

2014 Annual Municipal Franchise Report



Prepared for the Village of Orland Park

Rawlin Brown
External Affairs
University Park Office
Rawlin.Brown@comed.com

ComEd[®]
An Exelon Company

2014 Annual Municipal Franchise Report

- A. Electrical System Performance/Reliability
 - i. Definition of Reliability Performance Indices
 - ii. Electric System Performance Reliability Charts
 - iii. Interruption Summary Report
 - iv. Glossary of Interruption Causes
- B. Smart Grid Implementation
- C. Customer Service Report
- D. Electrical System Improvements
- E. Circuit Reference
 - i. Circuits Serving Orland Park
 - ii. Circuit Map
- F. Current General Purpose Letter on Franchise Consideration
- G. Contact Information
 - i. How to Contact ComEd
 - ii. How ComEd contacts the Village of Orland Park

APPENDIX

Appendix 1 - Glossary of Terms

Appendix 2 - Electronic Interruption Report

Portions of the Annual Report contain confidential and proprietary information and have been marked for limited distribution pursuant to the ComEd-Municipal franchise agreement.



Definition of Reliability Performance Metrics

Reliability performance metrics are used to measure the ability of the electric system to deliver power to customers without interruption.

| | |
|---|--|
| <p>SAIDI - Average Annual Interruption Duration Index (hours per customer per year)</p> <p>SAIFI - Average Annual Interruption Frequency Index (number of interruptions per customer per year)</p> <p>SAIFI-EX - Average Annual Interruption Frequency Index excluding scheduled maintenance (number of interruptions per customer per year)</p> | <p>SAIDI-EX - Average Annual Interruption Duration Index excluding scheduled maintenance (hours per customer per year)</p> <p>SAIFI-EX-2 - Average Annual Interruption Frequency Index excluding scheduled maintenance and interruptions due to weather (number of interruptions per customer per year)</p> <p>SAIDI-EX-2 - Average Annual Interruption Duration Index excluding scheduled maintenance and interruptions due to weather (hours per customer per year)</p> |
| <p>SAIDI-EX-2 - Average Annual Interruption Duration Index excluding scheduled maintenance and interruptions due to weather (hours per customer per year)</p> <p>SAIFI-EX-2 - Average Annual Interruption Frequency Index excluding scheduled maintenance and interruptions due to weather (number of interruptions per customer per year)</p> | <p>SAIDI-EX-2 - Average Annual Interruption Duration Index excluding scheduled maintenance and interruptions due to weather (hours per customer per year)</p> <p>SAIFI-EX-2 - Average Annual Interruption Frequency Index excluding scheduled maintenance and interruptions due to weather (number of interruptions per customer per year)</p> |

A. Electrical System Performance/Reliability

CHART 1B - PART B

This chart displays the average number of interruptions per customer per year (SAIFI) and the average duration of interruptions per customer per year (SAIDI) for the electrical system. The data is presented for the years 2011 through 2015. The SAIFI values are shown in the left column and the SAIDI values are shown in the right column. The SAIFI values are generally lower than the SAIDI values, indicating that the number of interruptions is lower than the duration of interruptions. The SAIDI values are generally higher than the SAIFI values, indicating that the duration of interruptions is longer than the number of interruptions.

SAIDI and SAIFI are calculated based on the number of interruptions and the duration of interruptions. SAIDI is calculated by multiplying the number of interruptions by the duration of interruptions and dividing by the number of customers. SAIFI is calculated by dividing the number of interruptions by the number of customers.

Definition of Reliability Performance Indices

On the following page, ComEd provides five charts containing reliability indices for your municipality.

CHART ONE – SAIFI (Average Number of Interruptions per Customer)

Chart shows the average number of interruptions per customer on an annual basis for your municipality for the past five years. For comparison purposes, this chart also shows the average number of interruptions per customer for the municipality's operating region and the ComEd system.

CHART TWO – SAIFI Non-Storm (Average Number of Interruptions per Customer)

Same as CHART ONE, however, reportable storms* have been excluded from the indices.

CHART THREE – CAIDI (Average Length of Customer Interruptions in minutes)

Chart shows the average length of customer interruptions in minutes on an annual basis for your municipality for the past five years. For comparison purposes, this chart also shows the average length of interruptions for the municipality's operating region and for the ComEd system.

CHART FOUR – CAIDI Non-Storm (Average Length of Customer Interruptions in minutes)

Same as CHART THREE, however, reportable storms* have been excluded from the indices.

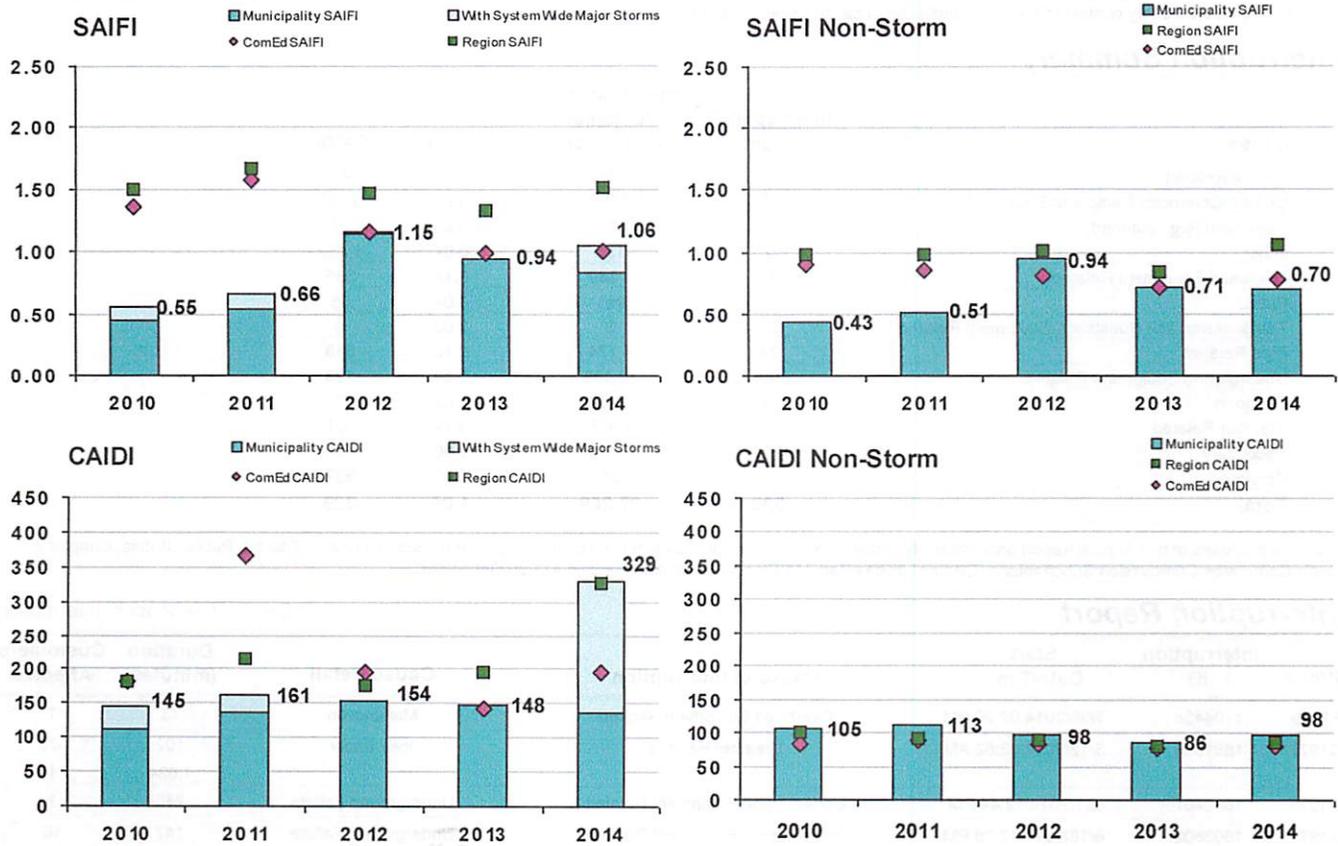
CHART FIVE – SAIFI by Cause

Chart shows the average number of interruptions per customer by interruption causes for the past five years. For purposes of this Annual Report only, causes reflect interruptions as defined by the Illinois Administrative Code - Title 83: Public Utilities, Chapter 1: Illinois Commerce Commission Subchapter c: Electric Utilities Part 411 Electric Reliability - Section 411.20 Definitions.

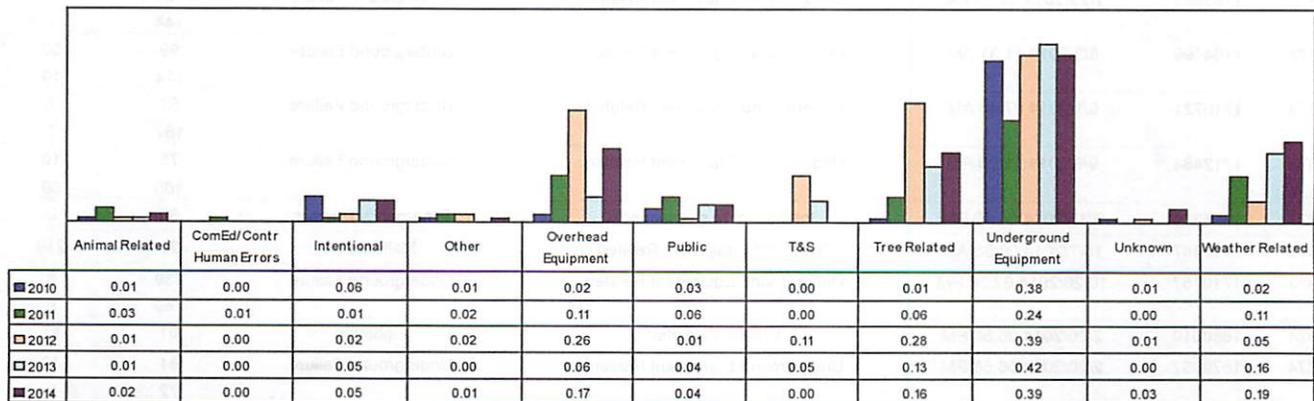
**We have computed these indices excluding interruptions during certain storms. To make these computations and for purposes of this Annual Report only, we have used the 83 Illinois Administrative Code art 411.120(a) reporting threshold (10,000 customers experiencing interruptions for three hours) for determining when a "storm" has occurred that should be excluded from these indices.*

Orland Park Reliability Performance Year End Report

ComEd customers in the Village of Orland Park experienced a 99.93% reliability rate in 2014.



SAIFI by Cause



Note: For purposes of this Annual Report only, reliability statistics reflect interruptions as defined by the Illinois Administrative Code - Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter c: Electric Utilities Part 411 Electric Reliability - Section 411.20 Definitions. See also Glossary contained herein.

System Wide Major Storms: 6/18/2010, 6/21/2011, 7/11/2011, 7/1/2012, and 6/30/2014

2014 Interruption Summary Report From 1/1/2014 Through 12/31/2014 Orland Park

For purposes of this Annual Report only, the following interruption cause code categories are reflected in Section 411.20 of the Illinois Administrative Code. Regardless of the category description set out in Section 411.20 and the tables herein, all or some of the cause codes identified below may be the result or consequence of severe weather conditions. See also Glossary contained herein for definition of cause codes utilized below.

Interruption Summary

| Cause | Interruption Count | Total Number of Customer Interruptions | SAIFI | CAIDI |
|---|--------------------|--|-------------|------------|
| Animal Related | 9 | 456 | 0.02 | 47 |
| ComEd/Contractor Personnel-Errors | 2 | 19 | 0.00 | 3,281 |
| Intentional (e.g., planned) | 17 | 1,202 | 0.05 | 27 |
| Other | 2 | 150 | 0.01 | 1,432 |
| Overhead Equipment Related | 39 | 4,349 | 0.17 | 365 |
| Public | 14 | 991 | 0.04 | 65 |
| Transmission and Substation Equipment Related | 0 | 0 | 0.00 | 0 |
| Tree Related | 24 | 4,174 | 0.16 | 646 |
| Underground Equipment Related | 166 | 10,186 | 0.39 | 128 |
| Unknown | 4 | 802 | 0.03 | 8 |
| Weather Related | 31 | 4,905 | 0.19 | 601 |
| Secondary | 0 | 0 | 0.00 | 0 |
| Services | 25 | 25 | 0.00 | 827 |
| Total | 333 | 27,259 | 1.06 | 329 |

Note: For purposes of this Annual Report only, reliability statistics reflect interruptions as defined by the Illinois Administrative Code - Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter c: Electric Utilities Part 411 Electric Reliability - Section 411.20 Definitions.

