F) = (D)* (E)			
Residential						
1 Single Family Without Electric Space Heat	2,232,153	0.0%	\$0	\$0.00	\$2,983,580	\$1.34
2 Multi Family Without Electric Space Heat	1,041,504	0.0%	\$0	\$0.00	\$1,718,767	\$1.65
3 Single Family With Electric Space Heat	34,999	0.0%	\$0	\$0.00	\$51,347	\$1.47
4 <u>Multi Family With Electric Space Heat</u>	<u>159,349</u>	<u>0.0%</u>	<u>\$0</u>	<u>\$0.00</u>	<u>\$149,982</u>	<u>\$0.94</u>
Total Residential	3,468,005 (B)	0.0%	\$0	\$0.00	\$4,903,676	\$1.41
Nonresidential						
5 Watt-Hour	91,928	1.0%	\$72,418	\$0.79	\$213,814	\$2.33
6 Small Load (0 to 100 kW)	248,260	2.0%	\$144,836	\$0.58	\$1,292,844	\$5.21
7 Medium Load (Over 100 to 400 kW)	17,308	2.5%	\$181,046	\$10.46	\$71,869	\$4.15
8 Large Load (Over 400 to 1000 kW)	4,191	15.0%	\$1,086,273	\$259.19	\$30,467	\$7.27
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873	74.0%	\$5,358,947	\$2,861.16	\$45,236	\$24.15
10 Extra Large Load (Over 10,000 kW)	49	3.5%	\$253,464	\$5,172.73	\$2,279	\$46.51
11a. High Voltage (Up to 10,000 kW)	47	0.9%	\$65,176	\$1,386.72	\$12,533	\$266.66
11b. High Voltage (Over 10,000 kW)	31	0.6%	\$43,451	\$1,401.65	\$5,697	\$183.77
12 Fixture-Included Lighting ⁽¹⁾	1,958	0.0%	\$0	\$0.00	\$0	\$0.00
13 Street Lighting - Dusk to Dawn	3,547	0.0%	\$0	\$0.00	\$1,139	\$0.32
14 Street Lighting - All Other Lighting	941	0.0%	\$0	\$0.00	\$1,588	\$1.69
15 <u>Railroad⁽²⁾</u>	<u>2</u>	<u>0.5%</u>	<u>\$36,209</u>	<u>\$18,104.50</u>	<u>\$12,316</u>	<u>\$6,158.00</u>
Total Nonresidential	370,135	100.0%	\$7,241,820	\$19.57	\$1,689,782	\$4.57
Total	3,838,140 (C)	100.0%	\$7,241,820	\$1.89	\$6,593,458 (I)	\$1.72

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Docket No. 13-____
ComEd Ex. 3.05
FRU ECROSS ALLOCATIONS
Tab: Accounts 901 902 & 903_part 2

Commonwealth Edison Company
The Determination of Allocation Factor for Customer Accounts - Billing and Accounting
(Continued)

	Peak Time Rebate (PTR) Costs in Account 903 (L) = ((A) / (B)) * (K)	Other Customer Costs in Accounts 901, 902 & 903 ⁽⁵⁾ (N) = ((A) / (C)) * (M)	Accounts 901, 902 & 903 Costs (Non SBO, Non Meter, Non SAC, NonCARE) (O)=(F)+(H)+(L)+(N)	Accounts 901, 902 & 903 Costs Per Customer (Non SBO, Non Meter, Non SAC, NonCARE) (T) = (S) / (A)	Per Customer Weights (Non SBO, Non Meter, Non SAC, NonCARE) ⁽⁶⁾ (weighting ratio) (U)	Weighted Customers for Customer Accounts (Non SBO, Non Meter, Non SAC, NonCARE) (attribute) (V) = (U) * (A)
Residential						
1 Single Family Without Electric Space Heat	\$110,303	\$61,225,048	\$64,318,931	\$28.81	1.000	2,232,153
2 Multi Family Without Electric Space Heat	\$51,466	\$28,567,097	\$30,337,330	\$29.13	1.011	1,052,961
3 Single Family With Electric Space Heat	\$1,729	\$959,977	\$1,013,053	\$28.95	1.005	35,174
4 Multi Family With Electric Space Heat	\$7,874	\$4,370,735	\$4,528,591	\$28.42	0.986	157,118
Total Residential	\$171,372	\$95,122,857	\$100,197,905	\$28.89	1.003	3,477,406
Nonresidential						
5 Watt-Hour	\$0	\$2,521,465	\$2,807,697	\$30.54	1.060	97,444
6 Small Load (0 to 100 kW)	\$0	\$6,809,448	\$8,247,128	\$33.22	1.153	286,244
7 Medium Load (Over 100 to 400 kW)	\$0	\$474,736	\$727,651	\$42.04	1.459	25,252
8 Large Load (Over 400 to 1000 kW)	\$0	\$114,954	\$1,231,694	\$293.89	10.201	42,752
9 Very Large Load (Over 1,000 to 10,000 kW)	\$0	\$51,374	\$5,455,557	\$2,912.74	101.102	189,364
10 Extra Large Load (Over 10,000 kW)	\$0	\$1,344	\$257,087	\$5,246.67	182.113	8,924
11a. High Voltage (Up to 10,000 kW)	\$0	\$1,289	\$78,998	\$1,680.81	58.341	2,742
11b. High Voltage (Over 10,000 kW)	\$0	\$850	\$49,998	\$1,612.84	55.982	1,735
12 Fixture-Included Lighting ⁽¹⁾	\$0	\$53,705	\$53,705	\$27.43	0.952	1,864
13 Street Lighting - Dusk to Dawn	\$0	\$97,290	\$98,429	\$27.75	0.963	3,416
14 Street Lighting - All Other Lighting	\$0	\$25,810	\$27,398	\$29.12	1.011	951
15 Railroad ⁽²⁾	\$0	\$55	\$48,580	\$24,290.00	843.110	1,686
Total Nonresidential	\$0	\$10,152,320	\$19,083,922	\$51.56	1.790	662,375
Total	\$171,372	\$105,275,177	\$119,281,827	\$31.08	1.079	4,139,780

