

PUBLIC

ICC Docket No. 11-_____
ComEd Ex. 10.3
Tab: WN CPsNCPs

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

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%

	8/12/2010		Annual		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⁾	7,529,806	36.7%	7,693,864	35.3%	7,895,370	36.4%	8,226,540	35.2%
Multi Family Without Electric Space Heat ⁽⁵⁾	1,500,362	7.3%	1,610,220	7.4%	1,573,203	7.3%	1,721,702	7.4%
Single Family With Electric Space Heat ⁽⁵⁾	117,252	0.6%	268,580	1.2%	122,944	0.6%	287,175	1.2%
Multi Family With Electric Space Heat ⁽⁵⁾	198,120	1.0%	616,715	2.8%	207,739	1.0%	659,413	2.8%
Total Residential	9,345,540	45.5%	10,189,379	46.8%	9,799,256	45.2%	10,894,830	46.6%
Watt-Hour ⁽⁶⁾	132,562	0.6%	149,621	0.7%	141,862	0.7%	162,490	0.7%
Small Load (0 to 100 kW) ⁽⁶⁾	2,588,496	12.6%	2,757,210	12.7%	2,770,093	12.8%	2,994,367	12.8%
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	2,097,421	10.2%	2,356,985	10.8%	2,244,566	10.3%	2,559,717	10.9%
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	1,893,639	9.2%	1,989,067	9.1%	2,026,488	9.3%	2,160,153	9.2%
Very Large Load (Over 1,000 to 10,000 kW) ⁽⁶⁾	3,110,479	15.1%	3,291,934	15.1%	3,328,696	15.3%	3,575,085	15.3%
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	652,316	3.2%	686,379	3.2%	652,316	3.0%	686,379	2.9%
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	28,467	0.1%	8,308	0.0%	28,467	0.1%	8,308	0.0%
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	585,574	2.9%	14,008	0.1%	585,574	2.7%	14,008	0.1%
Fixture-Included Lighting ⁽⁷⁾	607	0.0%	42,773	0.2%	607	0.0%	42,773	0.2%
Dusk to Dawn Lighting ⁽⁷⁾	2,091	0.0%	147,255	0.7%	2,091	0.0%	147,255	0.6%
General Lighting ⁽⁷⁾	8,317	0.0%	8,317	0.0%	8,317	0.0%	8,317	0.0%
Railroad ⁽⁷⁾⁽⁹⁾	99,507	0.5%	139,825	0.6%	99,507	0.5%	139,825	0.6%
Nonresidential	11,199,476	54.5%	11,591,682	53.2%	11,888,584	54.8%	12,498,677	53.4%
Total	20,545,016	100.0%	21,781,061	100.0%	21,687,840	100.0%	23,393,507	100.0%

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	8/12/2010		Annual		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)	
Secondary Voltage Service Points Only								
Small Load (0 to 100 kW) ⁽⁶⁾	2,586,520		2,755,323		2,767,978		2,992,318	
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	2,076,912		2,336,003		2,222,618		2,536,930	
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	1,841,265		1,929,048		1,970,440		2,094,972	
Very Large Load (Over 1,000 to 10,000 kW)	2,429,204		2,541,230		2,599,626		2,759,810	
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	306,806		315,011		306,806		315,011	
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	747		1,010		747		1,010	
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	2,903		3,162		2,903		3,162	
Primary Voltage Service Points with ComEd Transformers								
Small Load (0 to 100 kW) ⁽⁶⁾	548		1,028		586		1,116	
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	12,948		16,362		13,856		17,769	
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	28,196		35,083		30,174		38,101	
Very Large Load (Over 1,000 to 10,000 kW)	414,362		462,615		443,432		502,406	
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	226,375		247,095		226,375		247,095	
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	402		583		402		583	
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	4,500		4,511		4,500		4,511	
Primary Voltage Service Points No ComEd Transformer								
Small Load (0 to 100 kW) ⁽⁶⁾	1,428		4,129		1,528		4,484	
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	7,561		9,672		8,091		10,504	
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	24,178		26,497		25,874		28,776	
Very Large Load (Over 1,000 to 10,000 kW)	266,913		300,956		285,638		326,842	
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	119,135		141,746		119,135		141,746	
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	3,795		7,046		3,795		7,046	
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	5,298		6,855		5,298		6,855	

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

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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 August 12, 2010 for the hour between 4 pm and 5 pm, ComEd's system peak for that hour during 2010.
- (4) The loads under column (b) are the highest individual customer class hourly loads in 2010 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.

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	8,226,540	2.3%	97.7%	8,037,330
2 Multi Family Without Electric Space Heat	1,721,702	18.1%	81.9%	1,410,074
3 Single Family With Electric Space Heat	287,175	18.7%	81.3%	233,473
4 <u>Multi Family With Electric Space Heat</u>	<u>659,413</u>	18.1%	81.9%	<u>540,059</u>
Total Residential	10,894,830			10,220,936
<u>Nonresidential</u>				
5 Watt-Hour	162,490	6.5%	93.5%	151,928
6 Small Load (0 to 100 kW)	2,994,367	13.9%	86.1%	2,578,150
7 Medium Load (Over 100 to 400 kW)	2,559,717	83.6%	16.4%	419,794
8 Large Load (Over 400 to 1000 kW)	2,160,153	100.0%	0.0%	-
9 Very Large Load (Over 1,000 to 10,000 kW)	3,575,085	100.0%	0.0%	-
10 Extra Large Load (Over 10,000 kW)	686,379	100.0%	0.0%	-
11a. High Voltage Up to 10 MW	8,308	100.0%	0.0%	-
11b. High Voltage Over 10 MW	14,008	100.0%	0.0%	-
12 Fixture-Included Lighting	42,773	1.4%	98.6%	42,174
13 Dusk to Dawn Lighting	147,255	1.4%	98.6%	145,193
14 General Lighting	8,317	1.4%	98.6%	8,201
15 <u>Railroad</u>	<u>139,825</u>	100.0%	0.0%	<u>-</u>
Total Nonresidential	12,498,677			3,345,440
Total	23,393,507			13,566,376

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. 10.1, Schedule 2b, Line 31, Pages 1 and 2 of 4.