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|-------------------------------|---------------------|--------------------|--------------------|
| F2779 | 1704436 | 7/30/2014 02:20 PM | Overhead Equipment Related | Malfunction | 73 | 1 |
| G1972 | 1681886 | 3/12/2014 02:52 AM | Weather Related | Ice / Snow | 102 | 373 |
| | | | | | 1,034 | 1 |
| G1973 | 1680467 * | 3/1/2014 12:44 PM | Underground Equipment Related | Underground Failure | 246 | 1 |
| G1973 | 1693602 | 6/18/2014 12:28 PM | Underground Equipment Related | Underground Failure | 147 | 10 |
| | | | | | 161 | 50 |
| G1973 | 1703963 | 7/28/2014 01:55 PM | Underground Equipment Related | Underground Failure | 124 | 6 |
| | | | | | 144 | 7 |
| G1973 | 1704799 | 8/3/2014 11:31 AM | Underground Equipment Related | Underground Failure | 99 | 50 |
| | | | | | 114 | 10 |
| G1973 | 1710721 | 9/1/2014 07:43 AM | Underground Equipment Related | Underground Failure | 57 | 7 |
| | | | | | 167 | 7 |
| G1973 | 1712484 | 9/6/2014 11:00 PM | Underground Equipment Related | Underground Failure | 75 | 10 |
| | | | | | 106 | 50 |
| G1973 | 1714384 | 9/13/2014 08:10 PM | Intentional (e.g., planned) | Emergency Repairs | 60 | 9 |
| G1973 | 1717487 | 10/7/2014 06:36 AM | Overhead Equipment Related | Malfunction | 29 | 210 |
| G1973 | 1719757 | 10/28/2014 02:36 PM | Underground Equipment Related | Underground Failure | 139 | 8 |
| | | | | | 149 | 6 |
| G1974 | 1680010 | 2/20/2014 06:58 PM | Weather Related | Lightning | 61 | 17 |
| G1974 | 1679957 | 2/20/2014 06:58 PM | Underground Equipment Related | Underground Failure | 61 | 12 |
| | | | | | 72 | 2 |
| G1975 | 1703965 * | 7/28/2014 09:29 AM | Underground Equipment Related | Underground Failure | 653 | 1 |
| G1977X | 1686165 | 4/26/2014 02:41 PM | Overhead Equipment Related | Malfunction | 102 | 142 |
| G1977X | 1707711 | 8/21/2014 04:47 PM | Weather Related | Lightning | 488 | 1 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|------------------------|--------------------|--------------------|
| G1977X | 1710107 | 8/27/2014 10:47 AM | Underground Equipment Related | Underground Failure | 507 | 1 |
| G1977X | 1721963 | 11/11/2014 01:00 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 80 | 1 |
| G1978X | 1678457 | 2/6/2014 02:44 PM | Underground Equipment Related | Underground Failure | 65 | 1 |
| G1978X | 1679185 | 2/18/2014 11:17 PM | Underground Equipment Related | Underground Failure | 81 | 1 |
| | | | | | 99 | 13 |
| G1978X | 1680837 | 3/7/2014 07:59 AM | Overhead Equipment Related | Malfunction | 141 | 1 |
| G1978X | 1681812 | 3/12/2014 05:01 AM | Weather Related | Ice / Snow | 154 | 2 |
| | | | | | 290 | 1 |
| | | | | | 1,127 | 197 |
| | | | | | 1,153 | 251 |
| G1978X | 1685180 | 4/15/2014 07:31 AM | Underground Equipment Related | Malfunction | 89 | 10 |
| | | | | | 119 | 2 |
| | | | | | 139 | 8 |
| | | | | | 169 | 1 |
| | | | | | 189 | 6 |
| | | | | | 464 | 5 |
| G1978X | 1685665 | 4/22/2014 12:25 AM | Underground Equipment Related | Underground Failure | 170 | 32 |
| G1978X | 1686702 | 5/1/2014 06:06 AM | Animal Related | Birds | 36 | 408 |
| | | | | | 37 | 1 |
| G1978X | 1686695 | 5/1/2014 07:06 AM | Intentional (e.g., planned) | Emergency Repairs | 17 | 1 |
| G1978X | 1688561 | 5/14/2014 01:52 PM | Overhead Equipment Related | Malfunction | 43 | 32 |
| G1978X | 1688892 | 5/18/2014 09:45 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 112 | 1 |
| G1978X | 1692409 | 6/12/2014 08:28 AM | Underground Equipment Related | Underground Failure | 371 | 1 |
| G1978X | 1699416 | 6/30/2014 10:43 PM | Tree Related | Limb Broken - Primary | 4,162 | 1 |
| G1978X | 1700071 | 7/3/2014 05:59 AM | Underground Equipment Related | Underground Failure | 1,731 | 14 |
| | | | | | 3,301 | 11 |
| G1978X | 1700070 | 7/5/2014 11:38 AM | Intentional (e.g., planned) | Emergency Repairs | 82 | 14 |
| G1978X | 1702888 | 7/21/2014 10:32 PM | Underground Equipment Related | Underground Failure | 117 | 54 |
| | | | | | 142 | 25 |
| G1978X | 1719240 | 10/23/2014 11:10 AM | Overhead Equipment Related | Malfunction | 160 | 1 |
| G1978X | 1724012 | 11/26/2014 11:09 PM | Underground Equipment Related | Underground Failure | 181 | 14 |
| | | | | | 201 | 10 |
| G1982 | 1680972 | 3/10/2014 05:57 AM | Underground Equipment Related | Underground Failure | 127 | 1 |
| | | | | | 142 | 3 |
| G1982 | 1681090 | 3/11/2014 07:29 AM | Underground Equipment Related | Underground Failure | 66 | 14 |
| G1982 | 1682206 | 3/13/2014 10:58 PM | Underground Equipment Related | Underground Failure | 187 | 1 |
| | | | | | 701 | 50 |
| G1982 | 1687172 | 5/6/2014 01:29 AM | Underground Equipment Related | Underground Failure | 101 | 1 |
| | | | | | 336 | 64 |
| G1982 | 1687382 | 5/8/2014 05:14 PM | Overhead Equipment Related | Malfunction | 155 | 4 |
| G1982 | 1697957 | 6/30/2014 10:30 PM | Weather Related | Wind / Tomado | 280 | 384 |
| G1982 | 1702785 | 7/21/2014 08:02 AM | Animal Related | Squirrels | 165 | 6 |
| G1982 | 1704726 | 8/2/2014 06:40 AM | Underground Equipment Related | Underground Failure | 269 | 4 |
| | | | | | 308 | 41 |
| G1982 | 1710994 | 9/2/2014 07:56 AM | Underground Equipment Related | Underground Failure | 124 | 10 |
| G1982 | 1731492 | 9/2/2014 08:56 AM | Underground Equipment Related | Underground Failure | 53 | 5 |
| | | | | | 69 | 10 |
| G1982 | 1711088 | 9/3/2014 06:26 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 66 | 1 |
| G1982 | 1711581 | 9/4/2014 12:38 PM | Tree Related | Tree Contact - Primary | 322 | 4 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|-----------------------------|--------------------|--------------------|
| G1982 | 1712624 | 9/7/2014 07:22 AM | Underground Equipment Related | Underground Failure | 143 178 | 4 80 |
| G1982 | 1716517 | 9/23/2014 01:52 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 1,035 | 1 |
| G1982 | 1720652 | 11/1/2014 05:45 PM | Underground Equipment Related | Malfunction | 95 | 13 |
| G1983 | 1676656 | 1/11/2014 10:29 AM | Underground Equipment Related | Underground Failure | 85 | 304 |
| G1983 | 1678338 | 2/4/2014 07:08 PM | Underground Equipment Related | Underground Failure | 126 146 | 17 22 |
| G1983 | 1683852 * | 4/2/2014 12:11 PM | Intentional (e.g., planned) | Emergency Repairs | 1 | 1 |
| G1983 | 1714174 | 9/12/2014 02:17 AM | Underground Equipment Related | Underground Failure | 173 203 | 43 9 |
| G1986X | 1678302 | 2/4/2014 05:54 AM | Underground Equipment Related | Underground Failure | 60 70 | 37 30 |
| G1986X | 1687258 | 5/7/2014 02:23 PM | Underground Equipment Related | Underground Failure | 66 77 | 37 31 |
| G1986X | 1695459 | 6/24/2014 03:12 PM | Underground Equipment Related | Underground Failure | 114 168 274 | 42 9 21 |
| G1986X | 1707220 | 8/20/2014 09:25 AM | Underground Equipment Related | Underground Failure | 319 | 1 |
| G1986X | 1713212 | 9/9/2014 01:19 AM | Underground Equipment Related | Underground Failure | 70 98 106 | 4 27 36 |
| G1986X | 1715264 | 9/21/2014 06:58 AM | Weather Related | Lightning | 76 | 2 |
| G1986X | 1719522 | 10/27/2014 05:42 AM | Underground Equipment Related | Underground Failure | 57 67 | 15 27 |
| G1986Y | 1676969 | 1/15/2014 08:05 AM | Customer | Customer Equipment | 70 | 11 |
| G1986Y | 1678327 | 2/4/2014 01:23 PM | Underground Equipment Related | Malfunction | 147 177 | 55 48 |
| G1986Y | 1679598 | 2/20/2014 11:47 AM | Underground Equipment Related | Underground Failure | 253 413 | 104 119 |
| G1986Y | 1679733 | 2/21/2014 03:50 AM | Underground Equipment Related | Underground Failure | 181 | 103 |
| G1986Y | 1685035 | 4/14/2014 09:10 AM | Underground Equipment Related | Underground Failure | 65 | 1 |
| G1986Y | 1690928 | 6/2/2014 01:53 PM | Underground Equipment Related | Underground Failure | 126 | 104 |
| G1986Y | 1691874 | 6/9/2014 01:33 PM | Underground Equipment Related | Underground Failure | 67 | 1 |
| G1986Y | 1695726 | 6/26/2014 02:22 AM | Underground Equipment Related | Underground Failure | 24 57 | 784 706 |
| G1986Y | 1708654 | 8/25/2014 12:27 AM | Underground Equipment Related | Underground Failure | 123 143 | 36 18 |
| G1986Y | 1715584 | 9/23/2014 09:15 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 49 | 24 |
| G1986Y | 1717246 | 10/5/2014 11:00 AM | Underground Equipment Related | Underground Failure | 180 | 2 |
| G1986Y | 1719361 | 10/24/2014 11:11 AM | Underground Equipment Related | Underground Failure | 49 | 1 |
| G1987 | 1675565 | 1/2/2014 11:24 AM | Overhead Equipment Related | Malfunction | 155 | 57 |
| G1987 | 1676789 | 1/12/2014 11:15 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 295 | 147 |
| G1987 | 1679326 * | 2/20/2014 07:33 AM | Tree Related | Tree Contact - Service Drop | 127 | 1 |
| G1987 | 1687123 | 5/6/2014 10:17 AM | Public | Accident by Others | 74 | 35 |
| G1987 | 1699378 | 6/30/2014 11:02 PM | Weather Related | Wind / Tomado | 4,147 | 4 |
| G1987 | 1705668 | 8/9/2014 11:48 AM | Underground Equipment Related | Underground Failure | 202 237 | 19 1 |
| G1987 | 1706608 * | 8/16/2014 07:24 PM | Tree Related | Tree Contact - Service Drop | 301 | 1 |
| G1987 | 1718348 | 10/14/2014 03:25 PM | Intentional (e.g., planned) | Emergency Repairs | 84 | 77 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|-----------------------|--------------------|--------------------|
| G1987 | 1719590 | 10/27/2014 01:39 PM | Overhead Equipment Related | Malfunction | 201 | 36 |
| G1988 | 1686125 | 4/26/2014 04:52 AM | Underground Equipment Related | Underground Failure | 133 158 | 4 29 |
| G1988 | 1700223 | 7/6/2014 07:20 PM | Overhead Equipment Related | Malfunction | 67 | 1 |
| G1988 | 1703313 | 7/24/2014 09:06 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 41 | 112 |
| G1988 | 1714975 | 9/18/2014 01:06 PM | Animal Related | Squirrels | 413 | 1 |
| G1988 | 1715980 | 9/27/2014 10:14 AM | Underground Equipment Related | Underground Failure | 110 125 | 1 1 |
| G1988 | 1719639 | 10/27/2014 11:30 PM | Underground Equipment Related | Underground Failure | 234 294 | 4 29 |
| G1988 | 1720796 | 11/3/2014 05:46 AM | Overhead Equipment Related | Malfunction | 114 | 1 |
| G1988 | 1723846 | 11/25/2014 12:11 PM | Overhead Equipment Related | Broken Fuse Link | 85 | 2 |
| G1989 | 1694875 | 6/21/2014 08:22 PM | Weather Related | Lightning | 963 | 5 |
| G1989 | 1726791 | 12/24/2014 07:53 AM | Animal Related | Squirrels | 62 257 | 8 8 |
| G1990 | 1675598 | 1/2/2014 10:29 PM | Underground Equipment Related | Underground Failure | 112 160 180 | 29 13 2 |
| G1990 | 1683298 | 3/27/2014 06:58 PM | Overhead Equipment Related | Malfunction | 196 | 62 |
| G1990 | 1684097 | 3/28/2014 01:54 AM | Intentional (e.g., planned) | Emergency Repairs | 46 | 28 |
| G1990 | 1683898 | 4/3/2014 05:32 AM | Underground Equipment Related | Underground Failure | 66 86 | 12 27 |
| G1990 | 1689671 | 5/23/2014 02:40 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 59 | 11 |
| G1990 | 1692894 | 6/15/2014 10:25 PM | Underground Equipment Related | Underground Failure | 205 325 | 19 9 |
| G1990 | 1693348 | 6/17/2014 06:15 PM | Overhead Equipment Related | Malfunction | 98 | 614 |
| G1990 | 1693347 | 6/18/2014 01:25 AM | Overhead Equipment Related | Malfunction | 2 | 119 |
| G1990 | 1693346 | 6/18/2014 01:26 AM | Overhead Equipment Related | Malfunction | 2 | 29 |
| G1990 | 1694322 * | 6/19/2014 06:53 PM | Public | Dig-in by Others | 966 | 1 |
| G1990 | 1695474 | 6/24/2014 07:22 PM | Weather Related | Lightning | 178 | 29 |
| G1990 | 1695968 | 6/27/2014 07:43 AM | Underground Equipment Related | Underground Failure | 202 224 | 27 12 |
| G1990 | 1701281 | 7/11/2014 12:29 PM | Underground Equipment Related | Underground Failure | 169 | 22 |
| G1990 | 1702181 | 7/15/2014 03:31 PM | Customer | Customer Equipment | 99 | 1 |
| G1990 | 1703698 | 7/26/2014 03:13 PM | Underground Equipment Related | Underground Failure | 152 212 | 12 27 |
| G1990 | 1705551 | 8/8/2014 08:02 AM | Underground Equipment Related | Underground Failure | 117 147 | 21 24 |
| G1990 | 1706432 | 8/15/2014 05:49 AM | Underground Equipment Related | Underground Failure | 109 126 | 12 27 |
| G1990 | 1710680 | 8/31/2014 03:51 PM | Underground Equipment Related | Underground Failure | 48 56 | 12 27 |
| G1990 | 1718733 | 10/17/2014 03:35 AM | Underground Equipment Related | Underground Failure | 130 148 | 9 25 |
| G1990 | 1721924 | 11/11/2014 09:39 AM | Underground Equipment Related | Underground Failure | 113 | 44 |
| G1990 | 1722069 | 11/12/2014 09:22 AM | Overhead Equipment Related | Malfunction | 122 | 51 |
| G1990 | 1722251 | 11/13/2014 01:40 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 30 | 5 |
| G1991 | 1677435 | 1/10/2014 02:19 PM | Intentional (e.g., planned) | Emergency Repairs | 11 | 3 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|------------------------|--------------------|--------------------|
| G1992 | 1686137 | 4/26/2014 07:48 AM | Underground Equipment Related | Underground Failure | 143 | 3 |
| G1992 | 1699546 | 7/1/2014 11:08 AM | Underground Equipment Related | Underground Failure | 3,206 | 3 |
| G1993 | 1680873 | 3/7/2014 11:59 AM | Public | Dig-in by Others | 98 | 23 |
| | | | | | 325 | 18 |
| G1993 | 1687275 | 5/7/2014 09:50 PM | Intentional (e.g., planned) | Emergency Repairs | 10 | 46 |
| G1993 | 1688802 | 5/16/2014 07:58 PM | Underground Equipment Related | Underground Failure | 149 | 2 |
| | | | | | 164 | 30 |
| G1993 | 1690616 | 6/1/2014 05:25 AM | Underground Equipment Related | Underground Failure | 111 | 25 |
| | | | | | 135 | 12 |
| G1993 | 1700319 | 7/4/2014 06:04 PM | Underground Equipment Related | Underground Failure | 94 | 16 |
| G1993 | 1711863 | 9/5/2014 06:29 PM | Underground Equipment Related | Underground Failure | 195 | 25 |
| | | | | | 270 | 8 |
| G1993 | 1716850 | 10/2/2014 05:04 PM | Public | Dig-in by Others | 4 | 1 |
| G1993 | 1719079 | 10/21/2014 03:28 PM | Underground Equipment Related | Underground Failure | 119 | 9 |
| | | | | | 126 | 36 |
| G1995 | 1676235 | 1/8/2014 11:25 AM | Underground Equipment Related | Underground Failure | 72 | 47 |
| | | | | | 104 | 100 |
| G1995 | 1686909 | 5/3/2014 07:54 PM | Underground Equipment Related | Underground Failure | 88 | 41 |
| | | | | | 108 | 98 |
| G1995 | 1689419 | 5/21/2014 11:58 AM | Underground Equipment Related | Underground Failure | 356 | 1 |
| G1995 | 1691386 | 6/5/2014 01:29 PM | Underground Equipment Related | Underground Failure | 386 | 22 |
| G1995 | 1715896 | 9/26/2014 09:03 AM | Underground Equipment Related | Underground Failure | 171 | 1 |
| G1995 | 1716768 | 10/2/2014 10:46 AM | Public | Dig-in by Others | 153 | 12 |
| | | | | | 238 | 75 |
| G1995 | 1719088 | 10/22/2014 06:14 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 80 | 1 |
| G1995 | 1722303 * | 11/13/2014 06:18 PM | Intentional (e.g., planned) | Emergency Repairs | 1 | 1 |
| G1995 | 1722643 | 11/16/2014 04:00 PM | Underground Equipment Related | Malfunction | 255 | 2 |
| | | | | | 785 | 3 |
| G1996 | 1707089 | 8/19/2014 07:29 PM | Underground Equipment Related | Underground Failure | 241 | 1 |
| G1996 | 1718336 | 10/13/2014 07:23 PM | Public | Vehicles | 568 | 1 |
| G1998 | 1685856 | 4/23/2014 12:00 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 269 | 9 |
| G1998 | 1693719 | 6/18/2014 08:07 PM | Weather Related | Lightning | 56 | 503 |
| G1998 | 1694102 | 6/19/2014 02:30 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 30 | 1 |
| G1998 | 1694408 | 6/20/2014 02:15 PM | Tree Related | Tree Contact - Primary | 39 | 307 |
| | | | | | 99 | 1 |
| G1998 | 1694405 | 6/20/2014 02:38 PM | Intentional (e.g., planned) | Emergency Repairs | 8 | 9 |
| | | | | | 16 | 391 |
| G1998 | 1699293 | 6/30/2014 10:20 PM | Tree Related | Limb Broken - Primary | 403 | 258 |
| | | | | | 411 | 9 |
| | | | | | 430 | 325 |
| | | | | | 4,038 | 2 |
| | | | | | 4,042 | 115 |
| G1998 | 1698472 | 7/2/2014 03:48 PM | Tree Related | Limb Broken - Primary | 206 | 1 |
| G1998 | 1702570 | 7/18/2014 10:30 AM | Public | Dig-in by Others | 34 | 594 |
| | | | | | 46 | 113 |
| G1998 | 1720886 * | 11/3/2014 11:47 AM | Public | Dig-in by Others | 165 | 1 |
| G403 | 1689371 | 5/21/2014 02:58 PM | Weather Related | Lightning | 32 | 28 |
| G4072 | 1692823 | 6/15/2014 02:35 PM | Tree Related | Limb Broken - Primary | 49 | 1 |
| G4072 | 1725783 | 12/15/2014 11:17 AM | Unknown | Unknown | 51 | 1 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|------------------------------|--------------------|--------------------|
| G4074 | 1688988 | 5/19/2014 03:36 PM | Underground Equipment Related | Underground Failure | 149 | 32 |
| | | | | | 184 | 34 |
| G4074 | 1698842 | 6/30/2014 07:39 PM | Tree Related | Limb Broken - Primary | 3,836 | 5 |
| G4074 | 1702871 | 7/21/2014 06:45 PM | Underground Equipment Related | Underground Failure | 61 | 13 |
| | | | | | 90 | 25 |
| G4075 | 1691723 | 6/8/2014 11:29 AM | Overhead Equipment Related | Malfunction | 79 | 48 |
| G4075 | 1713487 | 9/10/2014 02:57 AM | Intentional (e.g., planned) | Emergency Repairs | 38 | 51 |
| | | | | | 156 | 1 |
| G4075 | 1716126 | 9/29/2014 10:29 AM | Public | Vehicles | 58 | 51 |
| | | | | | 147 | 1 |
| G4082 | 1678043 | 1/30/2014 08:25 PM | Underground Equipment Related | Underground Failure | 86 | 26 |
| G4082 | 1678758 | 2/13/2014 01:55 AM | Overhead Equipment Related | Malfunction | 8 | 34 |
| G4082 | 1678772 | 2/13/2014 08:01 AM | Underground Equipment Related | Malfunction | 36 | 42 |
| G4082 | 1679903 | 2/20/2014 08:02 PM | Overhead Equipment Related | Malfunction | 158 | 42 |
| G4082 | 1680378 | 2/28/2014 02:09 PM | Underground Equipment Related | Underground Failure | 91 | 50 |
| | | | | | 112 | 17 |
| G4082 | 1682310 | 3/16/2014 04:06 PM | Intentional Scheduled Construction, Maintenance or Repair | Fire Department | 12 | 45 |
| G4082 | 1687673 | 5/10/2014 11:54 AM | Underground Equipment Related | Underground Failure | 111 | 9 |
| G4082 | 1687799 | 5/11/2014 07:21 PM | Weather Related | Lightning | 234 | 792 |
| | | | | | 246 | 180 |
| G4082 | 1687955 | 5/11/2014 11:55 PM | Tree Related | Tree Contact - Primary | 634 | 13 |
| G4082 | 1689425 | 5/20/2014 08:58 PM | Underground Equipment Related | Underground Failure | 715 | 5 |
| | | | | | 1,072 | 6 |
| | | | | | 1,214 | 3 |
| G4082 | 1695410 | 6/24/2014 04:11 AM | Overhead Equipment Related | Malfunction | 35 | 972 |
| G4082 | 1699148 * | 6/30/2014 08:43 PM | Tree Related | Limb Broken - Service Drop | 3,959 | 1 |
| G4082 | 1701528 | 7/12/2014 10:05 AM | Underground Equipment Related | Underground Failure | 735 | 11 |
| | | | | | 775 | 4 |
| G4082 | 1713425 | 9/9/2014 07:10 AM | Underground Equipment Related | Underground Failure | 89 | 35 |
| G4082 | 1715431 | 9/22/2014 01:15 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 70 | 4 |
| G4082 | 1717393 | 10/6/2014 10:40 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 50 | 5 |
| G4082 | 1721668 | 11/8/2014 07:55 PM | Underground Equipment Related | Underground Failure | 249 | 4 |
| G4082 | 1726104 | 12/17/2014 12:35 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 40 | 4 |
| G4082 | 1726403 | 12/19/2014 06:43 PM | Underground Equipment Related | Underground Failure | 122 | 7 |
| G611 | 1697545 | 6/30/2014 07:29 PM | Weather Related | Lightning | 1,398 | 1 |
| G7011 | 1677818 | 1/26/2014 02:25 PM | Underground Equipment Related | Malfunction | 95 | 8 |
| G7011 | 1680507 | 3/3/2014 03:24 AM | Underground Equipment Related | Underground Failure | 84 | 92 |
| G7011 | 1681758 | 3/12/2014 03:16 AM | Weather Related | Ice / Snow | 1,079 | 10 |
| G7011 | 1681612 * | 3/12/2014 06:48 AM | Tree Related | Uprooted Tree - Service Drop | 661 | 1 |
| G7011 | 1681588 * | 3/12/2014 02:34 PM | Tree Related | Uprooted Tree - Service Drop | 168 | 1 |
| G7011 | 1684536 | 4/10/2014 02:08 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 24 | 18 |
| G7011 | 1690433 | 5/30/2014 01:59 AM | Underground Equipment Related | Underground Failure | 172 | 20 |
| | | | | | 182 | 25 |
| G7011 | 1695183 * | 6/23/2014 02:26 PM | Intentional (e.g., planned) | Emergency Repairs | 1 | 1 |
| G7011 | 1698195 * | 7/1/2014 05:24 AM | Tree Related | Limb Broken - Service Drop | 1,896 | 1 |
| G7011 | 1703240 | 7/23/2014 04:18 PM | Underground Equipment Related | Underground Failure | 141 | 69 |