Commonwealth Edison Company
The Determination of Allocation Factor for Customer Accounts - Billing and Accounting
(Continued)

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity for traction power.
- (3) Large Customer Solutions (LCS) cost in Account 903 in 2012 was: \$7,241,820 (E)
- (4) Transferred from column (N) on the Billing Cost page.
- (5) Other Customer Costs in Accounts 901, 902 & 903 are costs in these accounts not related to (a) Metering Services, (b) Bill Issue and Processing, Cash and Collection related, (c) LCS, (d) Billing costs, (e) Excluded costs and (f) PTR costs:

	Total	Metering Services	Excluded Cost
Account 901	\$790,420	\$0	(\$77,000)
Account 902	\$45,169,919	\$36,937,899	\$0
<u>Account 903</u>	<u>\$141,154,699</u>	<u>\$8,263,950</u>	<u>\$1,077,000</u>
Total	\$187,115,038 (P)	\$45,201,849 (Q)	\$1,000,000 (R)
Bill Issue and Processing, Cash and Collection		\$21,631,359 (M)	
PTR Costs		\$171,373 (K)	
Other Customer Costs in Accounts 901, 902 & 903		\$105,275,178 (S) = (P) - (Q) - (R) - (M) - (K) - (E) - (I)	

- (6) Used in ComEd Ex. 3.04, Schedule 2b, Line 79, Pages 3 and 4 of 4.

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Commonwealth Edison Company
The Determination of Billing Costs by Delivery Class (Excluding Costs related to Bill Issuing and Processing)

	Average Number of Customers in 2012 ⁽³⁾	Total (Average) Number of Monthly Review Bills in 2012 ⁽⁴⁾	Billing Costs Related to Review Bills ⁽⁵⁾	Total Number of Billing Adjustments in 2012 ⁽⁴⁾	Billing Costs Related to Billing Activities Other than Review Bill ⁽⁵⁾	Billing Costs ⁽⁶⁾
	(A)	(B)	(J) = (B) * ((G) / (I))	(K)	(M) = (K) * ((H) / (L))	(N) = (J) + (M)
Residential						
1 Single Family Without Electric Space Heat	2,232,153	244	\$139,001	41,934	\$2,844,579	\$2,983,580
2 Multi Family Without Electric Space Heat	1,041,504	9	\$5,127	25,262	\$1,713,640	\$1,718,767
3 Single Family With Electric Space Heat	34,999	30	\$17,090	505	\$34,257	\$51,347
4 Multi Family With Electric Space Heat	159,349	-	\$0	2,211	\$149,982	\$149,982
Total Residential	3,468,005	283	\$161,218	69,912	\$4,742,458	\$4,903,676
Nonresidential						
5 Watt-Hour	91,928	5	\$2,848	3,110	\$210,966	\$213,814
6 Small Load (0 to 100 kW)	248,260	135	\$76,907	17,925	\$1,215,937	\$1,292,844
7 Medium Load (Over 100 to 400 kW)	17,308	64	\$36,459	522	\$35,410	\$71,869
8 Large Load (Over 400 to 1000 kW)	4,191	33	\$18,799	172	\$11,668	\$30,467
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873	70	\$39,877	79	\$5,359	\$45,236
10 Extra Large Load (Over 10,000 kW)	49	4	\$2,279	-	\$0	\$2,279
11a. High Voltage (Up to 10,000 kW)	47	22	\$12,533	-	\$0	\$12,533
11b. High Voltage (Over 10,000 kW)	31	10	\$5,697	-	\$0	\$5,697
12 Fixture-Included Lighting ⁽¹⁾	1,958	-	\$0	-	\$0	\$0
13 Street Lighting - Dusk to Dawn	3,547	2	\$1,139	-	\$0	\$1,139
14 Street Lighting - All Other Lighting	941	1	\$570	15	\$1,018	\$1,588
15 Railroad ⁽²⁾	2	14	\$7,975	64	\$4,341	\$12,316
Total Nonresidential	370,135	360	\$205,083	21,887	\$1,484,699	\$1,689,782
Total	3,838,140	643 (I)	\$366,301	91,799 (L)	\$6,227,157	\$6,593,458

