

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 <sup>(1)</sup>	9,799,256	45.2%	10,232,427	45.0%
Nonresidential <sup>(2)</sup>	11,888,584	54.8%	12,498,678	55.0%
Total	21,687,840	100.0%	22,731,105	100.0%

	7/6/2012		2012		Weather Normal		Weather Normal	
	CP-ALL <sup>(3)</sup>	% of Total	NCP<69 KV <sup>(4)</sup>	% 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 <sup>(5)</sup>	8,025,924	38.3%	8,175,070	36.3%	7,804,759	36.0%	7,695,319	33.9%
Multi Family Without Electric Space Heat <sup>(5)</sup>	1,692,928	8.1%	1,872,810	8.3%	1,646,277	7.6%	1,762,905	7.8%
Single Family With Electric Space Heat <sup>(5)</sup>	120,789	0.6%	249,436	1.1%	117,460	0.5%	234,798	1.0%
Multi Family With Electric Space Heat <sup>(5)</sup>	237,299	1.1%	573,034	2.5%	230,760	1.1%	539,406	2.4%
Total Residential	10,076,940	48.1%	10,870,350	48.2%	9,799,256	45.2%	10,232,428	45.0%
Watt-Hour <sup>(6)</sup>	110,162	0.5%	135,796	0.6%	121,754	0.6%	146,314	0.6%
Small Load (0 to 100 kW) <sup>(6)</sup>	2,564,456	12.2%	2,837,598	12.6%	2,834,296	13.1%	3,057,374	13.5%
Medium Load (Over 100 to 400 kW) <sup>(6)</sup>	2,093,230	10.0%	2,355,380	10.4%	2,313,487	10.7%	2,537,807	11.2%
Large Load (Over 400 to 1000 kW) <sup>(6)</sup>	1,796,628	8.6%	1,991,103	8.8%	1,985,675	9.2%	2,145,317	9.4%
Very Large Load (Over 1,000 to 10,000 kW) <sup>(6)</sup>	3,000,375	14.3%	3,292,291	14.6%	3,316,084	15.3%	3,547,284	15.6%
Extra Large Load (Over 10,000 kW) <sup>(7)</sup>	625,475	3.0%	700,651	3.1%	625,475	2.9%	700,651	3.1%
High Voltage (Up to 10,000 kW) <sup>(7)(8)</sup>	47,235	0.2%	11,946	0.1%	47,235	0.2%	11,946	0.1%
High Voltage (Over 10,000 kW) <sup>(7)(8)</sup>	539,169	2.6%	14,652	0.1%	539,169	2.5%	14,652	0.1%
Fixture-Included Lighting <sup>(7)</sup>	553	0.0%	41,580	0.2%	553	0.0%	41,580	0.2%
Dusk to Dawn Lighting <sup>(7)</sup>	1,985	0.0%	149,150	0.7%	1,985	0.0%	149,150	0.7%
General Lighting <sup>(7)</sup>	8,118	0.0%	8,118	0.0%	8,118	0.0%	8,118	0.0%
Railroad <sup>(7)(9)</sup>	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	55.0%
Total	20,959,079	100.0%	22,547,101	100.0%	21,687,840	100.0%	22,731,107	100.0%

## Commonwealth Edison Company

## The Determination of Weather Normalized Coincident Peaks (CPs) and NonCoincident Peak (NCPs)

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

## 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.

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

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.
- (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.

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 <sup>(1)</sup>	% of Customers Not Taking Service from Secondary Distribution Lines <sup>(2)</sup>	% of Customers Taking Service from Secondary Distribution Lines	NCP-SEC LINE in kW <sup>(3)</sup>
	(A)	(B)	(C) = 1 - (B)	(D) = (A) * (C)
<u>Residential</u>				
1 Single Family Without Electric Space Heat	7,695,319	2.3%	97.7%	7,518,327
2 Multi Family Without Electric Space Heat	1,762,905	18.2%	81.8%	1,442,056
3 Single Family With Electric Space Heat	234,798	18.7%	81.3%	190,891
4 <u>Multi Family With Electric Space Heat</u>	<u>539,406</u>	18.2%	81.8%	<u>441,234</u>
Total Residential	10,232,428			9,592,508
<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	22,731,107			12,973,975

