



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Paul Hopkins

Meeting: Government Services Committee

Date: August 24, 2020

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

Executive Summary *(if not budgeted please explain):*

For Information Only.

Attachments *(please list):*

- July 2020 Outage Report
- July 2020 Streetlight Repair Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
July 2020 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	7/2/2020	7:51 PM	0	NW side of town, Randall Rd., Dean St., Renaux, Peck.	216	No power. Trip on circuit 216. Instantaneous breaker trip & reclose. No sustained. Suspect wildlife.	296	0	Unknown	12.47-kV
2	7/8/2020	8:20 PM	100	800-900 block of Munhall.	316	No power. Tree contact/wind storm. Removed tree and re-fused line.	8	800	Tree	Small Branch
3	7/10/2020	5:30 AM	33	Downtown and north along the river.	7962	Outage. ComEd lost power. ComEd re-energized after isolating problem area.	2664	87,912	ComEd	7962
4	7/12/2020	5:59 AM	0	Prairie St., Evergreen St., Howard St., S. 16th St.	622	No power. No action taken, suspect wildlife. 622 instantaneous breaker operation. Patrolled line on 7/13/20.	561	0	Unknown	12.47-kV
5	7/27/2020	5:06 AM	102	Production, Tyler Rd., Industrial Dr., Main St. between Tyler & Dunham.	514	Outage. Underground cable fault. Isolated faulted cable, restored power.	307	31,314	Equipment	Cable
5	7/27/2020	6:26 AM	18	NE section of City.	5T2	Outage. Closed on circuit 514 in attempt to restore power. Isolated underground fault, restored power.	338	6,084	Equipment	Cable
6	7/27/2020	11:05 AM	0	East along Main St. to S. Tyler and west along State St. to 9th St.	315 316	Outage - unknown cause. Automatic reclose.	729	0	Unknown	12.47-kV
Total of Interrupted Minutes								126,110		
Total SAIDI*							8.045			
Total of ComEd Interrupted Minutes								87,912		
Total SAIDI without ComEd							2.437			
*System Average Interruption Duration Index (SAIDI)										