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity only for traction power. The two railroad customers have a total of 14 accounts that are all manually reviewed.
- (3) From CIMS, ComEd's billing system.
- (4) Provided by ComEd's System Billing department.
- (5) Billing costs related to review Bills and other billing activities are first determined by the number of billing clerks with responsibility in review bills and other activities.

ComEd Billing Costs in Account 903 not related to Bill Issuing and Processing, in 2012 from ComEd's general ledger	\$6,593,458 (C)
Number of billing clerks, from ComEd's system Billing	54 (D)
Average cost per billing clerk	\$122,101 (E) = (C) / (D)
Number of billing clerks work on Review Bills, provided by ComEd's System Billing	3 (F)
Billing costs related to Review Bills	\$366,303 (G) = (E) * (F)
Billing costs for billing activities other than Review Bills	\$6,227,155 (H) = (C) - (G)

The billing costs for review bills are allocated to delivery classes based on the average number of review bills by delivery class in 2012 and the remainder of the billing costs are allocated to delivery classes based on the total number of bill adjustments by delivery class in 2012.

- (6) Transferred to column (I) on the Account 901 902 & 903 page.

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Commonwealth Edison Company
The Determination of Allocation Factor for Customer Installations Expenses

Docket No. 13-____
ComEd Ex. 3.05
FRU ECOSS ALLOCATIONS
Tab: Account 587

	Average Number of Accounts in 2012 ⁽³⁾	Customer Installations Costs in 2012 ⁽⁵⁾	Per Customer Installations Costs in 2012	Per Customer Installations Costs Weighting Factor ⁽⁶⁾ (weighting factor)	Weighted Customers for Customer Installations Costs (attribute)
	(A)	(B)	(E) = (B) / (A)	(G) = (E) / (F)	(H) = (G) * (A)
Residential					
1 Single Family Without Electric Space Heat	2,232,153	\$9,582,791	\$4.29 (F)	1.000	2,232,153
2 Multi Family Without Electric Space Heat	1,041,504	\$4,471,250	\$4.29	1.000	1,041,504
3 Single Family With Electric Space Heat	34,999	\$150,253	\$4.29	1.000	34,999
4 Multi Family With Electric Space Heat	159,349	\$684,097	\$4.29	1.000	159,349
Total Residential	3,468,005	\$14,888,391	\$4.29		3,468,005
Nonresidential					
5 Watt-Hour	91,928	\$934,736	\$10.17	2.371	217,961
6 Small Load (0 to 100 kW)	248,260	\$2,524,340	\$10.17	2.371	588,624
7 Medium Load (Over 100 to 400 kW)	17,308	\$175,990	\$10.17	2.371	41,037
8 Large Load (Over 400 to 1000 kW)	4,191	\$42,615	\$10.17	2.371	9,937
9 Very Large Load (Over 1,000 to 10,000 kW)	1,873	\$19,045	\$10.17	2.371	4,441
10 Extra Large Load (Over 10,000 kW)	49	\$498	\$10.17	2.371	116
11a. High Voltage (Up to 10,000 kW)	47	\$478	\$10.17	2.371	111
11b. High Voltage (Over 10,000 kW)	31	\$315	\$10.17	2.371	74
12 Fixture-Included Lighting ⁽¹⁾	1,958	\$19,909	\$10.17	2.371	4,642
13 Street Lighting - Dusk to Dawn	3,547	\$36,066	\$10.17	2.371	8,410
14 Street Lighting - All Other Lighting	941	\$9,568	\$10.17	2.371	2,231
15 Railroad ⁽²⁾	2	\$20	\$10.17	2.371	5
Total Nonresidential	370,135	\$3,763,581	\$10.17		877,590
Total	3,838,140	\$18,651,972	\$4.86	1.133	4,345,595

Customer Installations costs recorded in Accounts 587:

Account	Amount in 2012 ⁽⁴⁾	Customer Installations Expenses			
		Metering Services	Customer Installations	Residential ⁽⁴⁾	Nonresidential ⁽⁴⁾
587	\$19,728,465	\$1,076,493	\$18,651,972	\$14,888,391 (C)	\$3,763,581 (D)

Notes:

- (1) These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- (2) The customers in the Railroad class use electricity only for traction power.
- (3) From CIMS, ComEd's billing system.
- (4) Determined from detailed 2012 costs information recorded in Account 587 in ComEd's general ledger, shown on the Account 587_by Project page.
- (5) Determined from allocating residential only costs in (C) to residential delivery classes, nonresidential only costs in (D) to nonresidential delivery classes,
- (6) Used in ComEd Ex. 3.04, Schedule 2b, Line 67, Pages 3 and 4 of 4.