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

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

<b>2006 Weather Normalized</b>	<b>CP-ALL</b>	<b>% of Total</b>	<b>NCP&lt;69 KV</b>	<b>% of Total</b>
Residential <sup>(1)</sup>	9,799,256	45.2%	10,232,427	45.6%
Nonresidential <sup>(2)</sup>	11,888,584	54.8%	12,198,703	54.4%
Total	21,687,840	100.0%	22,431,130	100.0%

	<b>7/6/2012</b>		<b>2012</b>		<b>Weather Normal</b>		<b>Weather Normal</b>	
	<b>CP-ALL<sup>(3)</sup></b>	<b>% of Total</b>	<b>NCP&lt;69 KV<sup>(4)</sup></b>	<b>% of Total</b>	<b>CP-ALL</b>	<b>% of Total</b>	<b>NCP&lt;69 KV</b>	<b>% of Total</b>
	<b>4 pm to 5 pm</b>				<b>4 pm to 5 pm</b>			
	<b>(a)</b>		<b>(b)</b>		<b>(c)</b>		<b>(d)</b>	
Single Family Without Electric Space Heat <sup>(5)</sup>	8,025,924	38.3%	8,175,070	36.3%	7,804,759	36.0%	7,695,319	34.3%
Multi Family Without Electric Space Heat <sup>(5)</sup>	1,692,928	8.1%	1,872,810	8.3%	1,646,277	7.6%	1,762,905	7.9%
Single Family With Electric Space Heat <sup>(5)</sup>	120,789	0.6%	249,436	1.1%	117,460	0.5%	234,798	1.0%
Multi Family With Electric Space Heat <sup>(5)</sup>	237,299	1.1%	573,034	2.5%	230,760	1.1%	539,406	2.4%
Total Residential	10,076,940	48.1%	10,870,350	48.2%	9,799,256	45.2%	10,232,428	45.6%
Watt-Hour <sup>(6)</sup>	110,162	0.5%	135,796	0.6%	121,754	0.6%	142,475	0.6%
Small Load (0 to 100 kW) <sup>(6)</sup>	2,564,456	12.2%	2,837,598	12.6%	2,834,296	13.1%	2,977,163	13.3%
Medium Load (Over 100 to 400 kW) <sup>(6)</sup>	2,093,230	10.0%	2,355,380	10.4%	2,313,487	10.7%	2,471,228	11.0%
Large Load (Over 400 to 1000 kW) <sup>(6)</sup>	1,796,628	8.6%	1,991,103	8.8%	1,985,675	9.2%	2,089,034	9.3%
Very Large Load (Over 1,000 to 10,000 kW) <sup>(6)</sup>	3,000,375	14.3%	3,292,291	14.6%	3,316,084	15.3%	3,454,220	15.4%
Extra Large Load (Over 10,000 kW) <sup>(7)</sup>	625,475	3.0%	700,651	3.1%	625,475	2.9%	700,651	3.1%
High Voltage (Up to 10,000 kW) <sup>(7)(8)</sup>	47,235	0.2%	11,946	0.1%	47,235	0.2%	11,946	0.1%
High Voltage (Over 10,000 kW) <sup>(7)(8)</sup>	539,169	2.6%	14,652	0.1%	539,169	2.5%	14,652	0.1%
Fixture-Included Lighting <sup>(7)</sup>	553	0.0%	41,580	0.2%	553	0.0%	41,580	0.2%
Dusk to Dawn Lighting <sup>(7)</sup>	1,985	0.0%	149,150	0.7%	1,985	0.0%	149,150	0.7%
General Lighting <sup>(7)</sup>	8,118	0.0%	8,118	0.0%	8,118	0.0%	8,118	0.0%
Railroad <sup>(7)(9)</sup>	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%	12,198,703	54.4%
Total	20,959,079	100.0%	22,547,101	100.0%	21,687,840	100.0%	22,431,131	100.0%

