

PUBLIC

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%	10,329,298	45.2%
Nonresidential ⁽²⁾	11,888,584	54.8%	12,498,678	54.8%
Total	21,687,840	100.0%	22,827,976	100.0%

	6/23/2009		Annual		Weather Normal		Weather Normal	
	CP-ALL ⁽³⁾ 4 pm to 5 pm (a)	% of Total	NCP<69 KV ⁽⁴⁾ (b)	% of Total	CP-ALL 4 pm to 5 pm (c)	% of Total	NCP<69 KV (d)	% of Total
Single Family ⁽⁵⁾	6,957,629	36.1%	7,433,084	36.1%	8,014,534	37.0%	8,400,935	36.8%
Multi Family ⁽⁵⁾	1,549,364	8.0%	1,706,201	8.3%	1,784,722	8.2%	1,928,363	8.4%
Total Residential	8,506,993	44.1%	9,139,285	44.4%	9,799,256	45.2%	10,329,298	45.2%
Watt-Hour ⁽⁶⁾	116,017	0.6%	136,427	0.7%	129,885	0.6%	150,297	0.7%
Small Load (0 to 100 kW) ⁽⁶⁾	2,511,220	13.0%	2,784,987	13.5%	2,811,403	13.0%	3,068,129	13.4%
Medium Load (Over 100 to 400 kW) ⁽⁶⁾	1,977,421	10.3%	2,248,734	10.9%	2,213,795	10.2%	2,477,357	10.9%
Large Load (Over 400 to 1000 kW) ⁽⁶⁾	1,717,920	8.9%	1,869,786	9.1%	1,923,274	8.9%	2,059,882	9.0%
Very Large Load (Over 1,000 to 10,000 kW) ⁽⁶⁾	2,231,843	11.6%	2,359,117	11.5%	2,498,630	11.5%	2,598,962	11.4%
Extra Large Load (Over 10,000 kW) ⁽⁷⁾	124,323	0.6%	153,444	0.7%	124,323	0.6%	153,444	0.7%
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾	30,509	0.2%	8,831	0.0%	30,509	0.1%	8,831	0.0%
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾	534,816	2.8%	17,212	0.1%	534,816	2.5%	17,212	0.1%
Primary Voltage (Up to 10,000 kW) ⁽⁶⁾	870,060	4.5%	969,403	4.7%	974,064	4.5%	1,067,960	4.7%
Primary Voltage (Over 10,000 kW) ⁽⁷⁾	538,391	2.8%	559,174	2.7%	538,391	2.5%	559,174	2.4%
Fixture-Included Lighting ⁽⁷⁾	510	0.0%	40,715	0.2%	510	0.0%	40,715	0.2%
Dusk to Dawn Lighting ⁽⁷⁾	1,803	0.0%	144,065	0.7%	1,803	0.0%	144,065	0.6%
General Lighting ⁽⁷⁾	8,373	0.0%	8,373	0.0%	8,373	0.0%	8,373	0.0%
Railroad ⁽⁷⁾⁽⁹⁾	98,808	0.5%	144,278	0.7%	98,808	0.5%	144,278	0.6%
Nonresidential	10,762,014	55.9%	11,444,546	55.6%	11,888,584	54.8%	12,498,679	54.8%
Total	19,269,007	100.0%	20,583,831	100.0%	21,687,840	100.0%	22,827,977	100.0%
High Voltage (Up to 10,000 kW) ⁽⁷⁾⁽⁸⁾								
Secondary Voltage Service Points	828		1,476		828		1,476	
Primary Voltage Service Points with ComEd Transformers	426		683		426		683	
Primary Voltage Service Points No ComEd Transformer	2,043		7,882		2,043		7,882	
High Voltage (Over 10,000 kW) ⁽⁷⁾⁽⁸⁾								
Secondary Voltage Service Points	2,955		10,511		2,955		10,511	
Primary Voltage Service Points with ComEd Transformers	3,776		4,135		3,776		4,135	
Primary Voltage Service Points No ComEd Transformer	3,139		7,072		3,139		7,072	
Primary Voltage (Up to 10,000 kW) ⁽⁶⁾								
Secondary Voltage Service Points	169,031		181,181		189,236		198,646	
Primary Voltage Service Points with ComEd Transformers	440,962		506,081				554,865	
Primary Voltage Service Points No ComEd Transformer	260,067		286,153				313,737	
Primary Voltage (Over 10,000 kW) ⁽⁷⁾								
Secondary Voltage Service Points	168,665		172,428		168,665		172,428	
Primary Voltage Service Points with ComEd Transformers	216,463		231,585				231,585	
Primary Voltage Service Points No ComEd Transformer	153,263		176,079				176,079	