An Exelon Company

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|------------------------------|--------------------|--------------------|
| G7011 | 1717152 | 10/4/2014 07:24 AM | Unknown | Unknown | 39 | 12 |
| G7011 | 1722667 | 11/17/2014 12:07 PM | Tree Related | Tree Contact - Primary | 46 | 12 |
| G7011 | 1727186 | 12/30/2014 04:17 AM | Underground Equipment Related | Underground Failure | 123 137 | 14 79 |
| G7012 | 1675646 | 1/3/2014 11:30 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 50 | 2 |
| G7012 | 1675728 | 1/4/2014 09:50 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 120 | 5 |
| G7012 | 1679981 | 2/22/2014 11:54 PM | Underground Equipment Related | Underground Failure | 230 260 272 | 1 1 1 |
| G7012 | 1689214 | 5/20/2014 08:47 PM | Tree Related | Uprooted Tree - Primary | 462 | 163 |
| G7012 | 1692274 | 6/11/2014 07:04 PM | Overhead Equipment Related | Malfunction | 325 | 1 |
| G7012 | 1693264 | 6/17/2014 11:17 AM | Underground Equipment Related | Underground Failure | 183 | 136 |
| G7012 | 1698348 | 6/30/2014 07:50 PM | Tree Related | Limb Broken - Primary | 2,689 | 70 |
| G7012 | 1698927 | 6/30/2014 08:01 PM | Weather Related | Wind / Tomado | 4,364 | 38 |
| G7012 | 1699397 | 6/30/2014 08:07 PM | Tree Related | Limb Broken - Primary | 4,359 | 2 |
| G7012 | 1699422 | 7/1/2014 11:41 AM | Weather Related | Lightning | 3,424 | 20 |
| G7012 | 1701813 | 7/13/2014 03:35 PM | Intentional (e.g., planned) | Emergency Repairs | 46 | 111 |
| G7012 | 1701833 | 7/13/2014 06:59 PM | Underground Equipment Related | Underground Failure | 423 | 28 |
| G7012 | 1704505 | 7/30/2014 10:10 AM | Underground Equipment Related | Underground Failure | 424 | 2 |
| G7013 | 1676717 | 1/8/2014 07:19 PM | Underground Equipment Related | Underground Failure | 336 521 | 2 1 |
| G7013 | 1681712 | 3/12/2014 05:17 AM | Tree Related | Limb Broken - Primary | 159 | 1,175 |
| G7013 | 1682569 | 3/19/2014 06:55 AM | Overhead Equipment Related | Contamination | 313 | 8 |
| G7013 | 1683178 | 3/27/2014 06:55 AM | Underground Equipment Related | Underground Failure | 47 59 | 4 19 |
| G7013 | 1685964 | 4/24/2014 10:06 PM | Overhead Equipment Related | Malfunction | 133 | 17 |
| G7013 | 1689290 | 5/21/2014 06:47 AM | Weather Related | Lightning | 223 | 60 |
| G7013 | 1691092 * | 6/3/2014 01:35 PM | Tree Related | Tree Contact - Service Drop | 345 | 1 |
| G7013 | 1698989 | 6/30/2014 07:18 PM | Overhead Equipment Related | Malfunction | 3,971 | 44 |
| G7013 | 1699487 | 6/30/2014 10:21 PM | Tree Related | Limb Broken - Primary | 4,449 | 171 |
| G7013 | 1698686 * | 7/1/2014 08:09 AM | Tree Related | Limb Broken - Service Drop | 2,241 | 1 |
| G7013 | 1700341 | 7/7/2014 06:35 AM | Animal Related | Squirrels | 142 | 6 |
| G7013 | 1701561 | 7/12/2014 06:55 PM | Overhead Equipment Related | Malfunction | 395 | 8 |
| G7013 | 1704091 | 7/29/2014 07:49 AM | Customer | Customer Request | 267 | 44 |
| G7013 | 1711313 | 9/3/2014 08:14 AM | Underground Equipment Related | Underground Failure | 960 | 1 |
| G7013 | 1714486 | 9/15/2014 07:24 AM | Overhead Equipment Related | Malfunction | 128 | 1 |
| G7013 | 1715921 | 9/26/2014 03:54 PM | Animal Related | Squirrels | 66 | 11 |
| G7013 | 1720294 * | 10/31/2014 02:49 PM | Tree Related | Limb Broken - Service Drop | 256 | 1 |
| G7013 | 1720494 * | 10/31/2014 07:41 PM | Tree Related | Uprooted Tree - Service Drop | 854 | 1 |
| G7013 | 1721631 | 11/8/2014 08:59 AM | Animal Related | Squirrels | 191 | 1 |
| G7013 | 1723879 | 11/25/2014 02:08 PM | Underground Equipment Related | Malfunction | 108 | 3 |
| G7013 | 1726079 | 12/17/2014 11:03 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 23 | 8 |
| G7013 | 1726704 | 12/23/2014 09:35 AM | Underground Equipment Related | Underground Failure | 101 132 | 16 21 |
| G7014 | 1722502 | 11/15/2014 11:52 AM | Public | Dig-in by Others | 75 | 12 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|------------------------------|--------------------|--------------------|
| G7021 | 1676955 | 1/14/2014 06:03 PM | Underground Equipment Related | Underground Failure | 240 | 7 |
| | | | | | 250 | 28 |
| G7021 | 1679919 | 2/20/2014 08:33 AM | Underground Equipment Related | Underground Failure | 377 | 10 |
| G7021 | 1682205 | 3/14/2014 05:52 AM | Underground Equipment Related | Underground Failure | 457 | 2 |
| G7021 | 1685223 | 4/16/2014 06:11 AM | Underground Equipment Related | Underground Failure | 98 | 46 |
| | | | | | 103 | 7 |
| G7021 | 1686744 | 5/1/2014 04:21 PM | Public | Dig-in by Others | 103 | 6 |
| | | | | | 126 | 1 |
| G7021 | 1692091 | 6/11/2014 12:21 AM | Underground Equipment Related | Underground Failure | 143 | 37 |
| G7021 | 1693064 | 6/16/2014 09:00 PM | Other | Other | 84 | 17 |
| | | | | | 404 | 9 |
| G7021 | 1697920 | 6/30/2014 07:18 PM | Other | Other | 1,691 | 124 |
| G7021 | 1697954 | 6/30/2014 10:21 PM | Overhead Equipment Related | Malfunction | 1,486 | 770 |
| G7021 | 1698772 * | 7/3/2014 05:34 AM | Overhead Equipment Related | Broken Fuse Link | 274 | 1 |
| G7021 | 1701032 | 7/10/2014 09:20 AM | Underground Equipment Related | Underground Failure | 12 | 65 |
| G7021 | 1704329 | 7/30/2014 08:35 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 30 | 4 |
| G7021 | 1716427 | 9/30/2014 05:56 AM | Underground Equipment Related | Underground Failure | 379 | 2 |
| G7022 | 1680964 * | 3/9/2014 05:33 PM | Underground Equipment Related | Underground Failure | 222 | 1 |
| G7022 | 1688031 | 5/12/2014 01:17 AM | Underground Equipment Related | Underground Failure | 731 | 12 |
| | | | | | 743 | 7 |
| G7022 | 1689416 | 5/20/2014 08:56 PM | Tree Related | Limb Broken - Primary | 174 | 24 |
| | | | | | 868 | 15 |
| | | | | | 1,229 | 8 |
| G7022 | 1698142 * | 6/30/2014 09:21 PM | Customer | Customer Equipment | 2,370 | 1 |
| G7022 | 1701633 | 7/13/2014 12:53 AM | Underground Equipment Related | Underground Failure | 192 | 31 |
| | | | | | 378 | 5 |
| G7022 | 1724162 | 11/30/2014 11:43 PM | Underground Equipment Related | Underground Failure | 41 | 10 |
| | | | | | 61 | 8 |
| G7023 | 1678876 | 2/14/2014 06:19 PM | Underground Equipment Related | Underground Failure | 206 | 119 |
| | | | | | 341 | 12 |
| | | | | | 361 | 6 |
| G7023 | 1680668 | 3/4/2014 05:19 PM | Underground Equipment Related | Underground Failure | 116 | 34 |
| | | | | | 146 | 103 |
| G7023 | 1684175 | 4/5/2014 12:15 PM | Underground Equipment Related | Underground Failure | 137 | 26 |
| | | | | | 153 | 8 |
| | | | | | 180 | 103 |
| G7023 | 1689054 | 5/20/2014 10:38 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 152 | 9 |
| G7023 | 1689053 | 5/20/2014 10:51 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 138 | 12 |
| G7023 | 1691185 | 6/4/2014 10:04 AM | Underground Equipment Related | Underground Failure | 70 | 1 |
| | | | | | 110 | 56 |
| G7023 | 1694366 | 6/20/2014 11:05 AM | Underground Equipment Related | Malfunction | 124 | 8 |
| G7023 | 1697151 | 6/30/2014 10:16 PM | Tree Related | Limb Broken - Primary | 142 | 1,283 |
| G7023 | 1716889 | 10/2/2014 09:11 PM | Underground Equipment Related | Underground Failure | 96 | 39 |
| | | | | | 118 | 41 |
| | | | | | 148 | 35 |
| | | | | | 175 | 21 |
| G7023 | 1719009 * | 10/21/2014 08:33 AM | ComEd/Contractor Personnel-Errors | Accident by ComEd Contractor | 172 | 1 |
| G7023 | 1720521 * | 10/31/2014 01:34 PM | Public | Vehicles | 1,286 | 1 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|----------------------------|--------------------|--------------------|
| G7023 | 1720637 | 11/1/2014 12:32 AM | Underground Equipment Related | Malfunction | 407 | 21 |
| | | | | | 732 | 6 |
| | | | | | 747 | 6 |
| G7024 | 1678776 | 2/13/2014 12:07 AM | Underground Equipment Related | Underground Failure | 135 | 8 |
| | | | | | 313 | 12 |
| G7024 | 1678790 | 2/13/2014 07:57 AM | Underground Equipment Related | Malfunction | 327 | 12 |
| G7024 | 1681828 * | 3/12/2014 05:22 AM | Weather Related | Ice / Snow | 1,233 | 1 |
| G7024 | 1681771 * | 3/12/2014 07:22 AM | Tree Related | Limb Broken - Service Drop | 833 | 1 |
| G7024 | 1682317 | 3/16/2014 02:22 PM | Underground Equipment Related | Underground Failure | 137 | 78 |
| | | | | | 161 | 6 |
| G7024 | 1682736 | 3/20/2014 08:44 AM | Public | Vehicles | 443 | 1 |
| G7024 | 1684000 | 4/3/2014 03:37 PM | Underground Equipment Related | Underground Failure | 71 | 18 |
| G7024 | 1685573 | 4/20/2014 06:31 PM | Underground Equipment Related | Underground Failure | 44 | 18 |
| | | | | | 84 | 2 |
| G7024 | 1685851 | 4/23/2014 07:55 AM | Underground Equipment Related | Underground Failure | 140 | 18 |
| G7024 | 1687923 | 5/11/2014 07:11 PM | Underground Equipment Related | Underground Failure | 856 | 22 |
| G7024 | 1687903 | 5/11/2014 07:16 PM | Underground Equipment Related | Underground Failure | 756 | 38 |
| G7024 | 1689042 | 5/20/2014 11:15 AM | Intentional Scheduled Construction, Maintenance or Repair | Restore Back to Normal | 1 | 18 |
| G7024 | 1689340 | 5/20/2014 08:45 PM | Tree Related | Limb Broken - Primary | 989 | 26 |
| | | | | | 994 | 18 |
| G7024 | 1689361 * | 5/20/2014 09:36 PM | Tree Related | Limb Broken - Service Drop | 1,044 | 1 |
| G7024 | 1690254 | 5/28/2014 02:28 PM | Intentional (e.g., planned) | Emergency Repairs | 11 | 40 |
| G7024 | 1691861 | 6/9/2014 01:50 PM | Underground Equipment Related | Underground Failure | 17 | 40 |
| G7024 | 1693336 | 6/17/2014 08:45 PM | Overhead Equipment Related | Malfunction | 183 | 133 |
| G7024 | 1695851 | 6/26/2014 12:59 PM | Underground Equipment Related | Underground Failure | 6 | 1,231 |
| | | | | | 18 | 691 |
| | | | | | 36 | 520 |
| | | | | | 45 | 48 |
| G7024 | 1697897 | 6/30/2014 08:20 AM | Underground Equipment Related | Underground Failure | 594 | 1 |
| | | | | | 191 | 16 |
| | | | | | 245 | 1 |
| | | | | | 261 | 17 |
| G7024 | 1698069 | 6/30/2014 10:07 PM | Tree Related | Limb Broken - Primary | 2,241 | 90 |
| | | | | | 3,723 | 16 |
| | | | | | 152 | 52 |
| | | | | | 191 | 16 |
| G7024 | 1699162 | 6/30/2014 10:56 PM | Tree Related | Limb Broken - Primary | 248 | 12 |
| | | | | | 282 | 18 |
| | | | | | 298 | 6 |
| | | | | | 563 | 6 |
| G7024 | 1712537 | 9/7/2014 02:42 AM | Underground Equipment Related | Underground Failure | 157 | 24 |
| | | | | | 188 | 3 |
| G7024 | 1715429 | 9/22/2014 02:34 PM | Intentional Scheduled Construction, Maintenance or Repair | Restore Back to Normal | 2 | 17 |
| G7024 | 1718734 | 10/17/2014 12:33 PM | Underground Equipment Related | Underground Failure | 92 | 13 |
| | | | | | 117 | 38 |
| G7024 | 1721846 | 11/10/2014 08:50 AM | Customer | Customer Request | 475 | 16 |
| G7024 | 1721923 | 11/11/2014 07:20 AM | Underground Equipment Related | Underground Failure | 130 | 5 |
| | | | | | 155 | 7 |
| G7024 | 1722407 | 11/14/2014 11:20 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 140 | 17 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|--------------------------------|--------------------|--------------------|
| G7024 | 1724011 | 11/26/2014 10:05 PM | Underground Equipment Related | Underground Failure | 114 | 34 |
| | | | | | 149 | 13 |
| G7024 | 1725286 | 12/10/2014 03:33 AM | Underground Equipment Related | Underground Failure | 128 | 39 |
| G7024 | 1726648 | 12/22/2014 11:50 PM | Underground Equipment Related | Underground Failure | 60 | 20 |
| J1670 | 1687881 | 5/11/2014 06:30 PM | Weather Related | Lightning | 649 | 4 |
| J1670 | 1693989 | 6/19/2014 08:56 AM | Animal Related | Squirrels | 164 | 4 |
| J1670 | 1694832 | 6/21/2014 06:24 PM | Underground Equipment Related | Malfunction | 931 | 49 |
| J1670 | 1700016 | 6/30/2014 02:00 PM | ComEd/Contractor Personnel-Errors | Dig-in by ComEd Contractor | 6,209 | 10 |
| J1670 | 1698817 | 6/30/2014 07:48 PM | Weather Related | Lightning | 3,786 | 4 |
| | | | | | 3,904 | 5 |
| | | | | | 4,380 | 2 |
| J1670 | 1704182 | 7/29/2014 03:28 PM | Underground Equipment Related | Underground Failure | 257 | 2 |
| J1670 | 1713108 | 9/8/2014 11:20 AM | Overhead Equipment Related | Malfunction | 220 | 31 |
| J1670 | 1717855 | 10/10/2014 09:30 AM | Underground Equipment Related | Underground Failure | 134 | 20 |
| | | | | | 169 | 11 |
| J1670 | 1724827 * | 12/5/2014 10:26 AM | Public | Dig-in by Others | 256 | 1 |
| J1670 | 1725789 | 12/15/2014 12:47 PM | Underground Equipment Related | Underground Failure | 79 | 29 |
| | | | | | 93 | 5 |
| J1671 | 1677577 | 1/24/2014 11:50 AM | Intentional (e.g., planned) | Emergency Repairs | 6 | 63 |
| J1671 | 1698734 | 6/30/2014 10:13 PM | Weather Related | Lightning | 27 | 18 |
| | | | | | 264 | 3 |
| J1671 | 1698594 | 7/1/2014 02:47 AM | Tree Related | Limb Broken - Primary | 2,450 | 2 |
| J1671 | 1701975 | 7/12/2014 09:55 AM | Overhead Equipment Related | Malfunction | 70 | 18 |
| | | | | | 151 | 3 |
| J1671 | 1716928 | 10/3/2014 06:14 AM | Tree Related | Limb Broken - Primary | 76 | 2 |
| J1671 | 1723262 | 11/22/2014 09:01 AM | Customer | Customer Request | 3 | 8 |
| J1676 | 1676626 | 1/11/2014 04:17 AM | Underground Equipment Related | Underground Failure | 212 | 4 |
| J1676 | 1679188 | 2/19/2014 01:49 AM | Underground Equipment Related | Underground Failure | 166 | 4 |
| J1676 | 1680792 | 3/6/2014 06:33 PM | Underground Equipment Related | Underground Failure | 85 | 4 |
| | | | | | 107 | 19 |
| J1676 | 1681744 * | 3/12/2014 12:16 PM | Unknown | Unknown | 511 | 1 |
| J1676 | 1706613 | 8/16/2014 05:54 PM | Public | Vehicles | 516 | 1 |
| J1676 | 1723557 | 11/24/2014 08:42 AM | Underground Equipment Related | Underground Failure | 156 | 7 |
| J1677 | 1690599 | 5/31/2014 06:37 PM | Public | Vehicles | 35 | 41 |
| J1677 | 1697965 | 6/30/2014 10:12 PM | Weather Related | Wind / Tomado | 362 | 41 |
| J1677 | 1717717 | 10/8/2014 08:30 AM | Underground Equipment Related | Underground Failure | 75 | 41 |
| J1678 | 1681994 | 3/13/2014 01:01 PM | Intentional (e.g., planned) | Protection of System Integrity | 49 | 8 |
| J1678 | 1682087 | 3/13/2014 07:39 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 88 | 46 |
| J1678 | 1689337 | 5/20/2014 11:54 PM | Weather Related | Lightning | 815 | 4 |
| J1678 | 1690755 | 6/1/2014 11:39 PM | Underground Equipment Related | Underground Failure | 76 | 4 |
| | | | | | 106 | 37 |
| J1678 | 1697272 * | 6/30/2014 07:22 PM | Other | Other | 1,088 | 1 |
| J1678 | 1698806 | 6/30/2014 10:24 PM | Weather Related | Lightning | 3,595 | 49 |
| J1678 | 1698809 | 7/1/2014 12:26 AM | Tree Related | Limb Broken - Primary | 3,438 | 51 |
| J1678 | 1701387 | 7/12/2014 07:39 AM | Overhead Equipment Related | Malfunction | 162 | 30 |
| | | | | | 175 | 19 |
| J1678 | 1701512 | 7/12/2014 01:48 PM | Underground Equipment Related | Underground Failure | 385 | 8 |
| | | | | | 422 | 11 |

