

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 4.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: January 29, 2018

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted: ☐**Executive Summary** *(if not budgeted please explain):*

For Information Only.

Attachments *(please list):*

- * November 2017 Outage Report
- * December 2017 Outage Report

- * November 2017 Streetlight Repair Report
- * December 2017 Streetlight Repair Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

City of St. Charles
November 2017 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	11/5/2017	3:54 PM	12	Large section of the SW quadrant and part of the NW quadrant.	56931	At 3:54 pm, ComEd single phased 56931. G. Sittler requested to trip line. At 4:06 pm, Edison de-energized the line into Sub 8, ending the single phase event.	2896	34,752	ComEd	56931
1	11/5/2017	3:54 PM	30	Prairie St. Sub, 622, 624, 626, Rt. 38, Randall, Westfield Park, Davis School, 4th, 5th, 6th, 7th, and 18th Streets, Walnut, Oak, and Bricher Rd.	56931	Problems with ComEd 56931. Picked up Sub 6 from 13150 after isolation of 56931.	1731	51,930	ComEd	56931
1	11/5/2017	4:06 PM	60	Rt. 38, IXC, west side plant, Renaux, Harvest Hills, fairgrounds	56931	Problems with ComEd 56931. Picked up Sub 8 from 57736 internally after isolation of 56931.	1706	102,360	ComEd	56931
2	11/11/2017	2:15 PM	15	212-218 Millington Way	224	Customer reported flickering lights. Cleaned contacts and restored power.	4	60	Scheduled	SCMEU
3	11/12/2017	1:14 PM	0	Cedar Street coridor and East Main Street corridor from 9th Ave to Tyler.	315/316	Box truck hit 2 down guys at N. 9th Ave. and Cedar Ave. Repaired down guys and checked 3 phase lines for contact burns.	730	0	Others	Vehicle
4	11/22/2017	11:30 PM	0	Randall Rd., W. Main St., Oak St., Costco, Fox River Harley, Campton Hills Rd.	611	Breaker trip and reclose - instantaneous.	137	0	Others	Balloons
4	11/23/2017	3:52 PM	68	110 N. Randall Rd., 2010 W. Main St., 210 & 220 N. Randall Rd.	611	1/2 power / no power. Caused by balloon on 11/22/17, location reported next day.	4	272	Others	Balloons
5	11/27/2017	9:10 AM	62	2010 & 2020 W. Main St.	611	Shut off power to replace arrestors and taps on 3-phase overhead transformer bank and restored power.	2	124	Equipment	Arrester
						Total of Interrupted Minutes		189,498		
						Total SAIDI*		12.129		
						Total of ComEd Interrupted Minutes		189,042		
						Total SAIDI without ComEd		0.029		
						*System Average Interruption Duration Index (SAIDI)				

City of St. Charles
December 2017 Outages

[illegible]

Streetlight Repair Report

Expectation: Streetlights will be repaired within 10 days of notification

Month Light Was Repaired	Number of Lights Repaired	Average Days to Repair
April	48	30.3
May	45	10.5
June	22	4.0
July	166	6.1
August	63	4.4
September	41	4.3
October	54	3.7
November	115	6.5
December	39	4.1

November notes: Four lights exceeded 10 days due to volume of repairs needed

December notes: Decorative light in Brownstone took 29 days to fix due to the fixture being out of stock – had to wait for reorder to arrive