Notes:

- (1) The CP-ALL load is the sum of the single family class load and the multi family 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 family class load and the highest multi family class load on July 17, 2006.
- (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 June 23, 2009 for the hour between 4 pm and 5 pm, ComEd's system peak for that hour during 2009.
- (4) The loads under column (b) are the highest individual customer class hourly loads in 2009 for the portion of the loads delivered at voltages below 69 kV.
- (5) The loads under columns (c) and (d) for the single family and the multi family 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 Delivery Class and the Up to 10,000 kW subclass of the Primary Voltage Delivery Class are determined from total nonresidential described in Note (2) after removing the loads for the lighting and the larger customer 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 ⁽²⁾	% of Customers Taking Service from Secondary	NCP-SEC in kW ⁽³⁾
	(A)	(B)	(C) = 1 - (B)	(D) = (A) * (C)
<u>Residential</u>				
1 Single Family	8,400,935	2.5%	97.5%	8,190,912
2 Multi Family	1,928,363	11.9%	88.1%	1,698,888
Total Residential	10,329,298			9,889,800
<u>Nonresidential</u>				
3 Watt-Hour	150,708	6.5%	93.5%	140,912
4 Small Load (0 to 100 kW)	3,079,427	13.9%	86.1%	2,651,387
5 Medium Load (Over 100 to 400 kW)	2,508,461	83.6%	16.4%	411,388
6 Large Load (Over 400 to 1000 kW)	2,141,097	100.0%	0.0%	-
7 Very Large Load (Over 1,000 to 10,000 kW)	3,567,979	100.0%	0.0%	-
8 Extra Large Load (Over 10,000 kW)	687,532	100.0%	0.0%	-
9a. High Voltage Up to 10 MW	8,831	100.0%	0.0%	-
9b. High Voltage Over 10 MW	17,212	100.0%	0.0%	-
10 Fixture-Included Lighting	40,715	1.4%	98.6%	40,145
11 Dusk to Dawn Lighting	144,065	1.4%	98.6%	142,048
12 General Lighting	8,373	1.4%	98.6%	8,256
13 Railroad	144,278	100.0%	0.0%	-
Total Nonresidential	12,498,678			3,394,136
Total	22,827,976			13,283,936

Notes:

- (1) From page 1 of ComEd Ex. 51.3.
- (2) From ComEd Ex. 16.5 attached to the direct testimony of Mr. Alongi, ComEd Ex. 16.0 2nd Revised.
- (3) Used in ComEd Exs. 51.2 and 51.3, Schedule 2b, Line 31, Pages 1 and 2 of 4.

Commonwealth Edison Company
The Determination of Allocation Factor for Service Cost

