

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: August 26, 2019

Proposed Cost: \$

Budgeted Amount: \$

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

For Information Only.

Attachments (*please list*):

July 2019 Outage Report

July 2019 Streetlight Repair Report

Recommendation/Suggested Action (*briefly explain*):

For information only.

**City of St. Charles
July 2019 (2) 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	7/1/2019	3:06 PM	10	Large portion of SE quadrant of the City	13156	No power. Loss of ComEd 13156. ComEd tried picking up previously failed line to Geneva and locked out breaker. They opened up the line and restored.	557	5,570	ComEd	13156
2	7/5/2019	3:04 PM	66	S. 4th St. and S. 5th St.	624	Blown lateral fuse. Squirrel contact at top of cutout. Cleared squirrel from 'T' bracket, pulled ground away from bracket. Refused 40K lateral.	16	1,056	Animal	Squirrel
3	7/6/2019	8:36 PM	79	Dunham Place	713	Primary cable fault. Isolated bad span and restored customers using loop feed.	32	2,528	Equipment	Cable
3	7/6/2019	8:36 PM	0	Large section of the Fox Chase area, half of East HS.	713	Primary cable fault caused momentary on the entire circuit.	668	0	Equipment	Cable
4	7/8/2019	7:26 AM	60	St. Pat's, Cedar St.	315	No power. Squirrel blew transformer fuse and lateral fuse. Removed wildlife and re-fused line after checking equipment.	1	60	Animal	Squirrel
5	7/8/2019	2:00 PM	105	Valley Surgery Center - Dean St.	216	Customer Issue. Scheduled outage for shunt trip repairs.	1	105	Scheduled	Customer
6	7/24/2019	7:09 AM	0	Cedar St., 7th St., Rt. 31, N. Rt. 25,	313/314	No power, instantaneous breaker operation. Squirrel on N. 7th St. Patrolled line and removed wildlife.	450	0	Animal	Squirrel
Total of Interrupted Minutes								9,319		
Total SAIDI*							0.595			
Total of ComEd Interrupted Minutes								5,570		
Total SAIDI without ComEd							0.239			
*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
2019	873	5.7

2020

Month Light Was Repaired	Number of Lights Repaired	Average Days to Repair
May	27	10.0
June	27	5.7
July	24	6.1
August		
September		
October		
November		
December		
January		
February		
March		
April		