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Commonwealth Edison Company
The Determination of Allocation Factor for Service Cost

	ALPCC ⁽⁵⁾ 0.0941 (C)		ALPCC ⁽⁵⁾ 0.1016 (G)		Annualized 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)
	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)			
Residential									
1 Single Family Without Electric Space Heat	2,232,784	\$1,324.89	\$124.67	2,232,784	\$0.92	\$0.09	\$124.76	1.000	2,232,784
2 Multi Family Without Electric Space Heat	1,024,195	\$300.40	\$28.27	1,024,195	\$0.92	\$0.09	\$28.36	0.227	232,492
3 Single Family With Electric Space Heat	34,937	\$1,324.89	\$124.67	34,937	\$0.92	\$0.09	\$124.76	1.000	34,937
4 Multi Family With Electric Space Heat	155,272	\$300.40	\$28.27	155,272	\$0.92	\$0.09	\$28.36	0.227	35,247
Nonresidential									
5 Watt-Hour	96,609	\$441.11	\$41.51	96,609	\$1.79	\$0.18	\$41.69	0.334	32,267
6 Small Load (0 to 100 kW)	240,764	\$518.27	\$48.77	240,764	\$89.13	\$9.06	\$57.83	0.464	111,714
7 Medium Load (Over 100 to 400 kW)	17,199	\$676.00	\$63.61	17,199	\$518.15	\$52.64	\$116.25	0.932	16,029
8 Large Load (Over 400 to 1000 kW)	4,140	\$971.65	\$91.43	4,140	\$841.29	\$85.48	\$176.91	1.418	5,871
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857	\$2,916.48	\$274.44	1,857	\$2,017.20	\$204.95	\$479.39	3.842	7,135
10 Extra Large Load (Over 10,000 kW)	98	\$1,734.98	\$163.26	98	\$13,611.38	\$1,382.92	\$1,546.18	12.393	1,215
11a. High Voltage (Up to 10,000 kW)	44	\$1,734.98	\$163.26	44	\$38,791.10	\$3,941.18	\$4,104.44	32.899	1,448
11b. High Voltage (Over 10,000 kW)	31	\$1,734.98	\$163.26	31	\$38,791.10	\$3,941.18	\$4,104.44	32.899	1,020
12 Fixture-Included Lighting ⁽¹⁾	176,082	\$151.98	\$14.30	-	\$0.00	\$0.00	\$14.30	0.115	20,249
13 Dusk to Dawn Lighting	146,853	\$151.98	\$14.30	2,835	\$6.87	\$0.70	\$14.31	0.115	16,888
14 General Lighting	7,948	\$151.98	\$14.30	412	\$13.48	\$1.37	\$14.37	0.115	914
15 Railroad ⁽²⁾	5	\$1,734.98	\$163.26	5	\$10,554.33	\$1,072.32	\$1,235.58	9.904	50
Total	4,138,818			3,811,182					2,750,259

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) 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 number of meters, number of bills, and information provided by the City of Chicago. Used in ALJ Post Record 4_Attach 2, 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. 10.1, Schedule 2b, Line 35, Pages 1 of 4 and 2 of 4.

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>						
1 Single Family Without Electric Space Heat	2,232,784	REACTED	0.1016	REACTED	1.000	2,232,784
2 Multi Family Without Electric Space Heat	1,024,195		0.1016		1.000	1,024,195
3 Single Family With Electric Space Heat	34,937		0.1016		1.000	34,937
4 Multi Family With Electric Space Heat	155,272		0.1016		1.000	155,272
<u>Nonresidential</u>						
5 Watt-Hour	96,609		0.1016		0.853	82,407
6 Small Load (0 to 100 kW)	240,764		0.1338		2.494	600,465
7 Medium Load (Over 100 to 400 kW)	17,199		0.1338		3.744	64,393
8 Large Load (Over 400 to 1000 kW)	4,140		0.1338		4.375	18,113
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857		0.1338		4.378	8,130
10 Extra Large Load (Over 10,000 kW)	98		0.1338		13.398	1,313
11a. High Voltage (Up to 10,000 kW)	44		0.1338		21.402	942
11b. High Voltage (Over 10,000 kW)	31		0.1338		21.402	663
12 Fixture-Included Lighting ⁽¹⁾	n.a.		n.a.		n.a.	n.a.
13 Dusk to Dawn Lighting	2,835		0.1338		2.198	6,231
14 General Lighting	412		0.1338		1.941	800
15 Railroad ⁽²⁾	5		0.1338		51.137	256
Total	3,811,182					4,230,901

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) 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. 10.1, 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 include 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) ALPCC based on a 16 year and a 30 year useful life are 0.1337 and 0.1014, respectively.
- (6) Used in ComEd Ex. 10.1, Schedule 2b, Line 40, Pages 1 and 2 of 4.

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ICC Docket No. 11-_____
ComEd Ex. 10.3
Tab: Meter Reading 902

Commonwealth Edison Company
The Determination of Allocation Factor for Meter Reading

	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)	
<u>Residential</u>				
1 Single Family Without Electric Space Heat	2,232,784	\$14.76	1.000	2,232,784
2 Multi Family Without Electric Space Heat	1,024,195	\$14.76	1.000	1,024,195
3 Single Family With Electric Space Heat	34,937	\$14.76	1.000	34,937
4 Multi Family With Electric Space Heat	155,272	\$14.76	1.000	155,272
<u>Nonresidential</u>				
5 Watt-Hour	96,609	\$11.92	0.808	78,060
6 Small Load (0 to 100 kW)	240,764	\$21.27	1.441	346,941
7 Medium Load (Over 100 to 400 kW)	17,199	\$81.09	5.494	94,491
8 Large Load (Over 400 to 1000 kW)	4,140	\$87.09	5.900	24,426
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857	\$86.75	5.877	10,914
10 Extra Large Load (Over 10,000 kW)	98	\$216.10	14.641	1,435
11a. High Voltage (Up to 10,000 kW)	44	\$102.58	6.950	306
11b. High Voltage (Over 10,000 kW)	31	\$102.58	6.950	215
12 Fixture-Included Lighting ⁽¹⁾	n.a.	n.a.	n.a.	n.a.
13 Street Lighting - Dusk to Dawn	2,835	\$60.08	4.070	11,538
14 Street Lighting - All Other Lighting	412	\$30.25	2.049	844
15 Railroad ⁽²⁾	5	\$311.88	21.130	106
Total	3,811,182			4,016,464

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 per customer meter reading cost is based on a ComEd metering facilities study.
- (4) Used in ComEd Ex. 10.1, Schedule 2b, Line 54, Pages 1 and 2 of 4.