	ALPCC ⁽⁵⁾ 0.1051 (C)				ALPCC ⁽⁵⁾ 0.1120 (G)				Weighted Customers for Service/CTs&PTs Cost
	Number of Standard Services ⁽³⁾	Cost per Standard Service ⁽⁴⁾	Annualized Cost per Standard Service	Number of Customers with Meters	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⁾	
	(A)	(B)	(D) = (B)*(C)	(E)	(F)	(H) = (F)*(G)	(I) = ((A)*(D)+(E)* (H))/(A)	(J)	(K) = (A) * (J)
Residential									
1 Single Family	2,269,817	\$1,006.51	\$105.78	2,269,817	\$0.92	\$0.10	\$105.88	1.000	2,269,817
2 Multi Family	1,169,805	\$227.92	\$23.95	1,169,805	\$0.92	\$0.10	\$24.05	0.227	265,546
Nonresidential									
3 Watt-Hour	96,684	\$337.13	\$35.43	96,684	\$2.10	\$0.24	\$35.67	0.337	32,583
4 Small Load (0 to 100 kW)	237,642	\$392.89	\$41.29	237,642	\$87.78	\$9.83	\$51.12	0.483	114,781
5 Medium Load (Over 100 to 400 kW)	17,302	\$508.80	\$53.47	17,302	\$461.99	\$51.74	\$105.21	0.994	17,198
6 Large Load (Over 400 to 1000 kW)	4,135	\$730.31	\$76.76	4,135	\$673.94	\$75.48	\$152.24	1.438	5,946
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496	\$2,189.01	\$230.06	1,496	\$1,227.38	\$137.47	\$367.53	3.471	5,193
8 Extra Large Load (Over 10,000 kW)	22	\$1,293.58	\$135.96	11	\$14,669.88	\$1,643.03	\$957.48	9.043	199
9a. High Voltage (Up to 10,000 kW)	40	\$1,293.58	\$135.96	40	\$18,741.86	\$2,099.09	\$2,235.05	21.109	844
9b. High Voltage (Over 10,000 kW)	33	\$1,293.58	\$135.96	33	\$18,741.86	\$2,099.09	\$2,235.05	21.109	697
10a. Primary (Up to 10,000 kW)	893	\$1,293.58	\$135.96	893	\$2,066.61	\$231.46	\$367.42	3.470	3,099
10b. Primary (Over 10,000 kW)	43	\$1,293.58	\$135.96	43	\$2,066.61	\$231.46	\$367.42	3.470	149
11 Fixture-Included Lighting ⁽¹⁾	166,898	\$116.57	\$12.25	-	\$0.00	\$0.00	\$12.25	0.116	19,360
12 Dusk to Dawn Lighting	146,668	\$116.57	\$12.25	2,693	\$329.78	\$36.94	\$12.93	0.122	17,893
13 General Lighting	7,910	\$116.57	\$12.25	385	\$274.32	\$30.72	\$13.75	0.130	1,028
14 Railroad ⁽²⁾	5	\$1,293.58	\$135.96	2	\$8,327.91	\$932.73	\$509.05	4.808	24
Total Residential and Nonresidential	4,119,393			3,800,981					2,754,357

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 ComEd Ex. 51.2, 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. 51.2, Schedule 2b, Line 35, Pages 1 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⁾	Weighted Standard Meter Cost
	(A)	(B)	(C)	(D) = (B) * (C)	(E)	(F) = (A) * (E)
<u>Residential</u>						
1 Single Family	2,269,817		0.1120		1.000	2,269,817
2 Multi Family	1,169,805		0.1120		1.000	1,169,805
<u>Nonresidential</u>						
3 Watt-Hour	96,684		0.1120		0.867	83,825
4 Small Load (0 to 100 kW)	237,642		0.1436		2.440	579,846
5 Medium Load (Over 100 to 400 kW)	17,302		0.1436		3.727	64,485
6 Large Load (Over 400 to 1000 kW)	4,135		0.1436		4.247	17,561
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496		0.1436		3.955	5,917
8 Extra Large Load (Over 10,000 kW)	11		0.1436		17.165	189
9a. High Voltage (Up to 10,000 kW)	40		0.1436		21.886	875
9b. High Voltage (Over 10,000 kW)	33		0.1436		21.886	722
10a. Primary (Up to 10,000 kW)	893		0.1436		4.368	3,901
10b. Primary (Over 10,000 kW)	43		0.1436		4.368	188
11 Fixture-Included Lighting ⁽¹⁾	n.a.		n.a.		n.a.	n.a.
12 Dusk to Dawn Lighting	2,693		0.1436		1.939	5,222
13 General Lighting	385		0.1436		1.789	689
14 Railroad ⁽²⁾	2		0.1436		26.590	53
Total Residential and Nonresidential	3,800,981					4,203,095

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. 51.2, 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 0.1436 and 0.1120, respectively.
- (6) Used in ComEd Ex. 51.2, Schedule 2b, Line 40, Pages 1 and 2 of 4.

