| | AGENDA ITEM EXECUTIVE SUMMARY | | | | | | | | |
|--------------------------|-------------------------------|--|--------------|-----|----|--|--|--|--|
| 500 | Title: | Electric Reliability Report – Information Only | | | | | | | |
| ST. CHARLES | | | | | | | | | |
| Please check approp | | | | _ | | | | | |
| Government (| X | Government Services 05.26.15 | | | | | | | |
| Planning & D | | City Council | | | | | | | |
| Public Hearin | g | | | | | | | | |
| Estimated Cost: \$ | | Budg | geted: | YES | NO | | | | |
| If NO, please explain | how item will | be funded: | | | | | | | |
| Executive Summary | 7: | | | | | | | | |
| For information only. | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Attachments: (pleas | o list) | | | | | | | | |
| reachinenes (pieus | c 1131 j | | | | | | | | |
| April 2015 Outage Ro | eports. | | | | | | | | |
| Recommendation / S | Suggested Acti | on (briefly expla | in) : | | | | | | |
| For information only | | | | | | | | | |
| For office use only: | Agenda Iter | n Number: 3.a | | | | | | | |

City of St. Charles April 2015 Outages

| OUTAGE No. | DATE | TIME OFF | TIME ON (Min) | AREA AFFECTED | CIRCUIT No. | CAUSE | NO. OF CUST. | OUTAGE MINUTES | MAJOR CATEGORY | SUB CATEGORY |
|------------|------------------|----------|---------------|--|-------------|--|-----------------|-------------------|-------------------|--------------|
| 1 | 4/6/2015 | 1:15 PM | 60 | 36W - 610 Marguerite St. | 222 | Broken 100 Amp cutout; possible water frozen & cracked porcelain. | 2 | 120 | Equipment | Fuse |
| 2 | 4/9/2015 | 9:54 AM | 0 | N. E. side of town. L13154 Load at Dunham Road Sub. | 5637 | Com Ed lost line during storm event. Confirmed lightning strike on L5637, which was switched by ComEd to pick up some of our load (half of Dunham Road Sub) while L11167 and L13156 were out of service. | 1460 | 0 | Com Ed | L5637 |
| 3 | 4/9/15 & 4/10/15 | 10:10 PM | 264 | S. 12th & S. 13th St. | 214 | Tree burned down 3 phase behind 300 block of S. 13th St. | 50 | 13,200 | Tree | Large branch |
| 4 | 4/10/2015 | 10:10 PM | 48 | 100 block N. 12th St, W. Main, S. 11, 12 & 13th St. | 214 | Tree burned down 3 phase behind 300 block of S. 13th St. | 60 | 2,880 | Tree | Large branch |
| 5 | 4/10/2015 | 10:10 PM | 63 | W. Main, S. 19th St, Fairview, Oak St., 15, 16 & 17th St. | 214 | Tree burned down 3 phase behind 300 block of S. 13th St. | 809 | 50,967 | Tree | Large branch |
| 6 | 4/10/2015 | 10:10 PM | 95 | 12th, 13th & 14th St's. | 214 | Tree burned down 3 phase behind 300 block of S. 13th St. | 100 | 9,500 | Tree | Large branch |
| 7 | 4/18/2015 | 10:22 PM | 0 | Area bounded by Kirk Road, RR Tracks, Kautz, Commerce | 513 | Momentary outage - Patrolled line and did not find cause. Suspect wildlife. | 42 | 0 | Unknown | |
| 8 | 4/20/2015 | 5:00 PM | 50 | 1504 Howard St. | 214 | 1/2 power due to old tree. | 1 | 50 | Equipment | Service |
| 9 | 4/24/2015 | 2:37PM | 0 | Walnut & Fairview Dr. | 214 | Rotten limb. During wind event, got caught between primary & secondary. | 80 | 0 | Tree | Large branch |
| 10 | 4/29/2015 | 5:30 AM | 120 | 1501 & 1519 E. Main St. | 316 | Scheduled Outage for rotted pole change out | 2 | 240 | Scheduled | SCMEU |
| 11 | 4/29/2015 | 10:00 AM | 20 | 409 S. 12th St. | 214 | Service Failure | 1 | 20 | Equipment | Service |
| 12 | 4/29/2015 | 2:22 PM | 0 | N.W. Side of Town | 57736 | Failed Com Ed P.T. @ Substation 2. | 2556 | 0 | Com Ed | L57736 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | Total of Interrupted Minutes | | 76,977 | | |
| | | | | | | Total SAIDI* | 4.990 | , | | |
| | | | | | | Total of ComEd Interrupted Minutes | | 0 | | |
| | | | | | | Total SAIDI without ComEd | 4.990 | | | |
| | | | | | | *System Average Interruption Duration Index (SAIDI) | | | | |