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				37%			
1 Single Family Without Electric Space Heat	2,232,784	\$0.55	\$1,228,031	\$1,731,892	\$0.78	1.000	2,232,784
2 Multi Family Without Electric Space Heat	1,024,195	\$0.55	\$563,307	\$794,432	\$0.78	1.000	1,024,195
3 Single Family With Electric Space Heat	34,937	\$0.55	\$19,215	\$27,099	\$0.78	1.000	34,937
4 Multi Family With Electric Space Heat	<u>155,272</u>	<u>\$0.55</u>	<u>\$85,400</u>	<u>\$120,439</u>	<u>\$0.78</u>	<u>1.000</u>	<u>155,272</u>
Total Residential	3,447,188		\$1,895,953	\$2,673,862			3,447,188
Nonresidential				63%			
5 Watt-Hour	96,609	\$1.32	\$127,524	\$106,246	\$1.10	1.410	136,219
6 Small Load (0 to 100 kW)	240,764	\$18.87	\$4,543,217	\$3,785,167	\$15.72	20.154	4,852,358
7 Medium Load (Over 100 to 400 kW)	17,199	\$32.14	\$552,776	\$460,544	\$26.78	34.333	590,493
8 Large Load (Over 400 to 1000 kW)	4,140	\$31.40	\$129,996	\$108,306	\$26.16	33.538	138,847
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857	\$31.38	\$58,273	\$48,550	\$26.14	33.513	62,234
10 Extra Large Load (Over 10,000 kW)	98	\$55.24	\$5,414	\$4,511	\$46.03	59.013	5,783
11a. High Voltage (Up to 10,000 kW)	44	\$23.38	\$1,029	\$857	\$19.48	24.974	1,099
11b. High Voltage (Over 10,000 kW)	31	\$23.38	\$725	\$604	\$19.48	24.974	774
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	2,835	\$14.40	\$40,824	\$34,012	\$12.00	15.385	43,616
14 Street Lighting - All Other Lighting	412	\$10.86	\$4,474	\$3,727	\$9.05	11.603	4,780
15 Railroad ⁽²⁾	<u>5</u>	<u>\$64.72</u>	<u>\$324</u>	<u>\$270</u>	<u>\$54.00</u>	<u>69.231</u>	<u>346</u>
Total Nonresidential	363,994		\$5,464,576	\$4,552,794			5,836,550
Total	3,811,182		\$7,360,529	\$7,226,656			9,283,738

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 maintenances and testing per customer meter reading cost 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	\$7,569,490	\$6,942,076
<u>Account 597</u>	<u>\$300,764</u>	<u>\$284,580</u>
Total	\$7,870,254	\$7,226,656

- (5) Allocated 37% of Metering Services O&M to residential. Based on completed O&M jobs in Field and Metering Services during 2010, 37% metering services related costs are for residential. Please see page 7 (FMS cost allocation) of this exhibit.
- (6) Used in ComEd Ex. 10.1, Schedule 2b, Line 59, Pages 3 and 4 of 4.

2010 ComEd Field and Meter Service Completed Jobs

	Total Actual⁽¹⁾	Residential⁽¹⁾⁽⁴⁾	Nonresidential⁽¹⁾⁽⁴⁾
Aux Mtc	1,861		1,861
CIM	5,367	2,398	2,969
CIM MG	60	27	33
Com-Dec	5,323		5,323
Com-Dec Switch	340		340
Connect	54,421	24,316	30,105
Connect EI	6,470	2,891	3,579
Cut In ⁽²⁾	64,433	28,789	35,644
Cut In E ⁽²⁾	2,789	1,246	1,543
Cut Out Commercial ⁽²⁾⁽³⁾	5,879		5,879
Cut Out Residential ⁽²⁾⁽³⁾	145,249	145,249	
Exchange	22,673	10,130	12,543
High Bill	2,125	949	1,176
Meter Investigation	23,975	10,712	13,263
Mixed Meter	2,497	1,116	1,381
MR IC	12,317	5,503	6,814
NB CT	3,145	1,405	1,740
New Bus	21,374	9,550	11,824
New Business CMO	6,529	2,917	3,612
Periodic Exchange	40,784		40,784
Periodic Test	1		1
Random	3,863	3,863	
Rate Check	775	346	429
Remove	2,141	957	1,184
Repair	4,962	2,217	2,745
RRTP	2,500	2,500	-
Stuck Meter	2,695	1,204	1,491
Theft	6,706	2,996	3,710
Total	451,254	261,283	189,971

Metering Services Related (excluding Cut-Ins and Cut-Outs)	232,904	85,999	146,905
Percentages		37%	63%

Notes:

- (1) Source: System Wide Completions YTD (Full Year)
- (2) Not related to Metering Services.
- (3) Category names have changed based on the tracking by the business unit.
- (4) Work that could not be clearly defined as residential or nonresidential, was allocated based on the percentage of Energy Technicians versus Senior Energy Technicians as of Pay Period 26 in 2010. The percentage is as follows:

