| | AGENDA ITEM EXECUTIVE SUMMARY Agenda Item number: 3.a | | | | | | |
|---|---|--|--|--|--|--|--|
| | Title: | Electric Reliability Report – Information Only | | | | | |
| ST. CHARLES | Presenter: | Paul Hopkins | | | | | |
| Meeting: Government Services Committee Date: March 22, 2021 | | | | | | | |
| Proposed Cost: \$ Budgeted Amount: \$ Not Budgeted: | | | | | | | |
| Executive Summary (if not budgeted please explain): | | | | | | | |
| For Information Only. | | | | | | | |
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| Attachments (please list): | | | | | | | |
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| February 2021 Outage Report February 2021 Streetlight Repair Report | | | | | | | |
| Recommendation/Suggested Action (briefly explain): | | | | | | | |
| For information only. | | | | | | | |

City of St. Charles February 2021 Outages

| OUTAGE No. | DATE | TIME OFF | TIME ON (Min) | AREA AFFECTED | CIRCUIT No. | CAUSE/RESPONSE | NO. OF CUST. | OUTAGE MINUTES | MAJOR CATEGORY | SUB CATEGORY |
|------------|----------|----------|---------------|---|-------------|---|-----------------|-------------------|-------------------|--------------|
| 1 | 2/4/2021 | 7:42 AM | 48 | Cutler St., S. 4th St., S. 3rd St., Bowman St. | 624 | Broken cutout on transformer pole #4292T02. Replaced 100 amp cutout and re-fused transformer. | 8 | 384 | Equipment | Switch |
| 2 | 2/4/2021 | 8:50 PM | 0 | Loss of ComEd feed 13156 | 13156 | CMD | 561 | 0 | ComEd | 13156 |
| 3 | 2/7/2021 | 8:28 AM | 122 | Large sections of the southeast quadrant. | 13156 | Faulted B Phase termination to bus (pothead) at substation 5 on incoming ComEd L13156. Switching to pickup transformer 3 froom 13167. | 557 | 67,954 | Equipment | Cable |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | Total of Interrupted Minutes | | 68,338 | | |
| | | | | | | Total SAIDI* | 4.360 | | • | |
| | | | | | | Total of ComEd Interrupted Minutes | | 0 | | |
| | | | | | | Total SAIDI without ComEd | 4.360 | | | |
| | | | | | | *System Average Interruption Duration Index (SAIDI) | | | | |

Streetlight Repair Report

Expectation: Streetlights will be repaired within 10 days of notification.

| Fiscal Year | Number of Lights Repaired | Average Days to Repair |
|-------------|------------------------------|------------------------|
| 2020 | 781 | 6.9 |

2021

| Month Light Was Repaired | Number of Lights Repaired | Average Days to Repair |
|-----------------------------|------------------------------|------------------------|
| May | 22 | 9.8 |
| June | 17 | 4.4 |
| July | 18 | 3.8 |
| August | 29 | 4.5 |
| September | 43 | 3.1 |
| October | 39 | 5.9 |
| November | 158 | 6.8 |
| December | 90 | 11.8 |
| January | 25 | 3.0 |
| February | 20 | 6.4 |
| | | |