## Commonwealth Edison Company

## The Determination of Weather Normalized Coincident Peaks (CPs) and NonCoincident Peak (NCPs)

	<b>7/6/2012</b>		<b>2012</b>		<b>Weather Normal</b>		<b>Weather Normal</b>	
	<b>CP<sup>(3)</sup></b>	<b>% of Total</b>	<b>NCP&lt;69 KV<sup>(4)</sup></b>	<b>% of Total</b>	<b>CP</b>	<b>% of Total</b>	<b>NCP&lt;69 KV</b>	<b>% of Total</b>
	<b>4 pm to 5 pm</b>				<b>4 pm to 5 pm</b>			
	<b>(a)</b>		<b>(b)</b>		<b>(c)</b>		<b>(d)</b>	
<b>Secondary Voltage Service Points Only</b>								
Small Load (0 to 100 kW) <sup>(6)</sup>	2,562,853		2,835,902		2,832,524		2,975,384	
Medium Load (Over 100 to 400 kW) <sup>(6)</sup>	2,070,584		2,328,291		2,288,459		2,442,806	
Large Load (Over 400 to 1000 kW) <sup>(6)</sup>	1,750,039		1,936,055		1,934,183		2,031,279	
Very Large Load (Over 1,000 to 10,000 kW)	2,362,902		2,584,362		2,611,534		2,711,472	
Extra Large Load (Over 10,000 kW) <sup>(7)</sup>	277,554		303,966		277,554		303,966	
High Voltage (Up to 10,000 kW) <sup>(7)(8)</sup>	570		1,377		570		1,377	
High Voltage (Over 10,000 kW) <sup>(7)(8)</sup>	2,085		2,691		2,085		2,691	
<b>Primary Voltage Service Points with ComEd Transformers</b>								
Small Load (0 to 100 kW) <sup>(6)</sup>	na		1,350				1,416	
Medium Load (Over 100 to 400 kW) <sup>(6)</sup>			19,464				20,421	
Large Load (Over 400 to 1000 kW) <sup>(6)</sup>			34,530				36,228	
Very Large Load (Over 1,000 to 10,000 kW) <sup>(6)</sup>			441,410				463,121	
Extra Large Load (Over 10,000 kW) <sup>(7)</sup>			239,234				239,234	
High Voltage (Up to 10,000 kW) <sup>(7)(8)</sup>			645				645	
High Voltage (Over 10,000 kW) <sup>(7)(8)</sup>			4,675				4,675	
<b>High Voltage CP 69kV &amp; below</b>								
High Voltage (Up to 10,000 kW) <sup>(7)(8)</sup>	11,900				11,900			
High Voltage (Over 10,000 kW) <sup>(7)(8)</sup>	41,724				41,724			
<b>CP &lt; 69 kV</b>								
High Voltage (Up to 10,000 kW) <sup>(7)(8)</sup>	8,698				8,698			
High Voltage (Over 10,000 kW) <sup>(7)(8)</sup>	8,267				8,267			

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

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 highest hourly load for the residential sector on July 17, 2006. It is the hour between 6 pm and 7 pm on that day.
- (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 highest hourly load for the nonresidential sector (no lighting) for the portion of the loads delivered at voltages below 69 kV in 2006 plus the highest lighting loads in 2011. The hourly load for the lighting sector is not weather adjusted.
- (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.
- (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.

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 <sup>(1)</sup>	% of Customers Not Taking Service from Secondary Distribution Lines <sup>(2)</sup>	% of Customers Taking Service from Secondary Distribution Lines	NCP-SEC LINE in kW <sup>(3)</sup>
	(A)	(B)	(C) = 1 - (B)	(D) = (A) * (C)
<u>Residential</u>				
1 Single Family Without Electric Space Heat	7,695,319	2.3%	97.7%	7,518,327
2 Multi Family Without Electric Space Heat	1,762,905	18.2%	81.8%	1,442,056
3 Single Family With Electric Space Heat	234,798	18.7%	81.3%	190,891
4 <u>Multi Family With Electric Space Heat</u>	<u>539,406</u>	18.2%	81.8%	<u>441,234</u>
Total Residential	10,232,428			9,592,508
<u>Nonresidential</u>				
5 Watt-Hour	142,475	6.5%	93.5%	133,214
6 Small Load (0 to 100 kW)	2,977,163	13.9%	86.1%	2,563,337
7 Medium Load (Over 100 to 400 kW)	2,471,228	83.6%	16.4%	405,281
8 Large Load (Over 400 to 1000 kW)	2,089,034	100.0%	0.0%	-
9 Very Large Load (Over 1,000 to 10,000 kW)	3,454,220	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	12,198,703			3,297,896
Total	22,431,131			12,890,404

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