Commonwealth Edison Company
The Assignment of Costs to Residential and Nonresidential Customers
for Costs Recorded in Account 587, Customer Installations Expenses, for 2012

Proj - ID	Proj - Descr	Cost Assignment - R (Residential), N (Nonresidential), Excluded or See Notes	2012 Amount	Metering Services	Customer Installations Expenses	
					Residential	Nonresidential
08NBD050	Ohare Heating and Cooling	NR	\$3,857			\$3,857
10GED010	Stewardship Wind - studies	NR	\$2,645			\$2,645
11NBD037	840 SOUTH CANAL TEMP SERV	NR	(\$249)			(\$249)
11NBD108	VA Hospital Comms Recovery	NR	\$12,954			\$12,954
11NBD118	DupageGov Campus Power-Study	NR	\$4,373			\$4,373
12NBD018	360 W Hubbard Temp	NR	\$180,386			\$180,386
12NBD078	630-50 n McClurg TEMP SERVICE	NR	\$6,612			\$6,612
12NBD140	LP - 259 E Erie Temp	NR	\$161,187			\$161,187
ECCRELAF	Cust Relo Req Chgo Com OH	NR	\$15,210			\$15,210
ECCRELUF	Cust Relo Req Chgo Com UG	NR	\$2,605			\$2,605
ECCREVAS	Rev Com OH Service Inside Chgo	NR	\$17,697	\$7		\$17,690
ECCREVUS	Rev Com UG Service Inside Chgo	NR	\$122,046	\$111		\$121,935
ECCTEMPS	Temp Commercial Service Chgo	NR	\$963,045			\$963,045
EOCREVAS	Rev Com OHService Outside Chgo	NR	\$36,139			\$36,139
EOCREVUS	Rev Com UGService Outside Chgo	NR	\$42,007			\$42,007
EOCTEMPS	Temp Com Service Outside Chgo	NR	\$320,058			\$320,058
EXNOHARE	OHARE Expense Work- Non Reimb	NR	\$32,332			\$32,332
LARGE	Large Cust Services	NR	\$28			\$28
ECRRELAF	Cust Relo Req Chgo Res OH	R	(\$8,563)		(\$8,563)	
ECRRELUF	Cust Relo Req Chgo Res UG	R	\$230		\$230	
ECRREVAS	Rev Res OH Service Inside Chgo	R	\$52,062		\$52,062	
ECRREVUS	Rev Res UG Service Inside Chgo	R	(\$256)		(\$256)	
ECRTEMPS	Temp Residential Service-Chgo	R	\$4,182		\$4,182	
EORRELAF	Relo Req Outside Chgo Res OH	R	\$25,483		\$25,483	
EORRELUF	Relo Req Outside Chgo Res UG	R	\$3,354		\$3,354	
EORREVAS	Rev Res OHService Outside Chgo	R	\$14,947		\$14,947	
EORREVUS	Rev Res UGService Outside Chgo	R	\$5,791		\$5,791	
EORTEMPS	Temp Res Service Outside Chgo	R	\$4,035		\$4,035	
CMDCCM	Pole Cuts - Cons on Cut Meters	(1)	\$131,097		\$117,987	\$13,110
CMDCIM	Pole Cuts - Cons on Inactive	(1)	\$378,224		\$340,402	\$37,822
EOMJOBWK	New Bus Make Safe Outside Chgo	(1)	(\$3,846)		(\$3,461)	(\$385)
~NA~	#N/A	(1)	\$46,457		\$41,811	\$4,646
ECMJOBWK	New Bus Make Safe Chicago	(1)	\$31,864		\$28,678	\$3,186
ARP587	INVEST DIST CUST COMPLAINTS	(2)	\$13,501,541		\$12,151,387	\$1,350,154
CSREVLEAK	To Track Revenue Leakage Costs	(3)	\$2,222,253		\$1,844,470	\$377,783
CSRR22	Investigate Unmetered Current	(3)	\$242,966		\$201,662	\$41,304
CSFM09	Investigate Unmetered Current	(3)	\$1,153,712	\$1,076,375	\$64,190	\$13,147
Total		(4)	\$19,728,465	\$1,076,493	\$14,888,391	\$3,763,581

Notes:

- (1) The costs of these projects were assigned about 90%/10% to residential and nonresidential customers based on the number of residential and nonresidential customers in 2012.
- (2) The costs of investigating distribution customer complaints were assigned about 90%/10% to residential and nonresidential customers based on the number of non-storm related outages of residential and nonresidential customers being restored in 2012.
- (3) The costs of investigating unmetered current and track revenue leakage costs were assigned about 83%/17% to residential and nonresidential customers based on the number of field investigations completed for residential and nonresidential customers 2012.
- (4) Totals are transferred to the Account 587 page.