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|------------------------|---------------------|--------------------|
| J1678 | 1713197 | 9/8/2014 11:21 AM | Underground Equipment Related | Underground Failure | 162 714 | 35 6 |
| J1679 | 1684530 | 4/10/2014 01:51 PM | Unknown | Unknown | 8 | 692 |
| J1679 | 1693511 | 6/17/2014 06:51 PM | Underground Equipment Related | Malfunction | 533 733 1,135 | 80 15 8 |
| J1679 | 1698257 | 6/30/2014 07:48 PM | Weather Related | Lightning | 2,592 | 87 |
| J1679 | 1699470 | 6/30/2014 10:36 PM | Weather Related | Wind / Tornado | 978 | 501 |
| J1680 | 1686714 | 5/1/2014 09:34 AM | Underground Equipment Related | Underground Failure | 96 | 2 |
| J1680 | 1689217 | 5/20/2014 08:45 PM | Underground Equipment Related | Underground Failure | 435 | 27 |
| J1680 | 1689410 | 5/20/2014 09:02 PM | Weather Related | Lightning | 1,258 | 1 |
| J1680 | 1692142 | 5/21/2014 01:41 PM | Weather Related | Lightning | 101 | 2 |
| J1680 | 1706653 | 8/17/2014 04:46 PM | Underground Equipment Related | Underground Failure | 183 | 2 |
| J1680 | 1714971 | 9/18/2014 04:41 PM | Animal Related | Snakes | 118 | 2 |
| J1680 | 1724090 | 11/29/2014 03:24 AM | Underground Equipment Related | Underground Failure | 143 | 2 |
| J1682 | 1676706 | 1/11/2014 05:45 PM | Underground Equipment Related | Underground Failure | 44 | 26 |
| J1682 | 1689954 | 5/26/2014 05:53 AM | Underground Equipment Related | Underground Failure | 229 | 11 |
| J1682 | 1689956 | 5/26/2014 05:08 PM | Intentional Scheduled Construction, Maintenance or Repair | Restore Back to Normal | 20 | 11 |
| J1682 | 1691533 | 6/6/2014 01:28 PM | Underground Equipment Related | Malfunction | 94 101 437 | 10 10 3 |
| J1682 | 1696363 | 6/29/2014 06:27 PM | Underground Equipment Related | Malfunction | 137 467 | 18 5 |
| J1682 | 1697181 | 6/30/2014 10:15 PM | Weather Related | Lightning | 28 | 682 |
| J1682 | 1697268 * | 6/30/2014 10:45 PM | Other | Other | 924 | 1 |
| J1682 | 1699742 | 6/30/2014 11:00 PM | Tree Related | Limb Broken - Primary | 5,099 | 3 |
| J1682 | 1702480 | 7/17/2014 07:45 AM | Underground Equipment Related | Underground Failure | 90 155 | 7 36 |
| J1682 | 1706614 | 8/17/2014 12:40 AM | Public | Vehicles | 110 | 3 |
| J1682 | 1709650 | 8/26/2014 12:26 PM | Underground Equipment Related | Underground Failure | 107 131 134 | 7 11 25 |
| J1682 | 1710714 | 9/1/2014 09:53 AM | Intentional (e.g., planned) | Emergency Repairs | 10 | 46 |
| J1682 | 1720919 | 11/3/2014 05:32 PM | Intentional (e.g., planned) | Emergency Repairs | 28 | 181 |
| J1682 | 1726450 | 12/21/2014 02:33 AM | Underground Equipment Related | Underground Failure | 87 | 20 |
| J1682 | 1726812 | 12/24/2014 10:29 PM | Underground Equipment Related | Underground Failure | 110 222 | 36 7 |
| J1689 | 1679019 | 2/17/2014 04:24 PM | Intentional (e.g., planned) | Emergency Repairs | 19 | 62 |
| J1689 | 1701969 | 7/12/2014 11:41 AM | Intentional (e.g., planned) | Emergency Repairs | 11 | 61 |
| J1690 | 1682403 | 3/17/2014 10:47 AM | Overhead Equipment Related | Malfunction | 412 | 1 |
| J1690 | 1700032 | 6/30/2014 10:22 PM | Weather Related | Lightning | 884 | 20 |
| J1690 | 1727083 | 12/29/2014 11:19 AM | Public | Vehicles | 76 | 2 |
| J5123 | 1677793 | 1/27/2014 07:10 AM | Overhead Equipment Related | Malfunction | 212 | 8 |
| J5123 | 1679245 | 2/19/2014 04:17 PM | Underground Equipment Related | Underground Failure | 93 130 | 16 33 |
| J5123 | 1680978 | 3/10/2014 09:19 AM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 7 | 8 |
| J5123 | 1702866 | 7/21/2014 04:38 PM | Overhead Equipment Related | Malfunction | 146 | 1 |
| J5123 | 1706465 | 8/15/2014 05:23 AM | Underground Equipment Related | Malfunction | 546 | 12 |



An Exelon Company

Interruption Report

* Service / Secondary Interruption

| Circuit | Interruption ID | Start Date/Time | Cause of Interruption | Cause Detail | Duration (minutes) | Customers Affected |
|---------|-----------------|---------------------|---|-----------------------|------------------------------|--------------------|
| J5123 | 1706441 | 8/15/2014 09:40 AM | Unknown | Unknown | 5 | 97 |
| J5153 | 1680945 | 3/8/2014 06:12 PM | Overhead Equipment Related | Malfunction | 130 150 912 | 35 16 9 |
| J5153 | 1685351 | 4/17/2014 07:06 AM | Underground Equipment Related | Underground Failure | 152 174 | 5 5 |
| J5153 | 1685787 | 4/21/2014 04:27 PM | Underground Equipment Related | Underground Failure | 534 762 1,079 1,120 | 1 4 1 1 |
| J5153 | 1685679 | 4/22/2014 08:37 AM | ComEd/Contractor Personnel-Errors | Switching Error | 28 | 9 |
| J5153 | 1700181 | 6/30/2014 10:18 PM | Weather Related | Wind / Tomado | 1,284 | 582 |
| J5153 | 1702315 | 7/16/2014 12:36 PM | Overhead Equipment Related | Malfunction | 64 | 149 |
| J5153 | 1702819 | 7/20/2014 09:21 PM | Underground Equipment Related | Malfunction | 673 | 6 |
| J5153 | 1717872 | 10/10/2014 12:31 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 74 | 13 |
| J5153 | 1720373 | 10/31/2014 11:03 AM | Overhead Equipment Related | Malfunction | 37 81 | 408 179 |
| J5154 | 1681223 | 3/12/2014 03:12 AM | Weather Related | Ice / Snow | 301 | 1 |
| J5154 | 1681990 | 3/12/2014 09:52 AM | Tree Related | Limb Broken - Primary | 1,546 | 1 |
| J5154 | 1721834 | 11/10/2014 01:45 PM | Overhead Equipment Related | Malfunction | 79 | 1 |
| J5184 | 1721447 | 11/6/2014 04:09 PM | Intentional Scheduled Construction, Maintenance or Repair | Maintenance Switching | 151 | 1 |

Glossary of Interruption Causes Utilized in Interruption Summary Report

For purposes of this Annual Report only, the following interruption cause code category definitions, that are reflected in Section 411.20 of the Illinois Administrative Code, are set out below. Regardless of the category description and the tables herein, all or some of the cause codes identified below may be the result or consequence of severe weather conditions.

Animal Related – interruptions due to any type of wild or domesticated animal causing damage to material or equipment or making contact with energized material or equipment resulting in a short-circuit. It must be apparent upon a normal field inspection that an animal was the root cause of the interruption.

ComEd/Contractor Personnel Errors – interruptions categorized by one of the following descriptions:

- Accident – interruptions resulting from accidental actions made by ComEd Personnel or ComEd Contractors; for example, overhead conductors making contact with replacement conductors during repairs.
- Dig-in – interruptions caused by ComEd Personnel or ComEd Contractors making contact with underground cable while digging.
- Error – interruptions caused by ComEd or ComEd Contractors while performing switching, testing or other duties.

Customer Related – interruptions typically caused by failure of customer-owned equipment, interruption by service/tariff contract, access to equipment denied, non-payment of bill, at the customer's request, or a customer who tampered with their electrical service.

Intentional – interruptions categorized by one of the following descriptions:

- Emergency Repairs – pre-determined interruptions which do not fall into the timely notification limits of Intentional Scheduled. For example, a circuit breaker is opened to remove a metallic balloon from the electrical lines, or an interruption caused by the request of a fire department.
- Protection of System Integrity – interruptions ComEd determines necessary to protect the system from overload and/or to maintain system stability.
- Scheduled Construction, Maintenance, or Repair – interruptions for which the time and duration of the interruption can be pre-determined and permits timely notification of affected customers. For example, ComEd may get a request from a Municipal Authority or Fire Department to remove power to a building or ComEd may need to perform maintenance switching in order to complete a scheduled repair on the electric distribution system.

Other – interruptions that either do not fit into existing cause categories or occur so infrequently that it requires them to be grouped together to be counted.

Other Alternative Retail Electric Supplier/Other Utility – interruptions caused by an Alternative Retail Electric Supplier or another utility.

Overhead Equipment Related – interruptions categorized by one of the following descriptions:

- Broken Fuse Link – interruptions caused by a fuse link not related to an overcurrent situation. When this occurs, the fuse will break usually near the end of the fuse link where it exits the fuse tube and is bolted to the assembly. Since the fuse link has physically broken, rather than melted from an overcurrent situation, it can generally be found intact.
- Contamination – interruptions due to build up of airborne particles and other impurities that affect the operational design specifications of material or equipment.
- Malfunction – interruptions from material or equipment failure

Public – interruptions categorized by one of the following descriptions:

- Accident by Others – interruptions caused by accidents such as a crane making contact with the overhead wires, a plane hitting the overhead wires, etc.
- Dig-in by Others – interruptions caused by anyone other than ComEd personnel or ComEd contractor making contact with underground cable when digging.
- Fire – interruptions caused by a public fire such as a house fire that damages ComEd equipment.
- Foreign Object – interruptions caused by a foreign object, such as a kite or metallic balloon.
- Vandalism – interruptions due to willful damage of ComEd equipment.
- Vehicles – interruptions caused by a public vehicle, such as a vehicle striking a pole.

Glossary of Interruption Causes Utilized in Interruption Summary Report

For purposes of this Annual Report only, the following interruption cause code category definitions, that are reflected in Section 411.20 of the Illinois Administrative Code, are set out below. Regardless of the category description and the tables herein, all or some of the cause codes identified below may be the result or consequence of severe weather conditions.

Transmission and Substation Equipment Related – interruptions categorized by one of the following descriptions:

- Contamination – interruptions due to build up of particles and other impurities that affect the operational design specifications of material or equipment.
- Substation Equipment – interruptions occurring on equipment inside ComEd's substation property, such as transformers and circuit breakers.
- Transmission System Interruption – interruptions occurring on transmission system (including high-voltage distribution) equipment.

Tree Related – interruptions categorized by one of the following descriptions:

- Broken Limb – interruptions where large limbs, branches, or vegetation debris have been broken, caused by wind, lightning, ice, snow, etc. and have come in direct contact with overhead wires.
- Tree Contact – interruptions that occur due to trees contacting overhead wires. This is intended to mean locations where limbs, which are not broken, have come in direct contact with overhead wires, including if the contact is caused by wind, lightning, ice, snow, etc.
- Uprooted Tree – interruptions where trees have been uprooted due to wind, lightning, ice, snow, etc. and have contacted overhead wire.

Underground Equipment Related – interruptions categorized by one of the following descriptions:

- Contamination – interruptions due to build up of airborne particles and other impurities that affect the operational design specifications of material or equipment.
- Malfunction – interruptions from material or equipment failure.
- Underground Failure – interruptions caused when an underground cable or associated equipment fails.

Unknown – interruptions whose causes could not be determined after reasonable investigation.

Weather Related – interruptions categorized by one of the following descriptions:

- Extreme Cold – interruptions during an extended period of low temperature that impacts the normal operation of electrical equipment.
- Extreme Heat – interruptions during an extended period of high temperature and humidity that impacts the normal operation of electrical equipment.
- Flooding – interruptions caused by an overflowing of water onto an area that is normally dry.
- Ice/Snow – interruptions where it can be determined that the ice or snow on overhead wires or poles is the primary contributing factor.
- Lightning – interruptions during a lightning storm where it is believed that the primary cause of the interruption was lightning.
- Wind/Tornado – interruptions where it appears that the facilities themselves were damaged by high wind damaging.

ComEd System AMI Plan and Deployment

EIMA and AMI Overview

The Energy Infrastructure Modernization Act (“EIMA”) provides the blueprint for Illinois electric utilities, working with the Illinois Commerce Commission (“ICC”) and stakeholders, to accomplish a decade-long transformation. EIMA establishes policies and goals, calls for utilities to make the investments necessary to achieve them, defines investment timetables and performance metrics to measure that achievement, and provides the means to fund those investments.

Foremost among the actions called for by EIMA is the deployment of Smart Grid technologies, including AMI meters planned to be deployed to all ComEd customers. ComEd shares the view that these Smart Grid technologies hold great promise to benefit customers by promoting improved reliability, operational efficiency, and improved customer service. Advanced Metering Infrastructure (“AMI”) and the Smart Grid will also provide customers with newfound levels of control over their own energy use and, ultimately, the ability to lower total energy costs. Smart Grid technologies can also benefit the entire State by promoting greater energy efficiency, assisting the market by enabling other innovative technologies (such as electric vehicles), and assisting in job creation.

The successful and cost-beneficial deployment of AMI is essential to the development of a mature Smart Grid. AMI significantly contributes to a fully functioning Smart Grid by enabling the measurement of energy use at or near the time of use, and the ability to communicate and interact in real time with other systems and devices. Operational efficiencies that AMI provides are also an important share of the delivery cost savings that a mature Smart Grid can deliver. A robust AMI communication system permits meters to interact directly with other utility systems, enabling reliability and improved efficiency of operations. The benefits and shared savings that are enabled by the installation of AMI meters and supporting technology throughout ComEd’s service territory benefit the entire service territory, and lay the foundation for more reliable, safe, and efficient delivery of electricity for customers.

Revised AMI Plan – Commission Approval of Accelerated Meter Deployment Schedule

With the Illinois Commerce Commission’s approval of ComEd’s petition for acceleration of meter deployment by its Order dated June 11, 2014 in Docket No. 14-0212, ComEd’s AMI meter deployment will be complete by 2018, three years ahead of the previously proposed completion date. This accelerated deployment schedule replaced the previously approved deployment schedule under ComEd’s AMI Plan, which had AMI meter deployment starting in 2013 and concluding in 2021. Deployment acceleration will allow many customers to realize AMI meter benefits sooner than originally planned, enabling customers to receive more reliable service and obtain better control over their energy use.