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⁾	Weighted Meters for Standard Meter Reading
	(A)	(B)	(C)	(D) = (A) * (C)
<u>Residential</u>				
1 Single Family	2,269,817	\$14.51	1.000	2,269,817
2 Multi Family	1,169,805	\$14.51	1.000	1,169,805
<u>Nonresidential</u>				
3 Watt-Hour	96,684	\$11.63	0.802	77,541
4 Small Load (0 to 100 kW)	237,642	\$19.96	1.376	326,995
5 Medium Load (Over 100 to 400 kW)	17,302	\$80.86	5.573	96,424
6 Large Load (Over 400 to 1000 kW)	4,135	\$85.07	5.863	24,244
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496	\$82.81	5.707	8,538
8 Extra Large Load (Over 10,000 kW)	11	\$195.23	13.455	148
9a. High Voltage (Up to 10,000 kW)	40	\$106.99	7.374	295
9b. High Voltage (Over 10,000 kW)	33	\$106.99	7.374	243
10a. Primary (Up to 10,000 kW)	893	\$87.43	6.025	5,380
10b. Primary (Over 10,000 kW)	43	\$87.43	6.025	259
11 Fixture-Included Lighting ⁽¹⁾	n.a.	n.a.	n.a.	n.a.
12 Dusk to Dawn Lighting	2,693	\$40.07	2.762	7,438
13 General Lighting	385	\$23.22	1.600	616
14 Railroad ⁽²⁾	2	\$390.00	26.878	54
Total Residential and Nonresidential	3,800,981			3,987,797

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 Exhibit 51.2, 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⁾	Weighted Meter O&M
	(A)	(B)	(C) = (A) * (B)	(D)	(E)	(F)	(G) = (A) * (F)
<u>Residential</u>				37%			
1 Single Family	2,269,817	\$0.48	\$1,089,512	\$1,764,490	\$0.78	1.000	2,269,817
2 Multi Family	1,169,805	\$0.48	\$561,506	\$909,373	\$0.78	1.000	1,169,805
Total Residential	3,439,622		\$1,651,018	\$2,673,863			3,439,622
<u>Nonresidential</u>				63%			
3 Watt-Hour	96,684	\$1.29	\$124,722	\$104,904	\$1.09	1.397	135,068
4 Small Load (0 to 100 kW)	237,642	\$18.90	\$4,491,434	\$3,777,764	\$15.90	20.385	4,844,332
5 Medium Load (Over 100 to 400 kW)	17,302	\$31.94	\$552,626	\$464,816	\$26.86	34.436	595,812
6 Large Load (Over 400 to 1000 kW)	4,135	\$31.55	\$130,459	\$109,730	\$26.54	34.026	140,698
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496	\$31.86	\$47,663	\$40,090	\$26.80	34.359	51,401
8 Extra Large Load (Over 10,000 kW)	11	\$51.12	\$562	\$473	\$43.00	55.128	606
9a. High Voltage (Up to 10,000 kW)	40	\$24.38	\$975	\$820	\$20.50	26.282	1,051
9b. High Voltage (Over 10,000 kW)	33	\$24.38	\$805	\$677	\$20.52	26.308	868
10a. Primary (Up to 10,000 kW)	893	\$31.14	\$27,808	\$23,389	\$26.19	33.577	29,984
10b. Primary (Over 10,000 kW)	43	\$31.14	\$1,339	\$1,126	\$26.19	33.577	1,444
11 Fixture-Included Lighting ⁽¹⁾	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12 Dusk to Dawn Lighting	2,693	\$11.42	\$30,754	\$25,867	\$9.61	12.321	33,180
13 General Lighting	385	\$9.41	\$3,623	\$3,047	\$7.91	10.141	3,904
14 Railroad ⁽²⁾	2	\$52.96	\$106	\$89	\$44.50	57.051	114
Total Nonresidential	361,359		\$5,412,876	\$4,552,792			5,838,463
Total Residential and Nonresidential	3,800,981		\$7,063,894	\$7,226,655			9,278,085

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 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 2009, 37% metering services related costs are for residential. Please see page 7 (FMS cost allocation) of ComEd Ex. 23.1 Revised.
- (6) Used in ComEd Exhibit 51.2, Schedule 2b, Line 59, Pages 3 and 4 of 4.