PUBLIC

Docket No. 13-____
ComEd Ex. 3.05
FRU ECOSS ALLOCATIONS
Tab: Accounts 907-910

Commonwealth Edison Company
The Determination of Allocation Factor for Customer Information

	2012 kWh Delivered - from Billing <u>Determinants</u> ⁽²⁾	Average Number of Accounts in <u>2012</u>	Customer Information Costs in <u>2012</u> ⁽⁸⁾	<u>% of Total</u> (J) = ((G) or (H)) / (I)
	(A)	(C)	(G) = (E) * (A) / (B)	
<u>Residential</u>				
1 Single Family Without Electric Space Heat	20,471,628,554		\$12,566,388	57.919%
2 Multi Family Without Electric Space Heat	4,425,830,554		\$2,716,770	12.522%
3 Single Family With Electric Space Heat	750,453,895		\$460,662	2.123%
4 Multi Family With Electric Space Heat	<u>1,593,009,493</u>		<u>\$977,859</u>	<u>4.507%</u>
Total Residential	27,240,922,496 (B)	3,468,005	\$16,721,679	77.072%
<u>Nonresidential</u>				
			(H) = (F) * (C) / (D)	
5 Watt-Hour		91,928	\$1,235,515	5.695%
6 Small Load (0 to 100 kW)		248,260	\$3,336,622	15.379%
7 Medium Load (Over 100 to 400 kW)		17,308	\$232,620	1.072%
8 Large Load (Over 400 to 1000 kW)		4,191	\$56,327	0.260%
9 Very Large Load (Over 1,000 to 10,000 kW)		1,873	\$25,173	0.116%
10 Extra Large Load (Over 10,000 kW)		49	\$659	0.003%
11a. High Voltage (Up to 10,000 kW)		47	\$632	0.003%
11b. High Voltage (Over 10,000 kW)		31	\$417	0.002%
12 Fixture-Included Lighting		1,958	\$26,316	0.121%
13 Street Lighting - Dusk to Dawn		3,547	\$47,672	0.220%
14 Street Lighting - All Other Lighting		941	\$12,647	0.058%
15 Railroad ⁽¹⁾		2	\$27	0.000%
Total Nonresidential		370,135	\$4,974,627	22.928%
Total		3,838,140 (D)	\$21,696,306 (I)	100.000%

Commonwealth Edison Company
The Determination of Allocation Factor for Customer Information

Customer Information costs are costs recorded in Accounts 907 through 910:

<u>Account</u>	<u>Amount in 2012⁽³⁾</u>	<u>Excluded Costs</u>	Amount in 2012 Included in the DST Revenue <u>Requirements</u>	<u>Residential</u>	<u>Nonresidential</u>
907	\$0	\$0	\$0	\$0	\$0
908	\$162,153,008	\$143,054,911 ⁽⁴⁾	\$19,098,097	\$14,374,032 ⁽⁵⁾	\$4,724,065 ⁽⁵⁾
909	\$2,598,208	\$0	\$2,598,208 ⁽⁶⁾	\$2,347,647 ⁽⁷⁾	\$250,561 ⁽⁷⁾
<u>910</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total	\$164,751,216	\$143,054,911	\$21,696,305	\$16,721,679 (E)	\$4,974,626 (F)

- Notes:
- (1) The customers in the Railroad class use electricity only for traction power.
 - (2) Weather normalized billing determinants.
 - (3) ComEd FERC Form No. 1 for 2012, page 323.
 - (4) Excluded EDA and CARE costs are transferred from the Account 908_by Project page.
 - (5) Assignment of the residential and nonresidential costs shown on the Account 908_by Project page plus the assignment of the residential and nonresidential costs based on the number of residential and nonresidential customers in 2012.
 - (6) See the Total Advertising and Selling Expense from page 1 of WPC-8 attached to ComEd Ex. 3.0, the Direct Testimony of Martin G. Fruehe in the FRU.
 - (7) The \$2,598,208 recorded in Account 909 - Informational and Instructional Expense, was assigned to residential and nonresidential based on the number of residential and nonresidential customers
 - (8) Determined from allocating residential only costs in (E) to residential delivery classes and nonresidential only costs in (F) to nonresidential delivery classes. Used in ComEd Ex. 3.04, Schedule 2b, Line 84, Pages 3 and 4 of 4.