SET - Nonresidential	78	55.32%
ET - Residential	63	44.68%
Total	141	

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ComEd Ex. 10.3

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 2010	LCS Cost Allocation % ⁽³⁾	LCS Cost	LCS Cost per Account	Billing Cost ⁽⁴⁾	Billing Cost Per Account
	(A)	(C)	(E) = (C)*(D)	(F) = (E) / (A)	(I)	(J) = (I) / (A)
<u>Residential</u>						
1 Single Family Without Electric Space Heat	2,232,784	0.0%	\$0	\$0.00	\$2,271,358	\$1.02
2 Multi Family Without Electric Space Heat	1,024,195	0.0%	\$0	\$0.00	\$1,349,166	\$1.32
3 Single Family With Electric Space Heat	34,937	0.0%	\$0	\$0.00	\$68,434	\$1.96
4 <u>Multi Family With Electric Space Heat</u>	<u>155,272</u>	<u>0.0%</u>	<u>\$0</u>	<u>\$0.00</u>	<u>\$136,523</u>	<u>\$0.88</u>
Total Residential	3,447,188	0.0%	\$0	\$0.00	\$3,825,481	\$1.11
<u>Nonresidential</u>						
5 Watt-Hour	96,609	1.0%	\$82,045	\$0.85	\$534,301	\$5.53
6 Small Load (0 to 100 kW)	240,764	2.0%	\$164,089	\$0.68	\$1,205,476	\$5.01
7 Medium Load (Over 100 to 400 kW)	17,199	2.5%	\$205,112	\$11.93	\$155,051	\$9.02
8 Large Load (Over 400 to 1000 kW)	4,140	15.0%	\$1,230,671	\$297.26	\$41,096	\$9.93
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857	74.0%	\$6,071,309	\$3,269.42	\$45,619	\$24.57
10 Extra Large Load (Over 10,000 kW)	49	3.5%	\$287,157	\$5,860.35	\$4,622	\$94.33
11a. High Voltage (Up to 10,000 kW)	44	0.9%	\$73,840	\$1,678.18	\$20,002	\$454.59
11b. High Voltage (Over 10,000 kW)	31	0.6%	\$49,227	\$1,587.97	\$14,033	\$452.68
12 Fixture-Included Lighting ⁽¹⁾	1,592	0.0%	\$0	\$0.00	\$9,506	\$5.97
13 Street Lighting - Dusk to Dawn	3,741	0.0%	\$0	\$0.00	\$9,169	\$2.45
14 Street Lighting - All Other Lighting	900	0.0%	\$0	\$0.00	\$3,700	\$4.11
15 <u>Railroad ⁽²⁾</u>	<u>2</u>	<u>0.5%</u>	<u>\$41,022</u>	<u>\$20,511.00</u>	<u>\$6,338</u>	<u>\$3,169.00</u>
Total Nonresidential	366,928	100.0%	\$8,204,472	\$22.36	\$2,048,913	\$5.58
Total	3,814,116 (B)	100.0%	\$8,204,472	\$2.15	\$5,874,394 (H)	\$1.54

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ComEd Ex. 10.3

Tab: Accounts 901 902 & 903_part 2

Commonwealth Edison Company

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

	Other Customer Costs in Accounts 901, 902 & 903 ⁽⁵⁾	Accounts 901, 902 & 903 Costs (Non SBO, Non Meter, Non SAC, NonCARE)	Accounts 901, 902 & 903 Costs Per Customer (Non SBO, Non Meter, Non SAC, NonCARE)	Per Customer Weights (Non SBO, Non Meter, Non SAC, NonCARE) ⁽⁶⁾ (weighting ratio)	Weighted Customers for Customer Accounts (Non SBO, Non Meter, Non SAC, NonCARE) (attribute)
	(O) = ((A) / (B)) * (N)	(P)=(E) +(I) +(O)	(Q) = (P) / (A)	(R)	(S) = (R) * (A)
<u>Residential</u>					
1 Single Family Without Electric Space Heat	\$51,990,429	\$54,261,787	\$24.30	1.000	2,232,784
2 Multi Family Without Electric Space Heat	\$23,848,405	\$25,197,571	\$24.60	1.012	1,036,485
3 Single Family With Electric Space Heat	\$813,509	\$881,943	\$25.24	1.039	36,300
4 Multi Family With Electric Space Heat	\$3,615,512	\$3,752,035	\$24.16	0.994	154,340
Total Residential	\$80,267,855	\$84,093,336	\$24.39	1.004	3,459,909
<u>Nonresidential</u>					
5 Watt-Hour	\$2,249,543	\$2,865,889	\$29.66	1.221	117,960
6 Small Load (0 to 100 kW)	\$5,606,196	\$6,975,761	\$28.97	1.192	286,991
7 Medium Load (Over 100 to 400 kW)	\$400,479	\$760,642	\$44.23	1.820	31,302
8 Large Load (Over 400 to 1000 kW)	\$96,400	\$1,368,167	\$330.48	13.600	56,304
9 Very Large Load (Over 1,000 to 10,000 kW)	\$43,240	\$6,160,168	\$3,317.27	136.513	253,505
10 Extra Large Load (Over 10,000 kW)	\$1,141	\$292,920	\$5,977.96	246.007	12,054
11a. High Voltage (Up to 10,000 kW)	\$1,025	\$94,867	\$2,156.07	88.727	3,904
11b. High Voltage (Over 10,000 kW)	\$722	\$63,982	\$2,063.94	84.936	2,633
12 Fixture-Included Lighting ⁽¹⁾	\$37,070	\$46,576	\$29.26	1.204	1,917
13 Street Lighting - Dusk to Dawn	\$87,109	\$96,278	\$25.74	1.059	3,962
14 Street Lighting - All Other Lighting	\$20,957	\$24,657	\$27.40	1.128	1,015
15 Railroad ⁽²⁾	\$47	\$47,407	\$23,703.50	975.453	1,951
Total Nonresidential	\$8,543,929	\$18,797,314	\$51.23	2.108	773,497
Total	\$88,811,784	\$102,890,650	\$26.98	1.110	4,233,406

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, formerly Large Customer Services) cost in Account 903 in 2010 was: \$8,204,472 (D)
- (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, and (e) Supply Administration Charge related:

	Total	Metering Services
Account 901	\$727,783	\$0
Account 902	\$30,543,407	\$30,332,340
<u>Account 903</u>	<u>\$131,635,399</u>	<u>\$9,144,297</u>
Total	\$162,906,589 (K)	\$39,476,637 (L)

Bill Issue and Processing, Cash and Collection	\$19,873,303
<u>Excluded Costs</u>	<u>\$666,000</u>
Total	\$20,539,303 (M)

Other Customer Costs in Accounts 901, 902 & 903 \$88,811,783 (N) = (K) - (L) - (M) - (D) - (H)

- (6) Used in ComEd Ex. 10.1, Schedule 2b, Line 79, Pages 3 and 4 of 4.