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

	Average Number of Customers in 2009	LCS Cost		LCS Cost per Account	Billing Cost ⁽⁴⁾	Billing Cost Per Account	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⁾	Weighted Customers for Customer Accounts (Non SBO, Non Meter, Non SAC, NonCARE)
		Allocation % ⁽³⁾	LCS Cost					(O) = ((A) / (B)) * (N)	(P) = (E) + (I) + (O)	(Q) = (P) / (A)	(R)
	(A)	(C)	(E) = (C)*(D)	(F) = (E) / (A)	(I)	(J) = (I) / (A)	(N)	(P)	(Q)	(R)	(S)
Residential											
1 Single Family	2,269,817	0.0%	\$0	\$0.00	\$1,612,784	\$0.71	\$52,855,803	\$54,468,587	\$24.00	1.000	2,269,817
2 Multi Family	1,169,805	0.0%	\$0	\$0.00	\$1,473,713	\$1.26	\$27,240,515	\$28,714,228	\$24.55	1.023	1,196,711
Total Residential	3,439,622	0.0%	\$0	\$0.00	\$3,086,497	\$0.90	\$80,096,318	\$83,182,815	\$24.18	1.008	3,466,528
Nonresidential											
3 Watt-Hour	96,684	1.0%	\$68,001	\$0.70	\$370,164	\$3.83	\$2,251,420	\$2,689,585	\$27.82	1.159	112,057
4 Small Load (0 to 100 kW)	237,642	2.0%	\$136,002	\$0.57	\$879,628	\$3.70	\$5,533,820	\$6,549,450	\$27.56	1.148	272,813
5 Medium Load (Over 100 to 400 kW)	17,302	2.4%	\$163,202	\$9.43	\$94,191	\$5.44	\$402,901	\$660,294	\$38.16	1.590	27,510
6 Large Load (Over 400 to 1000 kW)	4,135	14.9%	\$1,013,212	\$245.03	\$38,148	\$9.23	\$96,289	\$1,147,649	\$277.55	11.565	47,821
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496	58.5%	\$3,978,048	\$2,659.12	\$52,954	\$35.40	\$34,836	\$4,065,838	\$2,717.81	113.242	169,410
8 Extra Large Load (Over 10,000 kW)	11	1.6%	\$108,801	\$9,891.00	\$4,734	\$430.36	\$256	\$113,791	\$10,344.64	431.027	4,741
9a. High Voltage (Up to 10,000 kW)	40	0.9%	\$61,201	\$1,530.03	\$31,557	\$788.93	\$931	\$93,689	\$2,342.23	97.593	3,904
9b. High Voltage (Over 10,000 kW)	33	0.6%	\$40,800	\$1,236.36	\$26,034	\$788.91	\$768	\$67,602	\$2,048.55	85.356	2,817
10a. Primary (Up to 10,000 kW)	893	15.7%	\$1,067,613	\$1,195.54	\$39,464	\$44.19	\$20,795	\$1,127,872	\$1,263.01	52.625	46,994
10b. Primary (Over 10,000 kW)	43	1.9%	\$129,202	\$3,004.70	\$4,161	\$96.77	\$1,001	\$134,364	\$3,124.74	130.198	5,599
11 Fixture-Included Lighting ⁽¹⁾	1,421	0.0%	\$0	\$0.00	\$4,356	\$3.07	\$33,090	\$37,446	\$26.35	1.098	1,560
12 Street Lighting - Dusk to Dawn	3,749	0.0%	\$0	\$0.00	\$8,121	\$2.17	\$87,301	\$95,422	\$25.45	1.060	3,974
13 Street Lighting - All Other Lighting	1,179	0.0%	\$0	\$0.00	\$3,161	\$2.68	\$27,455	\$30,616	\$25.97	1.082	1,276
14 Railroad ⁽²⁾	2	0.5%	\$34,000	\$17,000.00	\$11,045	\$5,522.50	\$47	\$45,092	\$22,546.00	939.417	1,879
Total Nonresidential	364,630	100.0%	\$6,800,082	\$18.65	\$1,567,718	\$4.30	\$8,490,910	\$16,858,710	\$46.24	1.927	702,354
Total Residential and Nonresidential	3,804,252 (B)	100.0%	\$6,800,082	\$1.79	\$4,654,215 (H)	\$1.22	\$88,587,228	\$100,041,525	\$26.30	1.096	4,168,882