AMI Deployment Progress and Related Benefits

In 2014, ComEd deployed AMI meters in the Maywood, Chicago South, Glenbard, Mount Prospect, and Chicago North operating centers. Throughout the year, ComEd successfully installed 540,744 AMI meters, exceeding the accelerated 2014 target of 500,000 installations. Including installations completed in 2013, as well as the AMI Pilot area installations, the total number of AMI meters deployed in the ComEd service territory was 739,483 as of December 31, 2014.

A continued focus for ComEd is ensuring customer safety. In April 2014, ComEd became the first Electric Utility in the United States to require an Underwriters Laboratory (“UL”) product certification for the AMI meters deployed within its service territory. In doing so, ComEd went above and beyond industry standards and demonstrated the importance of and priority on the safety of customers. Additionally, licensed electricians proactively completed minor repairs, when prudent, to customer meter bases and associated meter base components to ensure the safe installation of AMI meters.

Throughout 2014 ComEd and customers increasingly began to realize the business case benefits that drive the sustainable long-term value of the AMI program. These benefits included reduction in consumption on inactive meters (“CIM”), unaccounted for energy (“UFE”), and bad debt, all of which represent savings that are socialized to all ComEd customers. A reduction in the number of estimated customer bills was also achieved in 2014 due, in part, to an improved meter read rate resulting from AMI technology deployment. Operational benefits were also realized in 2014, including more efficient utilization of field resources, via a reduction in truck rolls required for outage tickets due to remote network monitoring capabilities, and improved management of field orders required for investigations due to meter flags and alerts that are remotely monitored by the AMI Operations team.

The ComEd AMI program also helped to stimulate the local economy through jobs creation in 2014. ComEd partnered with both of its major vendors, General Electric (“GE”) and Silver Spring Networks (“SSN”), to open local facilities in Chicago to support the program, adding numerous full time local high-tech and manufacturing employment opportunities for Illinois residents. Additional jobs have also been created locally via ComEd’s AMI program, including meter installers, electricians, supervisors, project managers, IT analysts, and engineers. These new and dynamic employment opportunities have benefited both internal ComEd resources and external contractors. Not a single job loss for a ComEd employee was experienced as a result of the program and each of the contractors selected by ComEd were in alignment with an ongoing commitment to working with minority, women, and veteran-owned business enterprises.

Accelerated 7-Year Deployment Plan

ComEd submitted an updated AMI Plan with its 2015 Annual Implementation Progress Report (“AIPR”) that contained an upward adjustment to the AMI meter deployment volume planned for 2015 to recognize and incorporate into the AMI Plan the increased meter installation efficiency achieved by the AMI team during 2014 (with a corresponding downward adjustment to installation volumes planned for the 2018 ramp down period). The deployment schedule by operating center is provided below and includes meters installed as part of the Pilot program. The overall meter count for the deployment is 4,157,000 (this includes the AMI meters already installed in the field via the AMI pilot). Note: these meter counts do not take into account estimated meter growth of approximately 20,000 meters per year which includes AMI meters.

ComEd System AMI Plan and Deployment Meter Deployment Rollout – Accelerated Plan

| Year | Smart Meter Deployment | Operating Center(s) |
|--------------------|------------------------|--|
| 2013 | 70,882 ¹ | Maywood |
| 2014 | 540,744 ¹ | Maywood, Chicago South, Glenbard, Mount Prospect |
| 2015 | 984,617 | Maywood ² , Chicago South, Glenbard ² , Mount Prospect, Chicago North, Crestwood |
| 2016 | 930,000 | Chicago North, Mount Prospect, Skokie, Aurora, Crestwood, Bolingbrook |
| 2017 | 930,000 | Chicago North, Joliet, Aurora, Elgin, Libertyville, Bolingbrook, University Park |
| 2018 | 572,757 | Joliet, Elgin, Crystal Lake, Dixon, Libertyville, Rockford, DeKalb, Streator, Freeport |
| Total | 4,029,000 | |
| Pilot | 128,000 | AMI Pilot program including meters installed between 2009 and mid-2013 |
| Grand Total | 4,157,000 | |

¹ Represents the actual number of meters installed in 2013 and 2014. A projection of the number of meters to be installed is provided for 2015 – 2018.

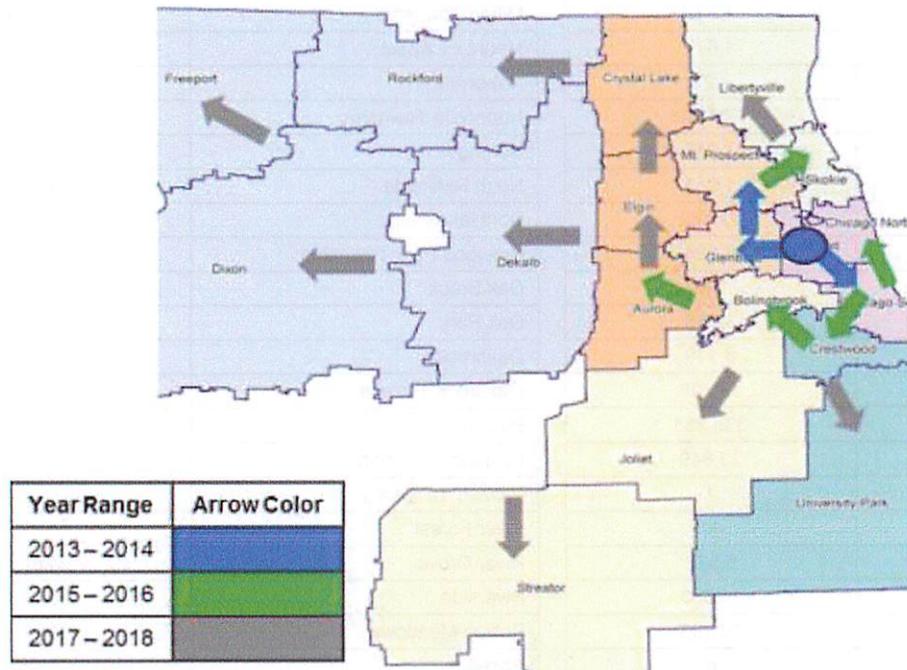
² Represents meter installations that were skipped from 2013 - 2014 that must be re-visited in 2015 (Large CI, A-base, other meter types)

Meter Deployment Rollout

| AMI Meter Deployment Rollout | Actual AMI Meters Installed through December 31, 2014 | AMI Meter Deployment Rollout | Actual AMI Meters Installed through December 31, 2014 |
|------------------------------|---|--|---|
| Addison | 12,460 | Melrose Park | 10,611 |
| Addison Township | 1,313 | Milton Township | 5,899 |
| Arlington Heights | 1,677 | Mount Prospect | 255 |
| Bartlett | 2 | Naperville | 10 |
| Bellwood | 7,132 | Naperville Township | 9 |
| Bensenville | 7,015 | Norridge | 6,125 |
| Berkeley | 1,941 | North Riverside | 3,069 |
| Berwyn | 22,140 | Northlake | 4,151 |
| Bloomingtondale | 8,598 | Norwood Park Township | 338 |
| Bloomingtondale Township | 996 | Oak Brook | 1,009 |
| Broadview | 3,989 | Oak Park | 26,840 |
| Brookfield | 8,119 | Oakbrook | 1,661 |
| Carol Stream | 13,698 | Oakbrook Terrace | 1,238 |
| Chicago | 335,258 | Palatine | 3,312 |
| Cicero | 23,849 | Palatine Township | 759 |
| Crestwood | 1 | Proviso Township | 125 |
| Elk Grove Township | 41 | River Forest | 4,677 |
| Elk Grove Village | 5,532 | River Grove | 4,650 |
| Elmhurst | 14,563 | Riverside | 3,688 |
| Elmwood Park | 10,493 | Rolling Meadows | 1,792 |
| Eola | 6 | Roselle | 8,437 |
| Forest Park | 9,106 | Rosemont | 1,964 |
| Forestview | 271 | Schaumburg | 11,278 |
| Franklin Park | 6,562 | Schaumburg Township | 2 |
| Glen Ellyn | 11,032 | Schiller Park | 4,974 |
| Glendale Heights | 11,632 | Stickney | 2,343 |
| Harwood Heights | 3,785 | Stickney Township | 171 |
| Hillside | 3,147 | Stone Park | 1,336 |
| Hoffman Estates | 4 | Villa Park | 8,369 |
| Inverness | 9 | Warrenville | 4,875 |
| Itasca | 3,364 | Wayne Township | 767 |
| Kildeer | 1 | West Chicago | 7,715 |
| La Grange | 1 | Westchester | 7,393 |
| La Grange Park | 4,905 | Wheaton | 19,682 |
| Leyden Township | 2,188 | Winfield | 3,374 |
| Lisle Township | 13 | Winfield Township | 1,744 |
| Lombard | 17,714 | Wood Dale | 5,433 |
| Lyons | 4,511 | York Township | 2,131 |
| Maywood | 9,604 | Total Meters Installed in ComEd Service Territory | 739,483 |
| Medinah | 605 | | |

Meter Deployment Rollout – Current Plan Map

The accelerated deployment sequence is generally depicted in the figure below, showing that the deployment continues to progress in a clockwise fashion and will conclude with the outlying rural areas.



On June 11, 2014, the Illinois Commerce Commission approved ComEd's proposal to further accelerated AMI meter deployment in ICC Docket No. 14-0212. The timing and prioritization of the deployment may change as the plan progresses.

C. Customer Service Report

ComEd Outage Map: www.ComEd.com/Map



ComEd System Customer Service Report

Call Center Metrics

| Term | Definition |
|--|---|
| Abandoned Call Rate | The percentage of customers that call the utility's customer call center that hang up before their call is answered. Abandoned rate is calculated by dividing the number of calls abandoned (customer hangs up) by the total number of calls offered (expressed as a percentage). The Administrative Code provides that "the abandon rate for calls placed to the call center shall not exceed 10%." |
| Average Call Handle Time (in seconds) | The average duration of phone calls handled by Customer Service Representatives (CSRs). The average call handle time is expressed in seconds per call and is calculated by dividing the total time CSRs spent handling calls by the number of calls handled. |
| Average Speed to Answer (ASA) | Average speed to answer a phone call. "Answer time" means a measurement from the point the last digit of the entity's telephone number is dialed or, if a menu-driven system is used, from the point the last menu digit is dialed by the subscriber and the call is answered by the entity. ASA is expressed in seconds per call and is calculated by dividing the total time calls waited to be answered by the total number of calls answered. The Illinois Administrative Code provides that "the average answer time for calls placed to the call center shall not exceed 60 seconds where a representative or automated system is ready to render assistance and/or accept information to process calls." |
| Rate of calls answered by CSR vs. VRU | Percent of total offered calls answered by Customer Service Representatives (CSR) vs. Voice Response Units (VRUs) (i.e. Periphonics, Speech recognition and Powerline). |

| Year | Average Speed to Answer "ASA" (In Seconds) | Rate of Calls Answered by CSR vs. VRU | | Abandoned Call Rate | Average Call Handle Time (In Seconds) |
|------|--|---------------------------------------|-------|---------------------|---------------------------------------|
| | | (CSR) | (VRU) | | |
| 2014 | 13.3 | 52.3% | 47.7% | 2.2% | 285 |
| 2013 | 25.4 | 52.5% | 47.5% | 3.0% | 278 |
| 2012 | 55.6 | 47.9% | 52.1% | 5.4% | 270 |
| 2011 | 101.5 | 49.2% | 50.8% | 8.2% | 256 |
| 2010 | 162.4 | 55.6% | 44.4% | 11.6% | 272 |

eChannels Metrics

| Term | Definition |
|---|--|
| ComEd.com transactions (overall) | Web & mobile site transactions (i.e., Completed Forms or Retrieval of information that would otherwise require a call to the call center - Auto Pay, Pay Bill, View Bill, Report an Outage, Outage Status, Start/Stop/Move, etc.). |
| Facebook Fans | The number of people who have "Liked" ComEd's page on Facebook. |
| Mentions of ComEd online | Any mentions of ComEd in online communications, including Twitter, Facebook, blogs, video/photo sites, traditional news sites, and other social media platforms. |
| Mobile App transactions | Transactions completed within the mobile app (Report an Outage, Outage Status, Auto Pay, Pay Bill, View Bill, Report Meter Reading, Budget Bill, etc.). |
| Outage Alerts transactions | Outage Alert transactions are the text messages that a subscriber receives during an interruption. |
| Twitter Followers | The number of people "following" ComEd on Twitter. |

| Year | ComEd.com Transactions (overall) | Mobile App Transactions | Outage Alerts Transactions | Mentions of ComEd Online | Twitter Followers | Facebook Fans |
|------|----------------------------------|-------------------------|----------------------------|--------------------------|-------------------|---------------|
| 2014 | 14,873,280 | 1,696,039 | 863,790 | 139,855 | 10,004 | 90,279 |
| 2013 | 20,969,772 | 2,032,975 | 679,948 | 110,061 | 6,322 | 68,419 |
| 2012 | 18,224,865 | 1,041,483 | 552,526 | 120,589 | 4,775 | 32,842 |
| 2011 | 14,028,000 | N/A | 388,290 | 83,825 | 3,332 | 1,502 |
| 2010 | 11,400,000 | N/A | 77,345 | N/A | N/A | N/A |

D. Electrical System Improvements

Note: The details regarding work planned is based on information available at the time of Annual Report publication and is subject to change.

ComEd System Improvement Map: www.ComEd.com/SystemImprovementMap



Electrical System Improvements Summary for Orland Park

Shown below is a summary of select electrical system enhancements designed to continue improving the reliability performance of the electrical system serving customers in Orland Park.

The Worst 1% Performing Circuit Program includes 1 circuit(s) in the 2015 work plan.

The Distribution Automation Program addressed the reliability performance of 2 circuit(s) in 2014. Includes 9 circuit(s) in the 2015 work plan.

The Mainline Underground Cable Program addressed the reliability performance of 1 circuit(s) in 2014.

Storm Improvement work addressed the reliability performance of 1 circuit(s) in 2014. Includes 2 circuit(s) in the 2015 work plan.

The Underground Residential Distribution (URD) Cable Program addressed the reliability performance of 6 circuit(s) in 2014. Includes 19 circuit(s) in the 2015 work plan.

Other Reliability Program work addressed the reliability performance of 1 circuit(s) in 2014.

The Wood Pole Program replaced/reinforced 3 pole(s) in 2014.

Circuit Inspections were completed on 14 circuit(s) in 2014. 12 corrective maintenance item(s) were completed in 2014. Circuit Inspections were completed on 9 circuit(s) in 2015. 9 corrective maintenance item(s) were completed in 2015.

Distribution Tree Trimming was performed on 22 circuit(s) totaling approximately 59 miles in 2014.

Note: There are no projected overloads during the summer of 2015 at substations feeding circuits serving the municipality.

Worst 1% Performing Circuit Program - Orland Park

Worst 1% Performing Circuit Program

Worst 1% Performing Circuit Program focuses on reducing the number and duration of customer interruptions on the 1% worst performing distribution circuits on ComEd's system. It involves a thorough review of a circuit's performance and remediation of affected components. The circuits targeted by this program are identified through an annual performance analysis of distribution circuits on ComEd's system.

| Circuit | Year | Status | Type | Comments |
|---------|------|---------|---------------------|--|
| G1991 | 2015 | Planned | 1% Duration Circuit | Repairs completed at time of interruption. No further work required. |

Capacity Improvement - Orland Park

Circuit Capacity Improvement

Circuit Capacity Improvement increases the capacity of the distribution system by installing new circuits, increasing the size of existing conductors and balancing loads on circuits. Circuit capacity improvements can increase reliability and enhance restoration flexibility in the event of an equipment failure.

| Circuit | Year | Status | Comments |
|---------|------|----------|------------------------------|
| J1680 | 2015 | Complete | Improve circuit performance. |
| J1690 | 2015 | Complete | Improve circuit performance. |

System Performance Improvement - Orland Park

Distribution Automation (12kV & 34kV)

Distribution Automation ("DA") (12kV & 34kV) is designed to reduce the number of customers affected during an interruption by installing equipment that automatically isolates a disturbance on a circuit. In addition to reducing the number of customers experiencing an interruption, it allows for quicker restoration of those customers.

| Circuit | Year | Status | Comments |
|---------|------|----------|--|
| G4082 | 2014 | Complete | Install 4 distribution automation device(s). |
| G7023 | 2014 | Complete | Install 4 distribution automation device(s). |
| G1987 | 2015 | Planned | Install 2 distribution automation device(s). |
| G1991 | 2015 | Planned | Install 2 distribution automation device(s). |
| G1993 | 2015 | Planned | Install 1 distribution automation device(s). |
| G1998 | 2015 | Planned | Install 2 distribution automation device(s). |
| G4082 | 2015 | Planned | Install 4 distribution automation device(s). |
| G7011 | 2015 | Planned | Install 1 distribution automation device(s). |
| G7012 | 2015 | Planned | Install 2 distribution automation device(s). |
| G7013 | 2015 | Planned | Install 4 distribution automation device(s). |
| J1689 | 2015 | Planned | Install 1 distribution automation device(s). |

Mainline Underground Cable

Mainline Underground Cable Program targets section(s) of underground distribution cable to be replaced. This is intended to reduce the number and duration of interruptions seen by customers by addressing a circuit's underground cable performance.

| Circuit | Year | Status | Comments |
|---------|------|----------|--|
| G1991 | 2014 | Complete | Replace ~ 2300 feet of mainline cable. |

Cable Diagnostic Testing

Cable Diagnostic Testing is designed to improve the performance of ComEd's underground system by testing cables and identifying sections that may need to be repaired or replaced. This is intended to reduce the number and duration of interruptions seen by customers.

| Circuit | Year | Status | Comments |
|---------|------|----------|--|
| G4082 | 2014 | Complete | Perform Very Low Frequency Testing (VLF) on 1 section(s) of circuit. |

Work planned is based on current available information and is subject to change.