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

	Average Number of Customers in 2010 ⁽³⁾	Total (Average) Number of Monthly Review Bills in 2010 ⁽⁴⁾	Billing Costs Related to Review Bills ⁽⁵⁾	Total Number of Billing Adjustments in 2010 ⁽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	2,232,784	196	\$88,725	51,767	\$2,182,633	\$2,271,358
2 Multi Family Without Electric Space Heat	1,024,195	11	\$4,979	31,881	\$1,344,187	\$1,349,166
3 Single Family With Electric Space Heat	34,937	30	\$13,580	1,301	\$54,854	\$68,434
4 Multi Family With Electric Space Heat	155,272	-	\$0	3,238	\$136,523	\$136,523
Total Residential	3,447,188	237	\$107,284	88,187	\$3,718,197	\$3,825,481
Nonresidential						
5 Watt-Hour	96,609	10	\$4,527	12,565	\$529,774	\$534,301
6 Small Load (0 to 100 kW)	240,764	140	\$63,375	27,088	\$1,142,101	\$1,205,476
7 Medium Load (Over 100 to 400 kW)	17,199	78	\$35,309	2,840	\$119,742	\$155,051
8 Large Load (Over 400 to 1000 kW)	4,140	39	\$17,654	556	\$23,442	\$41,096
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857	76	\$34,404	266	\$11,215	\$45,619
10 Extra Large Load (Over 10,000 kW)	49	9	\$4,074	13	\$548	\$4,622
11a. High Voltage (Up to 10,000 kW)	44	44	\$19,918	2	\$84	\$20,002
11b. High Voltage (Over 10,000 kW)	31	31	\$14,033	-	\$0	\$14,033
					-	
12 Fixture-Included Lighting ⁽¹⁾	1,592	2	\$905	204	\$8,601	\$9,506
13 Street Lighting - Dusk to Dawn	3,741	2	\$905	196	\$8,264	\$9,169
14 Street Lighting - All Other Lighting	900	1	\$453	77	\$3,247	\$3,700
15 Railroad ⁽²⁾	2	14	\$6,338	-	\$0	\$6,338
Total Nonresidential	366,928	446	\$201,895	43,807	\$1,847,018	\$2,048,913
Total	3,814,116	683 (I)	\$309,179	131,994 (L)	\$5,565,215	\$5,874,394

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. The two railroad customers have a total of 14 accounts and all are review bill accounts.
- (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 not related to Bill Issuing and Processing, in 2010 from ComEd's general ledger	\$5,874,395 (C)
Number of billing clerks, from ComEd's system Billing	57 (D)
Average cost per billing clerk	\$103,060 (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	\$309,180 (G) = (E) * (F)
Billing costs for billing activities other than Review Bills	\$5,565,215 (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 2010 and the remainder of the billing costs are allocated to delivery classes based on the total number of bill adjustments by delivery class in 2010.

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

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ComEd Ex. 10.3
Tab: Account 587

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

	Average Number of Accounts in 2010 ⁽³⁾	Customer Installations Costs in 2010 ⁽⁵⁾	Per Customer Installations Costs in 2010	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	2,232,784	\$8,867,245	\$3.97 (F)	1.000	2,232,784
2 Multi Family Without Electric Space Heat	1,024,195	\$4,067,473	\$3.97	1.000	1,024,195
3 Single Family With Electric Space Heat	34,937	\$138,748	\$3.97	1.000	34,937
4 <u>Multi Family With Electric Space Heat</u>	<u>155,272</u>	<u>\$616,645</u>	<u>\$3.97</u>	1.000	<u>155,272</u>
Total Residential	3,447,188	\$13,690,111	\$3.97		3,447,188
Nonresidential					
5 Watt-Hour	96,609	\$785,272	\$8.13	2.048	197,855
6 Small Load (0 to 100 kW)	240,764	\$1,957,013	\$8.13	2.048	493,085
7 Medium Load (Over 100 to 400 kW)	17,199	\$139,799	\$8.13	2.048	35,224
8 Large Load (Over 400 to 1000 kW)	4,140	\$33,651	\$8.13	2.048	8,479
9 Very Large Load (Over 1,000 to 10,000 kW)	1,857	\$15,094	\$8.13	2.048	3,803
10 Extra Large Load (Over 10,000 kW)	49	\$398	\$8.13	2.048	100
11a. High Voltage (Up to 10,000 kW)	44	\$358	\$8.13	2.048	90
11b. High Voltage (Over 10,000 kW)	31	\$252	\$8.13	2.048	63
12 Fixture-Included Lighting ⁽¹⁾	1,592	\$12,940	\$8.13	2.048	3,260
13 Street Lighting - Dusk to Dawn	3,741	\$30,408	\$8.13	2.048	7,662
14 Street Lighting - All Other Lighting	900	\$7,316	\$8.13	2.048	1,843
15 Railroad ⁽²⁾	2	\$16	\$8.13	2.048	4
Total Nonresidential	366,928	\$2,982,518	\$8.13		751,469
Total	3,814,116	\$16,672,629	\$4.37	1.101	4,198,657

Customer Installations costs recorded in Accounts 587:

Account	Amount in 2010 ⁽⁴⁾	Customer Installations Expenses			
		Metering Services	Customer Installations	Residential ⁽⁴⁾	Nonresidential ⁽⁴⁾
587	\$17,620,274	\$947,646	\$16,672,629	\$13,690,111 (C)	\$2,982,518 (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 for traction power.
- (3) From CIMS, ComEd's billing system.
- (4) Determined from detailed 2010 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. 10.1, 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 2010