Notes:

- These lighting accounts are customers for lighting services only and do not include lighting accounts that also take electric services.
- The customers in the Railroad class use electricity for traction power.
- Large Customer Solutions (LCS, formerly Large Customer Services) cost in Account 903 in 2009 was: \$6,800,082 (D)
- Transferred from column (N) on the Billing Cost page.
- 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 Costs related:

	Total Metering Services	Bill Issue and Processing, Cash and Collection	Supply Administration Costs and CARE related costs
Account 901	\$642,269	\$0	\$0
Account 902	\$31,724,685	\$31,724,685	\$0
Account 903	\$127,848,100	\$7,889,730	\$1,383,153
Total	\$160,215,054 (K)	\$39,614,415 (L)	\$1,383,153 (M)

Other Customer Costs in Accounts 901, 902 & 903 \$88,587,228 (N) = (K) - (L) - (M) - (D) - (H)

(6) Used in ComEd Ex. 51.2, 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 2009 ⁽³⁾	Total (Average) Number of Monthly Review Bills in 2009 ⁽⁴⁾	Billing Costs Related to Review Bills ⁽⁵⁾	Total Number of Billing Adjustments in 2009 ⁽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	2,269,817	176	\$138,850	34,177	\$1,473,934	\$1,612,784
2 Multi Family	1,169,805	3	\$2,367	34,117	\$1,471,346	\$1,473,713
3 Blank						
4 Blank						
Total Residential	3,439,622	179	\$141,217	68,294	\$2,945,280	\$3,086,497
Nonresidential						
3 Watt-Hour	96,684	11	\$8,678	8,382	\$361,486	\$370,164
4 Small Load (0 to 100 kW)	237,642	121	\$95,459	18,183	\$784,169	\$879,628
5 Medium Load (Over 100 to 400 kW)	17,302	65	\$51,280	995	\$42,911	\$94,191
6 Large Load (Over 400 to 1000 kW)	4,135	36	\$28,401	226	\$9,747	\$38,148
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496	61	\$48,124	112	\$4,830	\$52,954
8 Extra Large Load (Over 10,000 kW)	11	6	\$4,734	-	\$0	\$4,734
9a. High Voltage (Up to 10,000 kW)	40	40	\$31,557	-	\$0	\$31,557
9b. High Voltage (Over 10,000 kW)	33	33	\$26,034	-	\$0	\$26,034
10a. Primary (Up to 10,000 kW)	893	48	\$37,868	37	\$1,596	\$39,464
10b. Primary (Over 10,000 kW)	43	5	\$3,945	5	\$216	\$4,161
11 Fixture-Included Lighting ⁽¹⁾	1,421	-	\$0	101	\$4,356	\$4,356
12 Street Lighting - Dusk to Dawn	3,749	1	\$789	170	\$7,332	\$8,121
13 Street Lighting - All Other Lighting	1,179	1	\$789	55	\$2,372	\$3,161
14 Railroad ⁽²⁾	2	14	\$11,045	-	\$0	\$11,045
Total Nonresidential	364,630	442	\$348,703	28,266	\$1,219,015	\$1,567,718
Total	3,804,252	621 (I)	\$489,920	96,560 (L)	\$4,164,295	\$4,654,215

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 2009 from ComEd's general ledger	\$4,654,211 (C)
Number of billing clerks, from ComEd's system Billing	57 (D)
Average cost per billing clerk	\$81,653 (E) = (C) / (D)
Number of billing clerks work on Review Bills, provided by ComEd's System Billing	6 (F)
Billing costs related to Review Bills	\$489,918 (G) = (E) * (F)
Billing costs for billing activities other than Review Bills	\$4,164,293 (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 2009 and the remainder of the billing costs are allocated to delivery classes based on the total number of bill adjustments by delivery class in 2009.