Commonwealth Edison Company
The Assignment of Costs to Residential and Nonresidential Customers
for Costs Recorded in Account 908, Customer Assistance Expenses, for 2012

Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Total	Excluded Costs (EDA, CARE)	Cost Assignment - R (Residential), N (Nonresidential), Split ⁽¹⁾	Percent Assigned to Residential	Percent Assigned to Nonresidential	Residential	Nonresidential	Residential and Nonresidential ⁽²⁾
8571	ComEd Customer Projects	CAREPGRM	CARE Program Costs	\$0	\$0	Excluded					
8575	ComEd CARE Program	CAREPGRM	CARE Program Costs	\$596,281	\$596,281	Excluded					
486	Energy Efficiency Services	CAREPGRM	CARE Program Costs	\$1,307	\$1,307	Excluded					
7999	T&D General Co Activities	CAREPGRM	CARE Program Costs	\$57	\$57	Excluded					
8538	Rider EDA	EDAAMORT	Rider EDA Amortization	\$142,842,129	\$142,842,129	Excluded					
7999	T&D General Co Activities	EDAAMORT	Rider EDA Amortization	(\$384,863)	(\$384,863)	Excluded					
484	Marketing Research - ComEd	CR4201	Small C&I Cust. Satisfaction	\$193,495		N				\$193,495	
484	Marketing Research - ComEd	CR4202	Large C&I Cust Satisfaction	\$163,389		N				\$163,389	
484	Marketing Research - ComEd	CSRX4208	C&I II Rel & Serv Satisfaction	\$14,448		N				\$14,448	
1470	Director ESO West Account Mngt	ECINEWS	E newsletter for C & I custome	\$9,880		N				\$9,880	
500	Demand Response & Dynamic Pric	INSIGHTS	Energy Insights - NC	\$92,895		N				\$92,895	
7999	T&D General Co Activities	INSIGHTS	Energy Insights - NC	\$4,242		N				\$4,242	
500	Demand Response & Dynamic Pric	MS4011	Manage Curtailment	\$902,264		N				\$902,264	
7999	T&D General Co Activities	MS4011	Manage Curtailment	\$31,987		N				\$31,987	
500	Demand Response & Dynamic Pric	MS4022	Voluntary Load Reduction	\$8,269		N				\$8,269	
500	Demand Response & Dynamic Pric	MS4024	Curtailment Communications	\$10,792		N				\$10,792	
486	Energy Efficiency Services	MS4050	Provide Customer Assist-CPS	\$1,529		N				\$1,529	
7999	T&D General Co Activities	MS4050	Provide Customer Assist-CPS	\$141		N				\$141	
486	Energy Efficiency Services	102706	Trade Alley	\$1,121		N				\$1,121	
7999	T&D General Co Activities	102706	Trade Alley	\$68		N				\$68	
486	Energy Efficiency Services	MS4105	Exelon Environmental Strategy	\$15,742		N				\$15,742	
7999	T&D General Co Activities	MS4105	Exelon Environmental Strategy	\$653		N				\$653	
1498	Automatd Meter Infrastructure	AMPOVER	AMP Over / Undercollections	\$0		N&R					\$0
7999	T&D General Co Activities	~NA~	NOT APPLICABLE	\$107,075		N&R					\$107,075
200	Office SVP Operations	CHICOLL	City College of Chic Training	(\$3,581)		N&R					(\$3,581)
486	Energy Efficiency Services	CHIHOURS	Supp Dec21 Chi Settl Agree	\$0		N&R					\$0
395	IT Projects - COMED	CSECOMG	eChannels General O&M Projects	\$73,310		N&R					\$73,310
1457	eChannel	CSECOMG	eChannels General O&M Projects	\$2,504,433		N&R					\$2,504,433
1457	eChannel	CSECSPEC	Nexidia Speech Analytics	\$72,241		N&R					\$72,241
1457	eChannel	CJSIVEOM	JIVE	\$133,671		N&R					\$133,671
483	Non Tariff Marketing	12MERPMGT	ComEd Reputation Management	\$134,358		N&R					\$134,358
483	Non Tariff Marketing	MEPEP	Enviromental Programs	\$5,000		N&R					\$5,000
8571	ComEd Customer Projects	CSMUNIAG	Municipal Aggregation	\$137		N&R					\$137
7999	T&D General Co Activities	CSMUNIAG	Municipal Aggregation	\$5		N&R					\$5
4713	Strategies & Supprt West	ITCS3426	Tracker Study - EXP	\$1,584		N&R					\$1,584
7999	T&D General Co Activities	ITCS3426	Tracker Study - EXP	\$48		N&R					\$48
483	Non Tariff Marketing	MEPEECO	Env Ed & Outreach	\$480		N&R					\$480
483	Non Tariff Marketing	MS4076	Marketing Web Management	\$11,478		N&R					\$11,478
486	Energy Efficiency Services	12MENETM	Net Metering acct mgmt	\$18,905		N&R					\$18,905
7999	T&D General Co Activities	PORCBOVR	PORCB Amorization	\$50,312		N&R					\$50,312
484	Marketing Research - ComEd	CR4206	PostStorm Restore Satisfaction	\$60,000		N&R					\$60,000
486	Energy Efficiency Services	RESADEQ	Resource Adequacy	(\$85)		N&R					(\$85)
499	Energy Efficiency Plan	RESADEQ	Resource Adequacy	\$634,818		N&R					\$634,818
7999	T&D General Co Activities	RESADEQ	Resource Adequacy	\$288,648		N&R					\$288,648
1475	Account Mngt Western Region	CARECOLL	CARE Cust Asst	\$59		R			\$59		
8579	ComEd Cust Assistance Program	CARECOLL	CARE Cust Asst	\$280,560		R			\$280,560		
7999	T&D General Co Activities	CARECOLL	CARE Cust Asst	\$12,264		R			\$12,264		
484	Marketing Research - ComEd	CR4200	Res Customer Satisfaction	\$373,768		R			\$373,768		
484	Marketing Research - ComEd	CSRX4207	Res II Rel & Serv Satisfaction	\$21,673		R			\$21,673		
484	Marketing Research - ComEd	CSRX4209	American Customer Satis Index	\$70,000		R			\$70,000		
486	Energy Efficiency Services	MS4036	Nature First	\$0		R			\$0		
500	Demand Response & Dynamic Pric	MS4036	Nature First	\$1,948,450		R			\$1,948,450		
486	Energy Efficiency Services	OBFINEXP	On line Bill - Exp	\$90,559		R			\$90,559		
7999	T&D General Co Activities	OBFINEXP	On line Bill - Exp	\$4,124		R			\$4,124		
486	Energy Efficiency Services	PVPILOT1	P V Pilot 2009 - 2010	(\$500,000)		R			(\$500,000)		
500	Demand Response & Dynamic Pric	12CSPTRIM	AMI PTR Marketing O&M	\$1,119,519		R			\$1,119,519		
483	Non Tariff Marketing	12MESHSC	Marketing Smart Home Showcase	\$112,013		R			\$112,013		
395	IT Projects - COMED	ITCS3490	OPower SSO - Exp	\$68,350		R			\$68,350		