Proj - ID	Proj - Descr	2010 Amount	Metering Services	Customer Installations Expenses	
				Residential	Nonresidential
~NA~ ⁽¹⁾	NOT APPLICABLE	(\$117,853)		(\$106,516)	(\$11,337)
08NBD050	Ohare Heating and Cooling	\$2,049			\$2,049
08NBD164	210 N Wells Temp Service	\$36,506			\$36,506
08NBD165	220-228 W Illinois TempService	\$2,736			\$2,736
09CMD029	Woodfield Mall Vault Roof Rplc	\$12,681			\$12,681
09NBD064	West Pullman Level 4 Intrenctn	\$22			\$22
09NBD115	Elmhust Hosp CGen Study ID O&M	\$303			\$303
09NBD164	Biogas Energy Landfill study	\$12,324			\$12,324
09NBD181	Highland Park WaterPlant Study	\$12,623			\$12,623
10GED002	Prairie View Landfill CoGen	\$29,615			\$29,615
10GED003	NIH-Morris	\$1,528			\$1,528
10GED004	NIH-Joliet	\$1,719			\$1,719
10GED006	Dixon site new gen study	\$19,329			\$19,329
10GED010	Stewardship Wind - studies	\$8,005			\$8,005
ARP587 ⁽²⁾	INVEST DIST CUST COMPLAINTS	\$12,089,812	\$135	\$10,639,034	\$1,450,643
CSFM09	Investigate Unmetered Current	\$946,903	\$946,903		
CSREVLEAK ⁽³⁾	To Track Revenue Leakage Costs	\$3,123,749		\$2,405,286	\$718,463
CSRR22 ⁽³⁾	Investigate Unmetered Current	\$241,188		\$185,715	\$55,473
ECCRELAF	Cust Relo Req Chgo Com OH	\$13,810			\$13,810
ECCRELUF	Cust Relo Req Chgo Com UG	\$1,723			\$1,723
ECCREVUS	Rev Com UG Service Inside Chgo	\$24,332	\$108		\$24,224
ECCTEMPS	Temp Commercial Service Chgo	\$249,855	\$499		\$249,356
ECMJOBWK ⁽¹⁾	New Bus Make Safe Chicago	\$8,374		\$7,569	\$805
ECRRELAF	Cust Relo Req Chgo Res OH	\$22,667		\$22,667	
ECRRELUF	Cust Relo Req Chgo Res UG	\$766		\$766	
ECRREVAS	Rev Res OH Service Inside Chgo	\$30,795		\$30,795	
ECRREVUS	Rev Res UG Service Inside Chgo	\$1,979		\$1,979	
ECRTEMPS	Temp Residential Service-Chgo	\$3,761		\$3,761	
EOCTEMPS	Temp Com Service Outside Chgo	\$337,483			\$337,483
EOMJOBWK ⁽¹⁾	New Bus Make Safe Outside Chgo	\$25,318		\$22,882	\$2,436
EORRELAF	Relo Req Outside Chgo Res OH	\$42,895		\$42,895	
EORRELUF	Relo Req Outside Chgo Res UG	\$6,972		\$6,972	
EORREVAS	Rev Res OHService Outside Chgo	\$258,558		\$258,558	
EORREVUS	Rev Res UGService Outside Chgo	\$165,970		\$165,970	
EORTEMPS	Temp Res Service Outside Chgo	\$1,774		\$1,774	
REIMBOPW ⁽¹⁾	Reimburse Ops West	\$3		\$3	\$0
Total ⁽⁴⁾		\$17,620,274	\$947,646	\$13,690,111	\$2,982,518

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 2010.
- (2) The costs of investigating distribution customer complaints were assigned about 88%/12% to residential and nonresidential customers based on the number of non-storm related outages of residential and nonresidential customers being retored in 2010.
- (3) The costs of investigating unmetered current and track revenue leakage costs were assigned about 77%/23% to residential and nonresidential customers based on the number of field investigations completed for residential and nonresidential customers 2010.
- (4) Transferred to the Account 587 page.

Commonwealth Edison Company
The Determination of Allocation Factor for Customer Information

	2010 Test Year kWh Delivered - from <u>Billing Determinant</u>	Average Number of Accounts in <u>2010⁽³⁾</u>	Customer Information Costs in <u>2010⁽⁶⁾</u>	<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	21,108,024,874		\$5,053,475	47.581%
2 Multi Family Without Electric Space Heat	4,448,273,578		\$1,064,962	10.027%
3 Single Family With Electric Space Heat	770,734,210		\$184,522	1.737%
4 Multi Family With Electric Space Heat	<u>1,579,405,715</u>		<u>\$378,126</u>	<u>3.560%</u>
Total Residential	27,906,438,377 (B)	3,447,188	\$6,681,085	62.905%
<u>Nonresidential</u>				
			(H) = (F) * (C) / (D)	
5 Watt-Hour		96,609	\$1,037,304	9.767%
6 Small Load (0 to 100 kW)		240,764	\$2,585,115	24.340%
7 Medium Load (Over 100 to 400 kW)		17,199	\$184,668	1.739%
8 Large Load (Over 400 to 1000 kW)		4,140	\$44,452	0.419%
9 Very Large Load (Over 1,000 to 10,000 kW)		1,857	\$19,939	0.188%
10 Extra Large Load (Over 10,000 kW)		49	\$526	0.005%
11a. High Voltage (Up to 10,000 kW)		44	\$472	0.004%
11b. High Voltage (Over 10,000 kW)		31	\$333	0.003%
12 Fixture-Included Lighting		1,592	\$17,094	0.161%
13 Street Lighting - Dusk to Dawn		3,741	\$40,168	0.378%
14 Street Lighting - All Other Lighting		900	\$9,663	0.091%
15 Railroad ⁽¹⁾		2	\$21	0.000%
Total Nonresidential		366,928	\$3,939,755	37.095%
Total		3,814,116 (D)	\$10,620,840 (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 2010⁽³⁾</u>	<u>Excluded Costs⁽⁴⁾</u>	Amount in 2010 Included in the DST Revenue <u>Requirements</u>	<u>Residential⁽⁵⁾</u>	<u>Nonresidential⁽⁵⁾</u>
907	\$0	\$0	\$0	\$0	\$0
908	\$101,192,478	\$93,633,626	\$7,558,852	\$3,913,668	\$3,645,184
909	\$4,726,121	\$1,664,134	\$3,061,987	\$2,767,416	\$294,571
<u>910</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total	\$105,918,599	\$95,297,760	\$10,620,839	\$6,681,084 (E)	\$3,939,755 (F)

Notes:

- (1) The customers in the Railroad class use electricity for traction power.
- (2) From CIMS, ComEd's billing system.
- (3) ComEd FERC Form No. 1 for 2010, page 323.
- (4) For Account 908, see the Account 908_by Project page and for Account 909, see page 1 of WPC-8 attached to ComEd Exhibit X.X.
- (5) Account 908 information is transferred from the costs allocated to residential and nonresidential customers shown on the Account 908_by Project page plus the assignment of the \$221,511 to residential and nonresidential customers based on the number of residential and nonresidential customers in 2010. The \$3,061,987 recorded in Account 909 - Informational and Instructional Expense, was assigned to residential and nonresidential based on the number of residential and nonresidential customers
- (6) Determined from allocating residential only costs in (E) to residential delivery classes, nonresidential only costs in (F) to nonresidential delivery classes.
- (7) Used in ComEd Ex. 10.1, 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 2010

Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Total	Excluded Costs (AMI, EDA, CARE, Ind Membership)	Residential	Nonresidential	Residential and Nonresidential
486	Energy Efficiency Services	102706	Trade Alley	\$1,047				\$1,047
7999	T&D General Co Activities	102706	Trade Alley	\$66				\$66
7999	T&D General Co Activities	~NA~	NOT APPLICABLE	(\$105,400)				(\$105,400)
189	Communications- ComEd	AMICSCMA	AMI Customer Communication Pro	\$2,025	\$2,025			
1498	Automatd Meter Infrastructure	AMICSCMA	AMI Customer Communication Pro	\$500,301	\$500,301			
483	Non Tariff Marketing	AMICSTAPA	AMI Cust App pgrm	\$857	\$857			
1498	Automatd Meter Infrastructure	AMICSTAPA	AMI Cust App pgrm	\$823,943	\$823,943			
7999	T&D General Co Activities	AMICSTAPA	AMI Cust App pgrm	\$190	\$190			
8522	Regulatory Department	AMIWRKSH	Workshops Phase 0 of AMI	\$1,419	\$1,419			
500	Demand Response & Dynamic Pric	AMPOVER	AMP Over / Undercollections	\$4,555	\$4,555			
1498	Automatd Meter Infrastructure	AMPOVER	AMP Over / Undercollections	\$7,961,996	\$7,961,996			
8579	ComEd Cust Assistance Program	CARECALL	CARE Call ctr exp	\$27		\$27		
7999	T&D General Co Activities	CARECOLL	CARE Cust Asst	\$23,707		\$23,707		
8575	ComEd CARE Program	CARECOLL	CARE Cust Asst	\$1,821	\$1,821			
8579	ComEd Cust Assistance Program	CARECOLL	CARE Cust Asst	\$291,221		\$291,221		
483	Non Tariff Marketing	CAREPGRM	CARE Program Costs	\$56		\$56		
486	Energy Efficiency Services	CAREPGRM	CARE Program Costs	\$3,627		\$3,627		
7999	T&D General Co Activities	CAREPGRM	CARE Program Costs	(\$4,105)		(\$4,105)		
8575	ComEd CARE Program	CAREPGRM	CARE Program Costs	(\$28,632)	(\$28,632)			
8579	ComEd Cust Assistance Program	CAREPGRM	CARE Program Costs	\$667		\$667		
200	Office SVP Operations	CHICOLL	City College of Chic Training	\$135,559				\$135,559
486	Energy Efficiency Services	CHIHOURS	Supp Dec21 Chi Settl Agree	\$88,515				\$88,515
7999	T&D General Co Activities	CHIHOURS	Supp Dec21 Chi Settl Agree	\$6,315				\$6,315
484	Marketing Research - ComEd	CR4200	Res Customer Satisfaction	\$236,680		\$236,680		
484	Marketing Research - ComEd	CR4201	Small C&I Cust. Satisfaction	\$186,240			\$186,240	
484	Marketing Research - ComEd	CR4202	Large C&I Cust Satisfaction	\$155,506			\$155,506	
484	Marketing Research - ComEd	CR4205 ⁽³⁾	Res Phone Answer Satisfaction	\$242,500		\$162,475	\$80,025	
1498	Automatd Meter Infrastructure	CSAMICMA	AMI Communications Material	\$2,761	\$2,761			
484	Marketing Research - ComEd	CSRX4207	Res II Rel & Serv Satisfaction	\$21,143		\$21,143		
484	Marketing Research - ComEd	CSRX4208	C&I II Rel & Serv Satisfaction	\$14,095			\$14,095	
484	Marketing Research - ComEd	CSRX4209	American Customer Satis Index	\$64,000		\$64,000		
484	Marketing Research - ComEd	CSRX4210	Municipality & CRM Satisfactio	\$17,500			\$17,500	
484	Marketing Research - ComEd	CSRX4211 ⁽⁴⁾	Service Install & Revise Satis	\$41,189		\$20,594	\$20,595	
1470	Director ESO West Account Mngt	ECINEWS	E newsletter for C & I custome	\$9,519			\$9,519	
499	Energy Efficiency Plan	EDAAMORT	Rider EDA Amortization	(\$3,541)	(\$3,541)			
7999	T&D General Co Activities	EDAAMORT	Rider EDA Amortization	(\$213,528)	(\$213,528)			
8538	Rider EDA	EDAAMORT	Rider EDA Amortization	\$84,876,345	\$84,876,345			
8538	Rider EDA	EENFEXPE	DR - Nature First - Expense	(\$301,886)	(\$301,886)			
486	Energy Efficiency Services	GASCOFUN	Gas Co funding agreement	\$5,595				\$5,595
7999	T&D General Co Activities	GASCOFUN	Gas Co funding agreement	\$1,075				\$1,075
500	Demand Response & Dynamic Pric	INSIGHTS	Energy Insights - NC	\$77,877			\$77,877	
7999	T&D General Co Activities	INSIGHTS	Energy Insights - NC	\$5,778			\$5,778	
483	Non Tariff Marketing	MEPEECO	Env Ed & Outreach	\$1,884				\$1,884
499	Energy Efficiency Plan	MEPEECO	Env Ed & Outreach	\$108				\$108
8579	ComEd Cust Assistance Program	MEPEECO	Env Ed & Outreach	\$1,143				\$1,143
483	Non Tariff Marketing	MEPEP	Enviromental Programs	\$5,295				\$5,295
484	Marketing Research - ComEd	MR4215	Retail Energy Markets	\$31			\$31	

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Commonwealth Edison Company
The Assignment of Costs to Residential and Nonresidential Customers
for Costs Recorded in Account 908, Customer Assistance Expenses, for 2010