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

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

	Average Number of Accounts in 2009 ⁽³⁾	Customer Installations Costs in 2009 ⁽⁵⁾	Per Customer Installations Costs in 2009	Per Customer Installations Costs Weighting Factor ⁽⁶⁾	Weighted Customers for Customer Installations Costs
	(A)	(B)	(E) = (B) / (A)	(G) = (E) / (F)	(H) = (G) * (A)
<u>Residential</u>					
1 Single Family	2,269,817	\$9,247,869	\$4.07 (F)	1.000	2,269,817
2 Multi Family	1,169,805	\$4,766,113	\$4.07	1.000	1,169,805
Total Residential	3,439,622	\$14,013,982	\$4.07		3,439,622
<u>Nonresidential</u>					
3 Watt-Hour	96,684	\$1,192,347	\$12.33	3.029	292,856
4 Small Load (0 to 100 kW)	237,642	\$2,930,698	\$12.33	3.029	719,818
5 Medium Load (Over 100 to 400 kW)	17,302	\$213,375	\$12.33	3.029	52,408
6 Large Load (Over 400 to 1000 kW)	4,135	\$50,995	\$12.33	3.029	12,525
7 Very Large Load (Over 1,000 to 10,000 kW)	1,496	\$18,449	\$12.33	3.029	4,531
8 Extra Large Load (Over 10,000 kW)	11	\$136	\$12.33	3.029	33
9a. High Voltage (Up to 10,000 kW)	40	\$493	\$12.33	3.029	121
9b. High Voltage (Over 10,000 kW)	33	\$407	\$12.33	3.029	100
10a. Primary (Up to 10,000 kW)	893	\$11,013	\$12.33	3.029	2,705
10b. Primary (Over 10,000 kW)	43	\$530	\$12.33	3.029	130
11 Fixture-Included Lighting ⁽¹⁾	1,421	\$17,524	\$12.33	3.029	4,304
12 Street Lighting - Dusk to Dawn	3,749	\$46,234	\$12.33	3.029	11,356
13 Street Lighting - All Other Lighting	1,179	\$14,540	\$12.33	3.029	3,571
14 Railroad ⁽²⁾	2	\$25	\$12.33	3.029	6
Total Nonresidential	364,630	\$4,496,766	\$12.33		1,104,464
Total	3,804,252	\$18,510,748	\$4.87	1.197	4,544,086

Customer Installations costs recorded in Accounts 587:

<u>Account</u>	<u>Amount in 2009⁽⁴⁾</u>	<u>Customer Installations Expenses</u>			
		<u>Metering Services</u>	<u>Customer Installations</u>	<u>Residential⁽⁴⁾</u>	<u>Nonresidential⁽⁴⁾</u>
587	\$19,083,844	\$573,096	\$18,510,748	\$14,013,982 (C)	\$4,496,766 (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 2009 costs information recorded in Account 587 in ComEd's general ledger, shown on the Account 587_by Project page of ComEd Ex. 23.1 Revised.
- (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. 51.2, Schedule 2b, Line 67, Pages 3 and 4 of 4.

Commonwealth Edison Company
The Determination of Allocation Factor for Customer Information