PUBLIC

Docket No. 13-_____
ComEd Ex. 3.05
FRU ECROSS ALLOCATIONS
Tab: Account 908_by Project

Commonwealth Edison Company
The Assignment of Costs to Residential and Nonresidential Customers
for Costs Recorded in Account 908, Customer Assistance Expenses, for 2012

Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Total	Excluded Costs (EDA, CARE)	Cost Assignment - R (Residential), N (Nonresidential), Split ⁽¹⁾	Percent Assigned to Residential	Percent Assigned to Nonresidential	Residential	Nonresidential	Residential and Nonresidential ⁽²⁾
486	Energy Efficiency Services	11MSTPEP1	Third-Party Efficiency Program	\$83,141		SPLIT	33%	67%	\$27,437	\$55,704	
7999	T&D General Co Activities	11MSTPEP1	Third-Party Efficiency Program	\$3,547		SPLIT	33%	67%	\$1,171	\$2,376	
486	Energy Efficiency Services	MS4048	Provide Customer Tech Services	\$1,809,947		SPLIT	10%	90%	\$180,995	\$1,628,952	
499	Energy Efficiency Plan	MS4048	Provide Customer Tech Services	(\$49)		SPLIT	10%	90%	(\$5)	(\$44)	
7999	T&D General Co Activities	MS4048	Provide Customer Tech Services	\$72,414		SPLIT	10%	90%	\$7,241	\$65,173	
486	Energy Efficiency Services	MS4092	Net Billing Programs	\$29,150		SPLIT	75%	25%	\$21,863	\$7,287	
500	Demand Response & Dynamic Pric	MS4092	Net Billing Programs	\$0		SPLIT	75%	25%	\$0	\$0	
484	Marketing Research - ComEd	CR4205	Res Phone Answer Satisfaction	\$266,403		SPLIT	67%	33%	\$178,490	\$87,913	
484	Marketing Research - ComEd	CSRX4211	Service Install & Revise Satis	\$41,928		SPLIT	60%	40%	\$25,157	\$16,771	
484	Marketing Research - ComEd	MR4216	Perform Marketing Research	\$792,686		SPLIT	50%	50%	\$396,343	\$396,343	
499	Energy Efficiency Plan	MR4216	Perform Marketing Research	\$0		SPLIT	50%	50%	\$0	\$0	
7999	T&D General Co Activities	MR4216	Perform Marketing Research	\$28,111		SPLIT	50%	50%	\$14,056	\$14,055	
484	Marketing Research - ComEd	MS4059	Data Mining/Analysis	\$119,646		SPLIT	53%	48%	\$62,814	\$56,832	
7999	T&D General Co Activities	MS4059	Data Mining/Analysis	\$866		SPLIT	53%	48%	\$455	\$411	
483	Non Tariff Marketing	MS4077	Marketing Strategic Planning	\$827,984		SPLIT	90%	10%	\$745,186	\$82,798	
486	Energy Efficiency Services	MS4077	Marketing Strategic Planning	\$0		SPLIT	90%	10%	\$0	\$0	
499	Energy Efficiency Plan	MS4077	Marketing Strategic Planning	\$4,548		SPLIT	90%	10%	\$4,093	\$455	
500	Demand Response & Dynamic Pric	MS4077	Marketing Strategic Planning	\$618,930		SPLIT	90%	10%	\$557,037	\$61,893	
7999	T&D General Co Activities	MS4077	Marketing Strategic Planning	\$21,395		SPLIT	90%	10%	\$19,256	\$2,139	
483	Non Tariff Marketing	12MEE0	Outreach and Education	\$43,125		SPLIT	90%	10%	\$38,813	\$4,312	
483	Non Tariff Marketing	12MEEIMAO	Marketing IMA Smart Grid Other	\$988,132		SPLIT	90%	10%	\$889,319	\$98,813	
484	Marketing Research - ComEd	12MEEIMAO	Marketing IMA Smart Grid Other	\$1,237		SPLIT	90%	10%	\$1,113	\$124	