System Performance Improvement - Orland Park

Storm Improvements

Storm Improvements are improvements designed to reduce the susceptibility of certain circuits to storm-related damage. Solutions may include overhead to underground conversion, spacer cable installation, enhanced vegetation trimming, and other engineering solutions.

| Circuit | Year | Status | Comments |
|---------|------|----------|--|
| G7021 | 2014 | Complete | Fuse 416900 - Perform enhanced tree trimming near 14429 S Ravinia Ave *unit Bd Orland Park II 60462. |
| G7013 | 2015 | Planned | Fuse 370427 - Perform enhanced tree trimming near 10127 N Hiawatha Ter Orland Park II 60467. |
| G7013 | 2015 | Planned | Fuse 6134 - Perform enhanced tree trimming near 10146 W 151st St Orland Park II 60462. |
| G7013 | 2015 | Planned | Fuse 6131 - Perform enhanced tree trimming near 10216 Hawthorne Dr Orland Park II 60462. |
| G7021 | 2015 | Complete | Fuse 416900 - Convert ~ 200 feet of overhead wire to underground cable near 14429 S Ravinia Ave *unit Bd Orland Park II 60462. |
| G7021 | 2015 | Planned | Install ~ 1500 feet of spacer cable. |

Underground Residential Distribution (URD) Cable

Underground Residential Distribution ("URD") Cable targets section(s) of underground distribution cable to be replaced or treated. This is intended to reduce the number and duration of interruptions seen by customers by addressing a circuit's underground cable performance.

| Circuit | Year | Status | Comments |
|---------|------|----------|---|
| G1973 | 2014 | Complete | Fuse 4059 - Replace ~ 600 feet of URD cable near 15524 Chapel Hill Rd Orland Park II 60462. |
| G1985 | 2014 | Complete | Fuse 3731 - Replace ~ 2900 feet of URD cable. |
| G1990 | 2014 | Complete | Fuse 2027 - Replace ~ 4500 feet of URD cable near 15246 Bayberry Ct Orland Park II 60462. |
| G1990 | 2014 | Complete | Fuse 9205 - Replace ~ 9800 feet of URD cable near 8329 Bob Olink Ct Orland Park II 60462. |
| G1990 | 2014 | Complete | Fuse 9216 - Replace ~ 800 feet of URD cable near 8430 Hollywood Dr Orland Park II 60462. |
| G4082 | 2014 | Complete | Fuse 2905 - Replace ~ 4500 feet of URD cable near 14321 Woodland Ave Orland Park II 60462. |
| G4082 | 2014 | Complete | Fuse 4004 - Treat ~ 600 feet of URD cable near 14222 Selva Ln Orland Park II 60462. |
| G7024 | 2014 | Complete | Fuse 3793 - Replace ~ 3200 feet of URD cable near 8230 Bromley St Orland Park II 60462. |
| G7024 | 2014 | Complete | Fuse 2923 - Replace ~ 3700 feet of URD cable near 14059 S 85th Ave Orland Park II 60462. |
| G7024 | 2014 | Complete | Fuse 3791 - Replace ~ 3000 feet of URD cable near 14417 Ashley Ct Orland Park II 60462. |
| J1676 | 2014 | Complete | Fuse 5025 - Replace ~ 7900 feet of URD cable. |
| J1676 | 2014 | Complete | Fuse 5235 - Replace ~ 9100 feet of URD cable. |
| G1972 | 2015 | Planned | Fuse 4053 - Replace ~ 3900 feet of URD cable near 15712 Brassie Ct *unit 1s Orland Park II 60462. |
| G1972 | 2015 | Planned | Fuse 4053 - Proposed Treatment of ~ 7200 feet of URD cable near 15712 Brassie Ct *unit 1s Orland Park II 60462. |
| G1973 | 2015 | Planned | Fuse 4842 - Proposed Treatment of ~ 5800 feet of URD cable near 8106 Bayhill Ct Orland Park II 60462. |
| G1973 | 2015 | Planned | Fuse 2963 - Replace ~ 10900 feet of URD cable near 15528 Hollyhock Ct Orland Park II 60462. |

Work planned is based on current available information and is subject to change.

System Performance Improvement - Orland Park

Underground Residential Distribution (URD) Cable

Underground Residential Distribution ("URD") Cable targets section(s) of underground distribution cable to be replaced or treated. This is intended to reduce the number and duration of interruptions seen by customers by addressing a circuit's underground cable performance.

| Circuit | Year | Status | Comments |
|---------|------|----------|---|
| G1973 | 2015 | Planned | Fuse 4842 - Replace ~ 1000 feet of URD cable near 8106 Bayhill Ct Orland Park II 60462. |
| G1973 | 2015 | Planned | Fuse 2949 - Replace ~ 4800 feet of URD cable near 7607 Cashew Dr Orland Park II 60462. |
| G1978X | 2015 | Planned | Fuse 2847 - Replace ~ 6700 feet of URD cable near 15829 Orland Brook Dr *unit Bd Orland Park II 60462. |
| G1978X | 2015 | Planned | Fuse 3541 - Replace ~ 6400 feet of URD cable near 9360 Bradford Ln Orland Park II 60462. |
| G1978X | 2015 | Planned | Fuse 5099 - Replace ~ 3800 feet of URD cable near 8731 Crystal Creek Dr Orland Park II 60462. |
| G1983 | 2015 | Planned | Fuse 396046 - Replace ~ 6800 feet of URD cable near 9196 W 159th St Orland Park II 60462. |
| G1986Y | 2015 | Planned | Fuse 4288 - Proposed Treatment of ~ 6500 feet of URD cable near 9320 Waterford Ln Orland Park II 60462. |
| G1986Y | 2015 | Planned | Fuse 4288 - Replace ~ 7900 feet of URD cable near 9320 Waterford Ln Orland Park II 60462. |
| G1986Y | 2015 | Planned | Fuse 5029 - Replace ~ 2000 feet of URD cable near 15605 S 94th Ave Orland Park II 60462. |
| G1986Y | 2015 | Planned | Fuse 5041 - Replace ~ 400 feet of URD cable near 15553 S 94th Ave Orland Park II 60462. |
| G1990 | 2015 | Planned | Fuse 9263 - Replace ~ 6000 feet of URD cable near 15044 S 88th Ave, Ut6248368 Orland Park II 60462. |
| G1992 | 2015 | Planned | Fuse 3758 - Replace ~ 3500 feet of URD cable near 9520 W 147th St *unit 1n Orland Park II 60462. |
| G1993 | 2015 | Planned | Fuse 4171 - Replace ~ 2400 feet of URD cable near 15180 S La Grange Rd Orland Park II 60462. |
| G1993 | 2015 | Planned | Fuse 8311 - Replace ~ 4700 feet of URD cable near 9845 Avenida Del Norte St Orland Park II 60462. |
| G1993 | 2015 | Planned | Fuse 3041 - Replace ~ 2300 feet of URD cable near 15100 S La Grange Rd Orland Park II 60462. |
| G1993 | 2015 | Planned | Fuse 3980 - Replace ~ 1800 feet of URD cable near 9827 Treetop Dr *unit Bd Orland Park II 60462. |
| G1995 | 2015 | Complete | Fuse 4029 - Replace ~ 7400 feet of URD cable near 9925 Cordoba Ct *unit 1a Orland Park II 60462. |
| G4082 | 2015 | Planned | Fuse 3483 - Replace ~ 4000 feet of URD cable near 14100 Camden Dr Orland Park II 60462. |
| G4082 | 2015 | Planned | Fuse 3487 - Replace ~ 1900 feet of URD cable near 14079 Camden Dr Orland Park II 60462. |
| G4082 | 2015 | Planned | Fuse 5552 - Replace ~ 100 feet of URD cable near 8000 Revell Ct Orland Park II 60462. |
| G7011 | 2015 | Planned | Fuse 4545 - 2S9 - Replace ~ 2700 feet of URD cable near 8923 Riviera Pkwy Orland Park II 60462. |
| G7011 | 2015 | Planned | Fuse 9267 - Replace ~ 2500 feet of URD cable near 8809 Biloba St Orland Park II 60462. |
| G7011 | 2015 | Planned | Fuse 4545 - 2S8 - Replace ~ 3200 feet of URD cable near 8923 Riviera Pkwy Orland Park II 60462. |

Work planned is based on current available information and is subject to change.

System Performance Improvement - Orland Park

Underground Residential Distribution (URD) Cable

Underground Residential Distribution ("URD") Cable targets section(s) of underground distribution cable to be replaced or treated. This is intended to reduce the number and duration of interruptions seen by customers by addressing a circuit's underground cable performance.

| Circuit | Year | Status | Comments |
|---------|------|---------|---|
| G7013 | 2015 | Planned | Fuse 9407 - Replace ~ 1700 feet of URD cable near 14760 Park Ln Orland Park II 60462. |
| G7013 | 2015 | Planned | Fuse 8309 - Replace ~ 2800 feet of URD cable near 14925 West Ave Orland Park II 60462. |
| G7021 | 2015 | Planned | Fuse 4407 - Replace ~ 2800 feet of URD cable near 14640 John Humphrey Dr Orland Park II 60462. |
| G7021 | 2015 | Planned | Fuse 4698 - Replace ~ 8200 feet of URD cable near 14422 John Humphrey Dr Orland Park II 60462. |
| G7021 | 2015 | Planned | Fuse 4187 - Replace ~ 2200 feet of URD cable near 9501 W 144th Pl *unit 100 Orland Park II 60462. |
| G7021 | 2015 | Planned | Fuse 5645 - Replace ~ 900 feet of URD cable near 14750 S Ravinia Ave Orland Park II 60462. |
| G7023 | 2015 | Planned | Fuse 5197 - Replace ~ 8000 feet of URD cable near 11615 Brook Hill Dr Orland Park II 60467. |
| G7024 | 2015 | Planned | Fuse 3437 - Replace ~ 6000 feet of URD cable near 8111 Bob Olink Rd Orland Park II 60462. |
| G7024 | 2015 | Planned | Fuse 5348 - Replace ~ 2900 feet of URD cable near 8100 Dorstep Ln Orland Park II 60462. |
| J1670 | 2015 | Planned | Fuse 5593 - Replace ~ 9500 feet of URD cable near 10555 Misty Hill Rd Orland Park II 60462. |
| J1678 | 2015 | Planned | Fuse 5568 - Replace ~ 7300 feet of URD cable near 14551 Morningside Rd Orland Park II 60462. |
| J1679 | 2015 | Planned | Fuse 6313 - Replace ~ 3500 feet of URD cable near 11818 Brookshire Dr Orland Park II 60467. |
| J1682 | 2015 | Planned | Fuse 4528 - Replace ~ 5300 feet of URD cable near 73 Windmill Rd Orland Twp II 60467. |
| J1682 | 2015 | Planned | Fuse 5409 - Replace ~ 5000 feet of URD cable near 25 Prairie Ln Orland Park II 60467. |

Next Worst Performing Circuit Program

Next Worst Performing Circuit Program (Chronic Circuit Program) focuses on reducing the number and duration of customer interruptions on the next worst performing distribution circuits on ComEd's system. It involves a thorough review of a circuit's performance and remediation of affected components. The circuits targeted by this program are identified through an annual performance analysis of distribution circuits on ComEd's system. Unlike the 1% circuit list, the list of circuits are selected by using a system ranking versus a regional ranking and includes 34kV circuits.

| Circuit | Year | Status | Comments |
|---------|------|----------|--|
| G1991 | 2014 | Complete | Perform system performance work on circuit to improve reliability. |

Other Reliability Improvements

Improvements include such items as Lightning Protection Enhancements and various other distribution circuit upgrades.

| Circuit | Year | Status | Comments |
|---------|------|----------|---|
| G4082 | 2014 | Complete | Perform system performance improvement on circuit isolating device. |

Work planned is based on current available information and is subject to change.

System Performance Improvement - Orland Park

Wood Pole Program

Pole Reinforcement: This program is designed to reinforce distribution wood poles that have been identified needing reinforcement through the pole inspection and treatment program. This is intended to bring the pole to its required strength.

Pole Replacement: This program is designed to replace distribution wood poles that have been identified needing replacement through the pole inspection and treatment program.

| Pole # | Year | Status | Comments |
|-----------|------|----------|--------------------------------|
| 486022047 | 2014 | Complete | Perform Wood Pole Replacement. |
| 486114030 | 2014 | Complete | Perform Wood Pole Replacement. |
| 486301058 | 2014 | Complete | Perform Wood Pole Replacement. |

Manhole Program

Manhole Assessment and Manhole Refurbishment includes the evaluation and rebuild (if found necessary) of the overall condition of the manhole, cables, and cable support systems.

| Year | Complete | Comments |
|------|----------|------------------------------------|
| 2014 | 6 | Complete manhole assessment(s). |
| 2015 | 1 | Complete manhole refurbishment(s). |

Maintenance - Orland Park

Cyclic Circuit Inspections

Cyclic Circuit Inspections and maintenance of overhead facilities. Identified high impact corrective maintenance items are prioritized and scheduled.

| Circuit | 2014 | 2014 | 2015 | 2015 |
|---------|---------------|-----------------|---------------|-----------------|
| | OH Inspection | OH Thermography | OH Inspection | OH Thermography |
| G1972 | | | X | |
| G1973 | | | X | |
| G1977X | X | X | | |
| G1978X | | | X | |
| G1982 | | | X | |
| G1987 | X | X | | |
| G1989 | X | | | |
| G1990 | | | X | |
| G1991 | | | X | |
| G1993 | | | X | |
| G1995 | | | X | |
| G4075 | X | | | |
| J1670 | | | X | |
| J1671 | X | X | | |
| J1676 | X | X | | |
| J1677 | X | X | | |
| J1678 | X | X | | |
| J1679 | X | X | | |
| J1680 | X | X | | |
| J1682 | X | X | | |
| J1689 | X | X | | |
| J1690 | X | X | | |
| J5184 | X | X | | |

Work planned is based on current available information and is subject to change.

Corrective Actions:

| Circuit | Year | Status | Comments |
|---------|------|----------|--|
| G1986Y | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Thermography Program. |
| G1987 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G1990 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G1991 | 2014 | Complete | Completed 2 corrective maintenance item(s) identified through the Thermography Program. |
| G1991 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G7012 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Thermography Program. |
| G7012 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G7013 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| J1679 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Thermography Program. |
| J1679 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| J1690 | 2014 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G1973 | 2015 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G1978X | 2015 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G1991 | 2015 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G7013 | 2015 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| G7023 | 2015 | Complete | Completed 1 corrective maintenance item(s) identified through the Thermography Program. |
| J1670 | 2015 | Complete | Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program. |
| J1689 | 2015 | Complete | Completed 3 corrective maintenance item(s) identified through the Overhead Inspection Program. |

Vegetation Management - Orland Park

Distribution Tree Trimming

Full: Line clearance tree pruning and vegetation maintenance is performed on a four-year cycle to reduce vegetation-related interruptions on the overhead distribution system. All primary-voltage overhead power lines on a circuit are included in cycle maintenance.

Spot: Midway through the four-year preventive maintenance cycle, distribution circuits are reviewed based on their vegetation-related interruption history. The work scope includes targeted areas of circuits that have had a history of vegetation related interruptions. This program goes above and beyond the typical cycle trim, going after the trees most likely to cause interruptions. This work typically includes pruning and removing overhanging branches, pruning for additional tree-to-conductor clearances, removing entire trees, and removing potentially hazardous trees.

NOTE: Miles Trimmed reflects the total number of miles trimmed (rounded) on each circuit for Full Trim cycles. Spot Trim miles are not tracked. Miles may or may not include multiple towns/wards.

| Circuit | Year | Type | Plan | Completed | Miles Trimmed | Comments |
|---------|------|------|------|-----------|---------------|----------|
| G1972 | 2014 | Full | Q3 | Q3 | 1 | |
| G1973 | 2014 | Full | Q3 | Q3 | 2 | |
| G1975 | 2014 | Full | Q4 | Q4 | 1 | |
| G1977X | 2014 | Full | Q4 | Q4 | 1 | |
| G1978X | 2014 | Full | Q4 | Q4 | 3 | |
| G1982 | 2014 | Full | Q4 | Q4 | 4 | |
| G1986X | 2014 | Full | Q4 | Q3 | 3 | |
| G1986Y | 2014 | Full | Q3 | Q3 | 1 | |

Work planned is based on current available information and is subject to change.

Vegetation Management - Orland Park

Distribution Tree Trimming

| Circuit | Year | Type | Plan | Completed | Miles Trimmed | Comments |
|---------|------|------|------|-----------|---------------|-------------------------------|
| G1987 | 2014 | Full | Q4 | Q4 | 4 | |
| G1988 | 2014 | Full | Q3 | Q3 | 3 | |
| G1989 | 2014 | Full | Q4 | Q4 | 3 | |
| G1990 | 2014 | Full | Q4 | Q3 | 2 | |
| G1991 | 2014 | Full | Q3 | Q3 | 3 | |
| G1992 | 2014 | Full | Q3 | Q3 | 0 | No overhead miles on circuit. |
| G1993 | 2014 | Full | Q3 | Q3 | 2 | |
| G1995 | 2014 | Full | Q3 | Q3 | 1 | |
| G1998 | 2014 | Full | Q4 | Q3 | 5 | |
| G7024 | 2014 | Full | Q4 | Q4 | 6 | |
| J5123 | 2014 | Full | Q1 | Q1 | 5 | |
| J5131 | 2014 | Full | Q1 | Q1 | 2 | |
| J5153 | 2014 | Full | Q2 | Q2 | 6 | |
| J5184 | 2014 | Full | Q3 | Q3 | 2 | |

Vegetation Management - Orland Park

Priority Trees

Trees identified during visual inspections that could impact the system. Trees may have been identified for several reasons, examples; may be outside ComEd's trim zone, on customer's property, or hazardous to climb.