	2009 Test Year kWh Delivered - from <u>Billing Determinant</u>	Average Number of <u>Accounts in 2009⁽³⁾</u>	Customer Information Costs in <u>2009⁽⁶⁾⁽⁷⁾</u>	% of Total (J) = ((G) or (H)) / (I)
	(A)	(C)	(G) = (E) * (A) / (B)	
Residential				
1 Single Family	22,155,696,826		\$3,846,553	42.909%
2 Multi Family	6,094,402,376		\$1,058,078	11.803%
Total Residential	28,250,099,202 (B)	3,439,622	\$4,904,631	54.712%
Nonresidential				
			(H) = (F) * (C) / (D)	
3 Watt-Hour		96,684	\$1,076,491	12.008%
4 Small Load (0 to 100 kW)		237,642	\$2,645,934	29.516%
5 Medium Load (Over 100 to 400 kW)		17,302	\$192,642	2.149%
6 Large Load (Over 400 to 1000 kW)		4,135	\$46,040	0.514%
7 Very Large Load (Over 1,000 to 10,000 kW)		1,496	\$16,657	0.186%
8 Extra Large Load (Over 10,000 kW)		11	\$122	0.001%
9a. High Voltage (Up to 10,000 kW)		40	\$445	0.005%
9b. High Voltage (Over 10,000 kW)		33	\$367	0.004%
10a. Primary (Up to 10,000 kW)		893	\$9,943	0.111%
10b. Primary (Over 10,000 kW)		43	\$479	0.005%
11 Fixture-Included Lighting		1,421	\$15,822	0.176%
12 Street Lighting - Dusk to Dawn		3,749	\$41,742	0.466%
13 Street Lighting - All Other Lighting		1,179	\$13,127	0.146%
14 Railroad ⁽¹⁾		2	\$22	0.000%
Total Nonresidential		364,630	\$4,059,833	45.288%
Total		3,804,252 (D)	\$8,964,464 (I)	100.000%

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

<u>Account</u>	<u>Amount in 2009⁽³⁾</u>	<u>Excluded Costs⁽⁴⁾</u>	Amount in 2009 Included in the DST Revenue <u>Requirements</u>	<u>Residential⁽⁵⁾</u>	<u>Nonresidential⁽⁵⁾</u>
907	\$0	\$0	\$0	\$0	\$0
908	\$64,755,530	\$58,130,626	\$6,624,904	\$2,789,313	\$3,835,591
909	\$5,026,055	\$2,686,495	\$2,339,560	\$2,115,318	\$224,242
<u>910</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total	\$69,781,585	\$60,817,121	\$8,964,464	\$4,904,631 (E)	\$4,059,833 (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 2009, page 323.
- (4) See Schedules WPC-1d, WPC-1f and WPC-8 attached to ComEd Exhibit 6.0 Revised.
- (5) Account 908 information is transferred from the costs allocated to residential and nonresidential customers shown on the Account 908_by Project page in ComEd Ex. 23.1 Revised plus the assignment of the \$179,753 to residential and nonresidential customers based on the number of residential and nonresidential customers in 2009. The \$2,339,560 recorded in Account 909 - Informational and Instructional Expenses, 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. 51.2, Schedule 2b, Line 84, Pages 3 and 4 of 4.

	AMI Pilot Meters ⁽¹⁾	Average Purchase Cost Per Meter ⁽¹⁾	Total Meter Purchase Cost ⁽²⁾⁽³⁾
1 Residential Single Family Without Electric Space Heat	66,202	\$ 109.57	
2 Residential Multi Family Without Electric Space Heat	44,930	\$ 113.74	
3 Residential Single Family With Electric Space Heat	285	\$ 112.34	
4 Residential Multi Family With Electric Space Heat Residential	3,826	\$ 117.30	\$ 12,845,359
5 Watt-hour Delivery Class	3,661	\$ 120.75	\$ 442,077
6 Small Load Delivery Class	6,920	\$ 190.21	\$ 1,316,268
7 Medium Load Delivery Class	724	\$ 224.22	\$ 162,333
8 Large Load Delivery Class	220	\$ 236.86	\$ 52,110
9 Very Large Load Delivery Class	226	\$ 229.90	\$ 51,957
10 Extra Large Load Delivery Class	12	\$ 242.83	\$ 2,914
11 Primary Voltage Delivery Class	-	\$ -	\$ -
12 Railroad Delivery Class	6	\$ 242.83	\$ 1,457
13 Dusk to Dawn Delivery Class	135	\$ 180.93	\$ 24,426
14 General Lighting Delivery Class	8	\$ 132.20	\$ 1,058
Total			\$ 14,899,959

Notes:

- (1) AMI Pilot Program data.
- (2) AMI Pilot Meter purchase costs for the residential customers are assigned to the Single Family and the Multi Family Delivery Classes based on the number of standard meters of the two classes.
- (3) Used in ComEd Ex. 51.2, Schedule 2b, Line 100, Pages 3 and 4 of 4.