Dept - ID	Dept - Descr	Proj - ID	Proj - Descr	Total	Excluded Costs (AMI, EDA, CARE, Ind Membership)	Residential	Nonresidential	Residential and Nonresidential
484	Marketing Research - ComEd	MR4216 ⁽⁴⁾	Perform Marketing Research	\$415,224		\$207,612	\$207,612	
7999	T&D General Co Activities	MR4216 ⁽⁴⁾	Perform Marketing Research	\$31,905		\$15,953	\$15,952	
483	Non Tariff Marketing	MS4011	Manage Curtailment	\$6,401			\$6,401	
486	Energy Efficiency Services	MS4011	Manage Curtailment	\$205			\$205	
500	Demand Response & Dynamic Pric	MS4011	Manage Curtailment	\$962,841			\$962,841	
7999	T&D General Co Activities	MS4011	Manage Curtailment	\$45,423			\$45,423	
500	Demand Response & Dynamic Pric	MS4022	Voluntary Load Reduction	\$40,930			\$40,930	
500	Demand Response & Dynamic Pric	MS4024	Curtailment Communications	\$15,525			\$15,525	
500	Demand Response & Dynamic Pric	MS4036	Nature First	\$1,386,722		\$1,386,722		
486	Energy Efficiency Services	MS4048	Provide Customer Tech Services	\$1,560,122	\$5,000		\$1,555,122	
499	Energy Efficiency Plan	MS4048	Provide Customer Tech Services	\$83			\$83	
7999	T&D General Co Activities	MS4048	Provide Customer Tech Services	\$94,610			\$94,610	
486	Energy Efficiency Services	MS4050	Provide Customer Assist-CPS	\$12,000			\$12,000	
7999	T&D General Co Activities	MS4050	Provide Customer Assist-CPS	\$930			\$930	
484	Marketing Research - ComEd	MS4059 ⁽²⁾	Data Mining/Analysis	\$111,936		\$58,766	\$53,170	
7999	T&D General Co Activities	MS4059 ⁽²⁾	Data Mining/Analysis	\$1,258		\$660	\$598	
483	Non Tariff Marketing	MS4076	Marketing Web Management	(\$759)				(\$759)
483	Non Tariff Marketing	MS4077 ⁽¹⁾	Marketing Strategic Planning	\$387,759		\$348,983	\$38,776	
499	Energy Efficiency Plan	MS4077 ⁽¹⁾	Marketing Strategic Planning	\$1,692		\$1,522	\$170	
500	Demand Response & Dynamic Pric	MS4077 ⁽¹⁾	Marketing Strategic Planning	\$39,468		\$35,521	\$3,947	
7999	T&D General Co Activities	MS4077 ⁽¹⁾	Marketing Strategic Planning	\$21,673		\$19,505	\$2,168	
8579	ComEd Cust Assistance Program	MS4077 ⁽¹⁾	Marketing Strategic Planning	\$2,441		\$2,197	\$244	
486	Energy Efficiency Services	MS4092	Net Billing Programs	\$24,230				\$24,230
486	Energy Efficiency Services	MS4105	Exelon Environmental Strategy	\$52,761				\$52,761
7999	T&D General Co Activities	MS4105	Exelon Environmental Strategy	\$4,077				\$4,077
486	Energy Efficiency Services	OBFINEXP	On line Bill - Exp	\$33,633		\$33,633		
7999	T&D General Co Activities	OBFINEXP	On line Bill - Exp	\$6,271		\$6,271		
402	Legal Ext. Svcs - COMED	PVPILOT1	P V Pilot 2009 - 2010	\$28,959		\$28,959		
412	Capitalized Overheads-CED	PVPILOT1	P V Pilot 2009 - 2010	\$12		\$12		
483	Non Tariff Marketing	PVPILOT1	P V Pilot 2009 - 2010	\$3,775		\$3,775		
486	Energy Efficiency Services	PVPILOT1	P V Pilot 2009 - 2010	\$726,963		\$726,963		
816	Finance - ComEd	PVPILOT1	P V Pilot 2009 - 2010	\$1,590		\$1,590		
883	DSM&EnergyEfficyProgPlng	PVPILOT1	P V Pilot 2009 - 2010	\$700		\$700		
7998	CED Operations Cap OH's	PVPILOT1	P V Pilot 2009 - 2010	\$242		\$242		
7999	T&D General Co Activities	PVPILOT1	P V Pilot 2009 - 2010	\$12,824		\$12,824		
8248	Relay & Protection Eng - ComEd	PVPILOT1	P V Pilot 2009 - 2010	\$965		\$965		
	Total(6)			\$101,192,478	\$93,633,626	\$3,713,467	\$3,623,874	\$221,511

Notes:

- (1) The costs of this project were assigned 90%/10% to residential and nonresidential customers based on the estimated effort spent for the respective customers in 2010.
- (2) The costs of this project were assigned 52.5%/47.5% to residential and nonresidential customers based on the estimated effort spent for the respective customers in 2010.
- (3) The costs of this project were assigned 67%/33% to residential and nonresidential customers based on the estimated effort spent for the respective customers in 2010.
- (4) The costs of this project were assigned 50%/50% to residential and nonresidential customers based on the estimated effort spent for the respective customers in 2010.
- (5) Transferred to the Accounts 907-910_kWh page.

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ICC Docket No. 11-_____

ComEd Ex. 10.3

Tab: AMI Pilot Meters

Commonwealth Edison Company
AMI Pilot Meter Purchase Costs

	AMI Pilot Meters <u>Installed</u> ⁽¹⁾	Meter Purchase <u>Cost</u> ⁽¹⁾⁽²⁾	Average Meter <u>Purchase Cost</u>
<u>Residential</u>			
1 Single Family Without Electric Space Heat	64,341	\$8,601,606	\$134
2 Multi Family Without Electric Space Heat	48,818	\$6,318,806	\$129
3 Single Family With Electric Space Heat	304	\$39,909	\$131
4 <u>Multi Family With Electric Space Heat</u>	<u>4,045</u>	<u>\$516,233</u>	<u>\$128</u>
Total Residential	117,508	\$15,476,553	\$132
<u>Nonresidential</u>			
5 Watt-Hour	3,582	\$478,731	\$134
6 Small Load (0 to 100 kW)	5,727	\$1,167,696	\$204
7 Medium Load (Over 100 to 400 kW)	560	\$132,663	\$237
8 Large Load (Over 400 to 1000 kW)	146	\$34,577	\$237
9 Very Large Load (Over 1,000 to 10,000 kW)	90	\$21,150	\$235
10 Extra Large Load (Over 10,000 kW)	-	\$0	\$0
11a. High Voltage (Up to 10,000 kW)	-	\$0	\$0
11b. High Voltage (Over 10,000 kW)	-	\$0	\$0
12 Fixture-Included Lighting	-	\$0	\$0
13 Street Lighting - Dusk to Dawn	111	\$22,998	\$207
14 Street Lighting - All Other Lighting	8	\$1,266	\$158
15 <u>Railroad</u>	<u>-</u>	<u>\$0</u>	
Total Nonresidential	10,224	\$1,859,082	\$182
Total	127,732	\$17,335,635	\$136

Notes:

(1) AMI Pilot Program data.

(2) Not used in ComEd's ECOSS, ComEd Ex. 10.1, because AMI costs in 2010 were recovered through Rider AMP.