NOTE: The location of trees listed is the general area noted in the field. The presence or conditions of certain trees in this report may have changed between the time the information was collected and the issuance of this report.

| Circuit | Location |
|---------|---|
| G1989 | 1 priority tree(s) on private property at 8760 171ST STREET |
| G4082 | 1 priority tree(s) on private property at 13661 ISHNALA DRIVE |
| G7011 | 1 priority tree(s) on private property at 8948 147TH STREET |
| G7012 | 1 priority tree(s) on private property at 14330 MASON LANE |
| G7012 | 1 priority tree(s) on private property at 1434 MANSON LANE |
| G7012 | 1 priority tree(s) on private property at 14509 WILLOW STREET |
| G7012 | 1 priority tree(s) on private property at 8948 WEST FAIRWAY DRIVE |
| G7012 | 1 priority tree(s) on private property at 9157 BIRCH STREET |
| G7012 | 1 priority tree(s) on private property at 9231 WEST 145TH STREET |
| G7013 | 1 priority tree(s) on private property at 10035 HOLLY COURT |
| G7013 | 1 priority tree(s) on private property at 10148 HIBISCUS DRIVEIVE |
| G7013 | 1 priority tree(s) on private property at 10227 HUNTINGTON COURT |
| G7013 | 1 priority tree(s) on private property at 10325 HILTOP DRIVE |
| G7013 | 1 priority tree(s) on private property at 14930 HIGHLAND AVENUE |
| G7013 | 1 priority tree(s) on private property at 14960 WEST AVENUE |
| G7013 | 1 priority tree(s) on private property at 15016 HOLIDAY COURT |
| G7024 | 1 priority tree(s) on private property at 8601 WEST 145TH STREET |
| J1690 | 1 priority tree(s) on private property at 15540 113TH COURT |

Work planned is based on current available information and is subject to change.

Vegetation Management - Orland Park

Priority Trees

Trees identified during visual inspections that could impact the system. Trees may have been identified for several reasons, examples; may be outside ComEd's trim zone, on customer's property, or hazardous to climb.

NOTE: The location of trees listed is the general area noted in the field. The presence or conditions of certain trees in this report may have changed between the time the information was collected and the issuance of this report.

| Circuit | Location |
|---------|--|
| J1690 | 1 priority tree(s) on private property at 15603 117TH COURT |
| J1690 | 1 priority tree(s) on private property at 15758 114TH STREET |
| J696 | 1 priority tree(s) on state property at 8224-8238 DONOVAN ROAD |

Customer Reliability Improvements - Orland Park

Customer Target Program

Customer Target Program focuses on customers who have experienced multiple interruptions. Typically, improvements address specific reliability issues for these customers while also improving the circuits overall performance.

| | |
|--|----------------------|
| Total Customer Target Circuits for Orland Park 2014 (Identified in 2013) = 0 | Total Customers = 0 |
| Total Customer Target Circuits for Orland Park 2015 (Identified in 2014) = 1 | Total Customers = 90 |

| Circuit | Year | Status | Interruption Type | Comments | Number of Customers |
|---------|------|---------|-----------------------|--|---------------------|
| G7021 | 2015 | Planned | Interruption Duration | Install approximately 1,500 feet of spacer cable, install 1 pole, install transformer at 1 location, convert approximately 200 feet of overhead wire to underground cable, and retension 5 spans of overhead wire. | 90 |

Customers with Multiple Interruptions - Orland Park

All interruptions greater than one minute in duration

Customers with More than 6 Interruptions

| Circuit | Customers with More than 6 Interruptions (All Interruptions) | | Customers with More than 6 Interruptions (Non-Storm) | |
|---------|--|---------------------|--|---------------------|
| | 1 year 2014 | 2 years 2013 - 2014 | 1 year 2014 | 2 years 2013 - 2014 |
| G1990 | 39 | 0 | 39 | 0 |
| G4082 | 9 | 0 | 4 | 0 |
| G7023 | 33 | 0 | 0 | 0 |
| G7024 | 17 | 0 | 17 | 0 |

Customers with More than 18 Hours Total Interruption Duration

| Circuit | Customers with More than 18 Hours Total Interruption Duration (All Interruptions) | | Customers with More than 18 Hours Total Interruption Duration (Non-Storm) | |
|---------|---|---------------------|---|---------------------|
| | 1 year 2014 | 2 years 2013 - 2014 | 1 year 2014 | 2 years 2013 - 2014 |
| G1978X | 450 | 0 | 0 | 0 |
| G1982 | 26 | 0 | 25 | 0 |
| G1987 | 4 | 0 | 0 | 0 |
| G1992 | 3 | 0 | 0 | 0 |

Work planned is based on current available information and is subject to change.

Customers with Multiple Interruptions - Orland Park

All interruptions greater than one minute in duration

Customers with More than 18 Hours Total Interruption Duration

| Circuit | Customers with More than 18 Hours Total Interruption Duration (All Interruptions) | | Customers with More than 18 Hours Total Interruption Duration (Non-Storm) | |
|---------|---|---------------------|---|---------------------|
| | 1 year 2014 | 2 years 2013 - 2014 | 1 year 2014 | 2 years 2013 - 2014 |
| G1998 | 117 | 0 | 0 | 0 |
| G4074 | 5 | 0 | 0 | 0 |
| G4082 | 15 | 0 | 14 | 0 |
| G611 | 1 | 0 | 0 | 0 |
| G7011 | 1 | 0 | 0 | 0 |
| G7012 | 130 | 0 | 0 | 0 |
| G7013 | 218 | 56 | 1 | 0 |
| G7021 | 894 | 117 | 0 | 0 |
| G7022 | 9 | 0 | 8 | 0 |
| G7023 | 34 | 0 | 34 | 0 |
| G7024 | 124 | 0 | 18 | 0 |
| J1670 | 21 | 0 | 10 | 0 |
| J1671 | 2 | 0 | 0 | 0 |
| J1678 | 101 | 0 | 0 | 0 |
| J1679 | 167 | 0 | 8 | 0 |
| J1680 | 1 | 0 | 1 | 0 |
| J1682 | 3 | 0 | 0 | 0 |
| J5153 | 582 | 1 | 2 | 0 |
| J5154 | 1 | 0 | 0 | 0 |

Work planned is based on current available information and is subject to change.

E. Circuit Reference

Circuits Serving Orland Park

| Circuit | Customer Count | North Boundary | South Boundary | East Boundary | West Boundary |
|---------|----------------|------------------|----------------------|-------------------|--------------------|
| G1972 | 378 | 155TH ST | 167TH ST | 76TH AVE | 82ND AVE |
| G1973 | 1,391 | 151ST ST | 159TH ST | TIFFANY DR | PLUM TREE DR |
| G1974 | 30 | ORLAND SQUARE DR | 159TH ST | 84TH AVE | 96TH AVE |
| G1975 | 8 | 159TH ST | 167TH ST | MANCHESTER | 76TH AVE |
| G1977X | 330 | 157TH ST | 165TH ST | OAK PARK | 80TH AVE |
| G1978X | 466 | WHEELER RD | 163RD ST | S SUNSET RIDGE CT | US 45 |
| G1982 | 383 | SUNRISE LN | 167TH ST | 96TH AVE | 108TH AVE |
| G1983 | 361 | ORLAND SQUARE DR | 159TH ST | 84TH AVE | 94TH AVE |
| G1986X | 622 | 151ST ST | 159TH ST | RIDGELAND AVE | ORCHID LN |
| G1986Y | 616 | KENNEDY CT | 159TH ST | LAKEVIEW DR | 96TH AVE |
| G1987 | 707 | MERION DR | 167TH ST | CHERRY HILL AVE | HILLCREST CIR |
| G1988 | 574 | 151ST ST | 159TH ST | OAK PARK AVE | GARDEN VIEW CT |
| G1989 | 125 | 169TH ST | 175TH ST | MARILYN | 93RD AVE |
| G1990 | 1,492 | 147TH ST | 159TH ST | 80TH AVE | REGENT DR |
| G1991 | 55 | SETON PL | 183RD ST | SHETLAND DR | US 45 |
| G1992 | 60 | 147TH ST | 159TH ST | 94TH AVE | 96TH AVE |
| G1993 | 572 | AVE DEL NORTE | 167TH ST | 90TH AVE | WEST AVE/100TH AVE |
| G1995 | 528 | 151ST ST | 159TH ST (RT 6) | 94TH AVE | HILLTOP DR |
| G1998 | 616 | 159TH ST | VENICE LN | ROBINHOOD DR | 108TH AVE |
| G403 | 29 | 127TH ST | 133RD ST | HARLEM AVE | SOUTHWEST HWY |
| G4074 | 491 | 127TH ST | 139TH ST | OAK RIDGE TRL | 88TH AVE |
| G4075 | 52 | 126TH ST | 135TH ST | 82ND AVE | SOUTHWEST HWY |
| G4082 | 977 | SEQUOIA DR | 146TH ST | HARLEM AVE | 83RD AVE |
| G7011 | 1,440 | 135TH ST | 151ST ST | 84TH AVE | LA GRANGE RD |
| G7012 | 1,285 | 139TH ST | SILVERDALE | BLUE SPRUCE CT | SOUTHWEST HWY |
| G7013 | 1,349 | 139TH ST | 159TH ST | RAVINIA | 108TH AVE |
| G7014 | 314 | 127TH | 135TH ST | SOUTHWEST HWY | W TANGLEWOOD CIR |
| G7021 | 736 | OAK PL | WEST AVE / 100TH AVE | 151ST ST | JOHN HUMPHREY DR |
| G7022 | 629 | PALOS SPRINGS DR | 139TH ST | STRAWBERRY LN | LAGRANGE RD |
| G7023 | 1,386 | 160TH ST | 175TH ST | 104TH AVE | BROOKGATE DR |
| G7024 | 1,229 | 139TH ST | MEADOWBROOK LN | LARKSPUR LN | LA GRANGE RD |
| J1670 | 913 | 139TH ST | 161ST ST | MORNINGSIDE RD | WOLF RD |
| J1671 | 19 | PARTRIDGE LN | 159TH ST | MAPLE CREEK DR | ROWAN CIR |
| J1676 | 800 | 139TH ST | CREEK CROSSING DR | 108TH AVE | WILL COOK RD |
| J1677 | 41 | 143RD ST | 159TH | WILL COOK RD | WEATHER VANE LN |
| J1678 | 573 | GREYSTONE DR | ALVESTON ST | WEST AVE | BELL RD |
| J1679 | 589 | DOEDE LN | US6 | ORLAND WOODS LN | CEDAR RD |

Circuits Serving Orland Park

| Circuit | Customer Count | North Boundary | South Boundary | East Boundary | West Boundary |
|---|----------------|----------------|----------------------|----------------|---------------|
| J1680 | 284 | 135TH ST | 143RD ST | WOLF RD | DERBY LN |
| J1682 | 681 | SILO RIDGE RD | 171ST ST | 108TH AVE | WILL COOK RD |
| J1689 | 61 | MCCARTHY RD | 139TH ST | 100TH AVE | WILL COOK RD |
| J1690 | 24 | 143RD | BENTWOOD | WOLF | TRAILSIDE |
| J5123 | 941 | CAMERON PKWY | 191ST ST | US 45 | SOUTHWEST HWY |
| J5131 | 6 | TIMBER DR | I-80 | HARLEM AVE | NORTHSTAR CT |
| J5153 | 589 | 67TH ST | 183RD ST/ORLAND PKWY | 96TH AVE/US 45 | S 110TH CT |
| J5184 | 1,115 | PAMELA LN | 187TH ST | 104TH AVE | WOLF RD |
| Total Circuits Serving Orland Park | | | | 45 | |

Note: Circuit boundary information is provided for 4kV and 12kV distribution circuits on an "as-designed" basis and the boundaries listed are approximate. Daily operating conditions and contingencies may require modifications from the "as-designed" conditions. Circuits operating at 34kV and greater are not included.

F. Current General Purpose Letter on Franchise Consideration

Please review facilities listed in order to ensure its accuracy. If you identify any discrepancies, please contact your External Affairs Manager.

Orland Park

September 19, 2006

President and Board of Trustees
Village of Orland Park
Orland Park, Illinois

President and Board of Trustees:

The undersigned, Commonwealth Edison Company, for good and valuable considerations, hereby agrees that so long as that certain ordinance passed by the President and Board of Trustees of the Village of Orland Park, September 28, 1992, granting the undersigned, its successors and assigns, the right to construct, operate and maintain an electric light and power system in the Village of Orland Park, shall remain in full force and effect, said Commonwealth Edison Company, its successors and assigns will, during each calendar year for the remainder of the life of said ordinance, supply without charge to the Village of Orland Park, such an amount of electric energy as may be reasonably necessary for lighting and various other uses in the following municipal buildings solely occupied for municipal purposes and not for purposes of revenue (or such part thereof as may from time to time be so occupied):

| | | |
|-------------------------|--|---------------------------------|
| Administration Facility | 14417 Beacon Avenue | 12260-57004 |
| ESDA Facility | 10601 Eagle Ridge Drive | 11428-06005 |
| ESDA Facility | 14757 West Avenue | 12260-58001 |
| ESDA Facility | 16300 105 th Court | 07146-38007 |
| ESDA Facility | 17885 Southwest Highway | 46760-58005 |
| ESDA Facility | 1N 150 th & 88 th Avenue | 05584-81002 |
| ESDA Facility | OE Concord 1 S 140 th | 06401-50009 |
| ESDA Facility | OE Cristina, 1 S 141 st | 06401-49006 |
| ESDA Facility | SS 147 th Street 1W Park Lane | 12260-43000 |
| ESDA Facility | SS 151 Street, 1 E 88 th Avenue | 05584-87004 |
| ESDA Facility | SS Brigte 1E Crkcs | 06400-93009 |
| ESDA Facility | WS Wheeler, 1 S Herniock | 05585-06004 |
| ESDA Facility | WS Wolf Road & 1 South 171 st | 11428-07002 |
| Library Facility | 14760 Park Lane | 12260-44007 |
| Library Facility | 14921 South Ravinia Avenue | 35650-26014 |
| Police Facility | 14600 Ravinia Avenue | 12260-53006 |
| Police Facility | 15025 West Avenue | 12260-46001 |
| Police Facility | 15100 South Ravinia Avenue | 02610-90037 Effective: 06/21/06 |
| Public Works Facility | 15800 South LaGrange Road | 07203-09008 |
| Recreation Facility | 14650 Ravinia Avenue | 12260-50005 |
| Recreation Facility | 15001 West Avenue | 12260-45004 |
| Recreation Facility | 15045 West Avenue | 12260-47008 |
| Village Hall | 14700 South Ravinia Avenue | 12260-51002 |

* Since the Library is electrically heated and metered separately, the electricity supplied for this purpose will be billed to the Library at the rate applicable to this type of installation.

The foregoing arrangement shall be effective beginning with readings made as noted of meters measuring electric energy for the above purposes at the above described locations. None of said electric energy so to be supplied without charge to the Village shall be used by the Village for heating, street lighting, water pumping or other such power purposes. Nor shall any of said energy be resold for any purpose whatsoever.

This agreement and the commitments herein contained shall supersede, replace and be in lieu of the undertakings contained in a letter addressed to the President and Board of Trustees of the Village of Orland Park, dated June 15, 2005.

If you have any questions please contact your ComEd External Affairs Manager, Noreen Liginio-Kubinski at 708.394.3424.

Very truly yours,

COMMONWEALTH EDISON COMPANY

By _____
Arthur R. Barsema
External Affairs Regional Director

G. Contact Information

How to Contact ComEd

General Contact Numbers:

CALL CENTER

1-800-Edison-1 or (800) 334-7661

Non emergency calls. You will be speaking to a Customer Service Representative who will enter your request or problem into our computer system which will create a Customer Ticket. This Ticket is routed to the corresponding ComEd department where action is required. It is most beneficial if the customer can specify the addresses where ComEd work is required.

J.U.L.I.E.

(800) 892-0123 or 811

Website: www.call811.com

Joint Utility Locating Information for Excavations

All emergency or non-emergency utility facility locates must be requested through the J.U.L.I.E. one call system.

Streetlight Outage

To report any streetlight outages, log into our website at www.ComEd.com, click onto Customer Service, and follow the links on the webpage.

Or fax the appropriate form to the number below.

Fax (630) 684-2692

New Electric Service

(866) 639-3532 or (866) NEW-ELEC

Any new requests should be initiated through this number.

Fax (630) 684-3701

New electric service inspections are to be faxed to this number.

Visit www.ComEd.com for more information on the following features:

Outage Alerts

Report an outage - Text OUT to 26633 (COMED)

Requires ComEd account number, SSN of ComEd account holder, or Phone number on ComEd account

- Proactive status updates throughout outage duration
- Power restoration confirmation

Visit ComEd.com/Text

Mobile Application

- Report outages and check outage status
- Manage your account and make payments
- Find payment location

Visit ComEd.com/App

Outage Map

- Visit ComEd.com/Map or www.ComEd.com/Map
- View outages at street-level
- View outage summary by town, village, Chicago ward
- View cause of outages
- View estimated time of restoration

Outage Information

- Report an Outage: ComEd.com/Report
- Storm Center: ComEd.com/Storm

Social Media

- Customers can engage ComEd through these channels on a variety of customer service issues
- Company and industry related news
- Energy efficiency tips

Twitter: www.Twitter.com/ComEd

Facebook: www.Facebook.com/ComEd

YouTube: www.YouTube.com/CommonwealthEdison

Flickr: www.Flickr.com/CommonwealthEdison

Pinterest: www.Pinterest.com/ComEdLL

How to Contact ComEd

Not for Public Distribution

ComEd Contact Numbers:

External Affairs Manager for Orland Park Rawlin Brown

Office No. (708) 235-2392
Cell No. (773) 848-1503
Address 25000 S. Governors Highway, University Park, IL 60466

External Affairs Director for South Region Miguel Ortega

Office No. (630) 437-2139
Address Three Lincoln Centre, Oakbrook Terrace, IL 60181

External Affairs Vice President for ComEd Michael Guerra

Office No. (312) 394-8740
Address 1 Financial Place 33rd Floor, Chicago, IL 60605

Please note that the following numbers are designed exclusively for your municipal Police, Fire, and Emergency Services Departments and are not intended to be disseminated for general use.