499	Energy Efficiency Plan	12MEEIMAO	Marketing IMA Smart Grid Other	\$0		SPLIT	90%	10%	\$0	\$0	
7999	T&D General Co Activities	12MEEIMAO	Marketing IMA Smart Grid Other	\$381		SPLIT	90%	10%	\$343	\$38	
483	Non Tariff Marketing	12MEEIMAL	Marketing IMA SmartGrid Labor	\$36,431		SPLIT	90%	10%	\$32,788	\$3,643	
484	Marketing Research - ComEd	12MEEIMAL	Marketing IMA SmartGrid Labor	\$23,089		SPLIT	90%	10%	\$20,780	\$2,309	
499	Energy Efficiency Plan	12MEEIMAL	Marketing IMA SmartGrid Labor	\$554		SPLIT	90%	10%	\$499	\$55	
7999	T&D General Co Activities	12MEEIMAL	Marketing IMA SmartGrid Labor	\$11,378		SPLIT	90%	10%	\$10,240	\$1,138	
312	IT Ops Asset Mgmt Supp - CED	ITIM1000	AMI Deployment Rel 0 - Exp	\$81,385		SPLIT	93%	7%	\$75,688	\$5,697	
431	ComEd IT Project	ITIM1000	AMI Deployment Rel 0 - Exp	\$1,257,015		SPLIT	93%	7%	\$1,169,024	\$87,991	
437	EIMA - IT Operations Projects	ITIM1000	AMI Deployment Rel 0 - Exp	\$2,197,286		SPLIT	93%	7%	\$2,043,476	\$153,810	
440	EIMA - IT Customer Projects	ITIM1000	AMI Deployment Rel 0 - Exp	\$229,205		SPLIT	93%	7%	\$213,161	\$16,044	
395	IT Projects - COMED	ITIM1000	AMI Deployment Rel 0 - Exp	\$348,856		SPLIT	93%	7%	\$324,436	\$24,420	
7999	T&D General Co Activities	ITIM1000	AMI Deployment Rel 0 - Exp	\$14,284		SPLIT	93%	7%	\$13,284	\$1,000	
	Total ⁽³⁾			\$162,153,007	\$143,054,911				\$10,675,892	\$4,329,367	\$4,092,837

Notes:

- (1) Project costs are assigned based upon the benefiting customer group and/or the effort spent for the respective customer groups in 2012.
- (2) Assigned to residential and nonresidential by number of customers in each customer group on the Accounts 907-910 page.
- (3) Transferred to the Accounts 907-910 page.

Commonwealth Edison Company
 AMI Pilot Meter Purchase Costs

	AMI Pilot Meters <u>Installed⁽¹⁾</u>	Meter Purchase <u>Cost⁽¹⁾⁽²⁾</u>	Average Meter <u>Purchase Cost</u>
<u>Residential</u>			
1 Single Family Without Electric Space Heat	63,847		
2 Multi Family Without Electric Space Heat	48,571		
3 Single Family With Electric Space Heat	301		
4 <u>Multi Family With Electric Space Heat</u>	3,866		
Total Residential	116,585		
<u>Nonresidential</u>			
5 Watt-Hour	3,535		
6 Small Load (0 to 100 kW)	3,901		
7 Medium Load (Over 100 to 400 kW)	524		
8 Large Load (Over 400 to 1000 kW)	154		
9 Very Large Load (Over 1,000 to 10,000 kW)	73		
10 Extra Large Load (Over 10,000 kW)	-		
11a. High Voltage (Up to 10,000 kW)	-		
11b. High Voltage (Over 10,000 kW)	-		
12 Fixture-Included Lighting	-		
13 Street Lighting - Dusk to Dawn	72		
14 Street Lighting - All Other Lighting	4		
15 <u>Railroad</u>	-		
Total Nonresidential	8,263		
Total	124,848		

Notes:

- (1) Count of AMI Meters Installed from the Customer Information and Management System ("CIMS")
- (2) Used in ComEd Ex. 3.04, Schedule 2b, Line 100, Pages 3 and 4 of 4.