Emergency Contact Information:

Emergency Call Center (800) 477-4022

This number should be used by your Police Department, Fire Department, and other emergency services only to report an emergency. A Call Center Representative will forward the emergency information (e.g., address, contact information, and emergency details) to the ComEd Operations Control Center (OCC). An emergency response crew will be dispatched. If an Estimated Time of Arrival (ETA) is needed, the Emergency Call Center Representative will forward the request to the OCC who will call back when the ETA is available.

Operations Control Center

(888) 232-6382
(888) CECO-ETA

This number is to be used only as a follow up to a previously generated emergency call. If you do not receive a call back with an ETA in a timely manner, or the ETA provided to you has expired, this is a direct line to the ComEd Operations Control Center (OCC). This number should only be used to escalate ComEd response for structure fires, life-threatening situations, and to relieve Fire or Police Departments standing by if you have not been able to receive the critical ETA information from the OCC dispatcher.

Non Area Outage Emergency (AOE) Status Desk

South (888) 709-0777 Region

This number is to be used by Municipality Emergency Services to obtain the status of outages from the Pre-Established Life/Public Health/Safety List, during Non Area Outage Emergencies (AOE). This is a direct line to ComEd's information desk in the Operations and Control Center. This number should only be used to inquire about the status of an outage at one of the Pre-Established Life/Safety accounts during a Non-AOE event.

ComEd Contact Information for the Village of Orland Park

In the event of an outage or emergency, the Village of Orland Park has instructed ComEd to use the following numbers:

Emergency Day Number: (708) 349-4111
Emergency Day Location:

Emergency Evening Number: (708) 349-4111
Emergency Evening Location:

Scheduled interruptions and Interruptions in excess of 1000 KVA

Outage Fax Number: (708) 349-8622
Outage Fax Location: Police Dept
Outage E-Mail: pgrimes@orlandpark.org, jingram@orlandpark.org

Load Shed Plan Fax Number: (708) 349-8622
Load Shed Plan Location: Police Department

2nd Choice:

Load Shed Plan Fax Number 2: (708) 349-4859
Load Shed Plan Location 2: Village Hall

General Information for Municipal Officials would be faxed to:

Fax Number: (708) 349-4859
Fax Location: Police Department

Legal Notification

Section 7.7.1 Notice to Village

UNLESS OTHERWISE SPECIFIED HEREIN, ALL NOTICES FROM THE LICENSEE TO THE VILLAGE OF ORLAND PARK UNDER THIS ORDINANCE SHALL BE MADE IN WRITING AND DELIVERED TO:

Village Clerk
Village of Orland Park
14700 Ravinia
Orland Park, IL 60462

Information as of April 20, 2015

Appendix 1: Glossary of Terms as used in this Report

The definitions and/or information relating to the terms below are being provided solely for purposes of this Annual Report, and for no other purpose.

| Term | Definition |
|--|---|
| Abandoned Call Rate | The percentage of customers that call the utility's customer call center that hang up before their call is answered. Abandoned rate is calculated by dividing the number of calls abandoned (customer hangs up) by the total number of calls offered (expressed as a percentage). The Administrative Code provides that "the abandon rate for calls placed to the call center shall not exceed 10%." |
| Advanced Metering Infrastructure Deployment Plan (AMI Plan) | The Advanced Metering Infrastructure Deployment Plan ("AMI Plan") sets out "a deployment schedule and plan that includes deployment of AMI to all [ComEd retail] customers." The AMI Plan outlines how ComEd anticipates AMI meters and associated technology will be deployed and articulates the schedule on which those deployments are planned to be made. Specifically, the AMI Plan identifies (i) components of the proposed AMI systems; (ii) resources that the deployment is anticipated to require; (iii) operational benefits achieved through efficient AMI deployment; and (iv) a range of innovative rates, enhancements to the provision of information, and educational programs that benefit customers. |
| Arrester | Devices, also known as lightning arresters, commonly used on electrical systems to provide protection from the damaging effects of lightning or other voltage surges. |
| Average Call Handle Time (in seconds) | The average duration of phone calls handled by Customer Service Representatives (CSRs). The average call handle time is expressed in seconds per call and is calculated by dividing the total time CSRs spent handling calls by the number of calls handled. |
| Average Speed to Answer (ASA) | Average speed to answer a phone call. "Answer time" means a measurement from the point the last digit of the entity's telephone number is dialed or, if a menu-driven system is used, from the point the last menu digit is dialed by the subscriber and the call is answered by the entity. ASA is expressed in seconds per call and is calculated by dividing the total time calls waited to be answered by the total number of calls answered. The Illinois Administrative Code provides that "the average answer time for calls placed to the call center shall not exceed 60 seconds where a representative or automated system is ready to render assistance and/or accept information to process calls." |
| Avoided Customer Interruptions (ACI) | A count of the number of customers that avoided an interruption due to a specific action or event, for example, as a result of the operation of automated equipment such as a recloser or other device or some reliability related process. |
| Cable Diagnostic Testing | Testing performed on underground cable to identify cable sections that may need to be repaired or replaced. |
| Circuit Capacity Improvement | Circuit Capacity Improvement increases the capacity of the distribution system by, for example, installing new circuits, increasing the size of existing conductors and balancing loads on circuits. Circuit capacity improvements can increase reliability and enhance restoration flexibility in the event of an equipment failure. |
| ComEd System | The system of ComEd's Transmission, Distribution, and related facilities that serves approximately 3.8 million customers in a service territory of more than 11,400 square miles that encompasses more than 400 municipalities in northern Illinois, including the City of Chicago. |
| ComEd.com transactions (overall) | Web & mobile site transactions (i.e., Completed Forms or Retrieval of information that would otherwise require a call to the call center - Auto Pay, Pay Bill, View Bill, Report an Outage, Outage Status, Start/Stop/Move, etc.). |
| Conductor | Conductors are the wires and cables used throughout ComEd's system to move electricity. |
| Crossarms | Crossarms are attached at or near the top of many types of poles and are used to support and maintain separation of overhead conductors. |
| Customer Average Interruption Duration Index (CAIDI) | The Customer Average Interruption Duration Index ("CAIDI") is the average interruption duration for those customers who experience interruptions during the year. It is calculated by dividing the annual sum of all customer interruption durations by the total number of customer interruptions. |
| Customer Interruption | A customer interruption is the loss of electric service to one customer as a result of an interruption. For example, an interruption that causes 10 customers to lose service results in 10 customer interruptions. |
| Customer Target Program | The Customer Target Program focuses on customers who have experienced more than 6 interruptions per year for three consecutive years or more than 18 hours of total interruption duration per year for three consecutive years. Typically, improvements address specific reliability issues for these customers while also improving the circuit's overall performance. |
| Cyclic Circuit Inspections | One of ComEd's inspection programs for the periodic inspection of distribution overhead circuits. Currently, 4kV and 12kV circuits are on a 4-year cycle and 34kV circuits are on a 2-year cycle. |
| Distribution Automation | Distribution Automation ("DA") refers to equipment, software, and process such as automated reclosers and sectionalizers that can automatically re-route electricity to avoid or minimize a problem, often with no noticeable loss of service. ComEd deploys DA on the distribution system as one means of reducing the number of customers affected by an interruption, as well as to expedite restoration, emergency response, and the execution of switch orders. |

Appendix 1: Glossary of Terms as used in this Report

The definitions and/or information relating to the terms below are being provided solely for purposes of this Annual Report, and for no other purpose.

| Term | Definition |
|--|--|
| Distribution Automation Recloser | A distribution automation recloser is a specific type of distribution automation device designed to re-configure circuits into smaller "sections" to reduce the number of customers affected by a single outage. |
| Distribution Circuit or Circuit | A distribution circuit or circuit is a circuit owned and/or operated by a jurisdictional entity and designed to operate at a nominal voltage of 15,000 volts or less and to supply one or more distribution transformers. |
| Distribution Tree Trimming | Tree pruning and/or removal to provide line clearance for ComEd's distribution facilities. On a four year cycle, all the trees under and immediately adjacent to the primary conductors and associated neutral or secondary conductors that have the potential to contact the primary conductors within the maintenance cycle will be trimmed or removed. In some cases, trimming may also occur between the cycle maintenance. Clearances are based on conductor voltage, construction type and the species, location, structure, and health of the trees. |
| Emergency Call Center | The phone number only for municipal Police Departments, Fire Departments, and other emergency services to report emergencies to ComEd. |
| Emergency Operations Center | In response to large-scale events such as storms, ComEd activates the Emergency Operations Center to provide centralized coordination over restoration efforts to restore customers as quickly as possible. |
| Enhanced Tree Trimming | Enhanced Tree Trimming is one of the solutions identified through reliability reviews to reduce storm-related damage to facilities. The work scope includes targeted areas of circuits that have had a history of vegetation related interruptions. This program goes above and beyond the typical cycle trim, going after the trees most likely to cause interruptions. This work typically includes pruning and removing overhanging branches, pruning for additional tree-to-conductor clearances, removing entire trees, and removing potentially hazardous trees. The trees removed are typically larger trees than would be removed through the cyclic program. |
| Facebook Fans | The number of people who have "Liked" ComEd's page on Facebook. |
| Feeder | A feeder is a type of Distribution Circuit that operates at a nominal voltage of 15,000 volts or less and supplies one or more distribution transformers. |
| Hendrix Cable | Brand name for Spacer Cable. Please see the definition of Spacer Cable for common applications. |
| Interruption | "Interruption" means the failure or operation of a single component, or the simultaneous failure or operation of physically and directly connected components of a jurisdictional entity's transmission or distribution system that results in electric service to one or more of its customers being lost or being provided at less than fifty percent of standard voltage for a period longer than one minute in duration and requiring human intervention by the jurisdictional entity to restore electric service. Part 411 of the Commission's Rules reflects certain additional limitations of the meaning of interruption particular to its purposes. |
| J.U.L.I.E. | JULIE, Inc. (Joint Utility Locating Information for Excavators) is a not-for-profit corporation that provides homeowners and professional excavators with one place to call for safe digging. JULIE serves as a message handling notification service for underground facility owners, taking information about planned excavations and distributing this information to its membership. |
| Joint Operating Center (JOC) | The Joint Operations Center ("JOC") is defined and described in Commonwealth Edison Company's Operating Protocol for Municipal Coordination of Emergency Preparedness and Response Management. The JOC is a physical location hosted by a municipality that will be utilized in the event of an Area Outage Emergency ("AOE"). ComEd will declare an AOE when the number of customers out of service in an area has reached a pre-determined trigger limit. The JOC is designed to promote effective communication and coordination among municipalities and between ComEd and municipalities. The JOC concept is also intended to address prioritization of critical municipal issues during severe storms. |
| Jurisdictional Entity | "Jurisdictional entity" means an electric utility or alternative retail electric supplier owning, controlling, or operating transmission and distribution facilities and equipment subject to the Illinois Commerce Commission's jurisdiction. |
| Lightning Protection Enhancements | One of ComEd's reliability improvement programs designed to upgrade lightning protection on distribution circuits that have experienced customer interruptions due to lightning. |
| Load | The amount of power consumed (typically reported in watts or kilowatts). |
| Mainline Underground Cable | Underground cable that is typically fed directly from a substation. |
| Mentions of ComEd online | Any mentions of ComEd in online communications, including Twitter, Facebook, blogs, video/photo sites, traditional news sites, and other social media platforms. |
| Mobile App transactions | Transactions completed within the mobile app (Report an Outage, Outage Status, Auto Pay, Pay Bill, View Bill, Report Meter Reading, Budget Bill, etc.). |

Appendix 1: Glossary of Terms as used in this Report

The definitions and/or information relating to the terms below are being provided solely for purposes of this Annual Report, and for no other purpose.

| Term | Definition |
|---|--|
| Municipal and Public Officials Satisfaction Survey | The Municipal and Public Officials Satisfaction Survey is a primary market research study conducted among legislators, City of Chicago ward aldermen and municipal leaders (mayors, presidents, village managers) in towns and cities within the ComEd service territory. This study is designed to measure satisfaction with ComEd, the External Affairs Department, individual External Affairs Managers, and individual Legislative Affairs Managers. |
| New Electric Service | Customers need to contact ComEd for new service to a residence or business whether the new service is due to a move or new construction. |
| Next Worst Performing Circuit Program | Next Worst Performing Circuit Program (Chronic Circuit Program) focuses on reducing the number and duration of customer interruptions on the next worst performing distribution circuits on ComEd's system. It involves a thorough review of a circuit's performance and remediation of affected components. The circuits targeted by this program are identified through an annual performance analysis of distribution circuits on ComEd's system. Unlike the 1% circuit list, the list of circuits are selected by using a system ranking versus a regional ranking and includes 34kV circuits. |
| Operations Control Center (OCC) | The ComEd department responsible for dispatching operators and first responders to restore customers for the entire ComEd service territory. |
| Outage | The loss of electric service to one or more retail customers for a period of longer than one minute in duration. The terms can be used to refer to losses of service due to one or more distinct interruptions. Part 411 of the Commission's Rules may also use "outage" as a synonym for interruption – i.e., as in an equipment outage – but this is not the typical manner in which the term is used. |
| Outage Alerts transactions | Outage Alert transactions are the text messages that a subscriber receives during an interruption. |
| Overhead Inspection | A visual inspection of overhead distribution facilities. Please also see the definition of Cyclic Circuit Inspection. |
| Overload | A condition that exceeds the design criteria. |
| Priority Trees | Trees identified during visual inspections that could impact the system. Trees may have been identified for several reasons. For example, the tree may be outside ComEd's trim zone, on a customer's property, or hazardous to climb. NOTE: The location of trees listed is the general area noted in the field. The presence or conditions of certain trees in this report may have changed between the time the information was collected and the issuance of this report. |
| Rate of calls answered by CSR vs. VRU | Percent of total offered calls answered by Customer Service Representatives (CSR) vs. Voice Response Units (VRUs) (i.e. Periphonics, Speech recognition and Powerline). |
| Reliability Rate | Reliability Rate, or Average Service Availability Index ("ASAI"), is a measure of the average availability of the distribution system to serve customers. It is the ratio of the total customer minutes that service was available to the total customer minutes demanded in a time period. The rate as shown in this report is calculated on a yearly basis. |
| Reportable Storms | When any single event (e.g., storm, tornado, equipment malfunction, etc.) causes interruptions for 10,000 or more of ComEd's customers for three hours or more. |
| Restoration | Steps taken to return customers to electrical service after experiencing an interruption. |
| Ridgeland Cable Replacement Program | The Ridgeland Cable Replacement Program's focus is to replace five circuits in the Ridgeland 69kV cable system to increase the long-term reliability in the area. |
| Smart Grid | "Smart Grid" generally refers to a class of technology being used to modernize electricity delivery systems using computer-based remote control and automation. Smart Grid electric system upgrades offer many benefits to utilities and consumers - mostly seen in energy efficiency on the electricity grid and in the energy users' homes and offices. |
| Spacer Cable | Spacer Cable is covered overhead wire that is specifically geared towards areas with intermittent vegetation contact providing resistance to interruptions caused by contact with trees and wildlife. |
| Storm Improvements | Storm Improvements are improvements designed to reduce the susceptibility of certain circuits to storm-related damage. Solutions may include overhead to underground conversion, spacer cable installation, enhanced vegetation trimming, and other engineering solutions. |

Appendix 1: Glossary of Terms as used in this Report

The definitions and/or information relating to the terms below are being provided solely for purposes of this Annual Report, and for no other purpose.

| Term | Definition |
|--|---|
| Substation | An assembly of equipment in an electric power system through which electrical energy is passed for transmission, distribution, interconnection, transformation, conversion, or switching. Specifically, substations are used for some or all of the following purposes: connection of generators, transmission or distribution lines, and loads to each other; transformation of power from one voltage level to another; interconnection of alternate sources of power; switching for alternate connections and isolation of failed or overloaded lines and equipment; controlling system voltage and power flow; reactive power compensation; suppression of overvoltage; and detection of faults, monitoring, recording of information, power measurements, and remote communications. Minor distribution or transmission equipment installation is not referred to as a substation. |
| Substation Capacity Improvement | Work to increase the capacity of substations by adding transformers at an existing substation, upgrading existing transformers or installing new substations. Substation capacity improvements assist in providing reliable service and enhance restoration flexibility in the event of an equipment failure. |
| System Average Frequency Interruption Index (SAIFI) | The System Average Interruption Frequency Index ("SAIFI") is the average number of interruptions per customer during the year. It is calculated by dividing the total annual number of customer interruptions by the total number of customers served during the year. |
| System Wide Major Storm | Storms that cause service outages to at least 10% of ComEd customers. |
| Taps | The portions of distribution circuits segmented by operating devices such as fuses. |
| Thermography | One of ComEd's inspection programs which utilizes an infrared camera to identify thermal anomalies known as "hot spots" on ComEd's system. |
| Transformer | Equipment typically used to transform electricity from higher voltages to lower voltages or, in certain cases, from lower to higher voltages. |
| Tree Pruning | Tree Pruning is removing branches from a tree using approved practices. |
| Trip Saver | A device also called an Automatic Fuse used in place of a traditional fuse to minimize the number of interruptions caused by trees, wildlife, lightning, and other weather related interruptions. |
| Twitter Followers | The number of people "following" ComEd on Twitter. |
| Underground Residential Distribution (URD) Cable | Underground cable that is typically used to serve residential subdivisions. |
| Vegetation Management | Vegetation Management refers to processes and programs that are designed to control vegetation in order to maintain or enhance service reliability. The program clears limbs, trees, vines, and other plants away from power lines thereby minimizing the potential for damage to facilities or equipment. |
| Worst 1% Performing Circuits | Worst-performing circuits are those distribution circuits that, for each reliability index, are among the one percent of all circuits in an operating area (or at least one circuit for each reliability index) with the highest achieved values (lowest performance levels) for the reliability index. For the purpose of identifying worst-performing circuits, only distribution circuit interruptions and customers affected by such interruptions shall be considered in calculating the reliability indices. |

**Appendix 2:
2014 Interruption Report
in electronic format
for the Village of
Orland Park
is provided separately**