



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: October 23, 2017

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For Information Only.

Attachments *(please list):*

* September 2017 Outage Report * September 2017 Streetlight Repair Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

City of St. Charles
September 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	9/4/2017	7:15 AM	55	200 block of 18th St.	214	Squirrel on line. Re-fused line and patrolled line.	24	1,320	Animal	Squirrel
2	9/9/2017	10:31 AM	60	1400 block of 5th & 6th St.	624	Bad connection on secondary lead cable on transformer. Installed jumper and replaced connection.	8	480	Equipment	Connector
3	9/9/2017	5:29 PM	71	Oak St. to Prairie St. from 7th St. to 9th St.	333	Wire pulled out of arresstor clamp and short circuited. Replaced arresstor, replaced fuse.	44	3,124	Equipment	Arrester
4	9/13/2017	9:15 AM	65	100 S. 3rd St.	333	Hooked up to new underground feed and restored power as part of new business project.	5	325	Scheduled	Customer
5	9/13/2017	9:50 AM	30	101 S. 2nd St.	333	Hooked up new feed to funeral home and restored power as part of new business project.	1	30	Scheduled	Customer
6	9/15/2017	7:05 AM	34	Lincoln Hwy., Randall Rd., Bricher Rd.	626	No power - breaker lock out. Squirrel on recloser in substation. Switched out circuit to 813.	379	12,886	Animal	Squirrel
6	9/15/2017	7:05 AM	25	Prairie, Westfield Park, 4th, 5th, 6th, 7th Streets, SW side of town.	624	No power - breaker lock out. Squirrel in substation 626 breaker. Removed wildlife and switched out circuit to 331.	775	19,375	Animal	Squirrel
6	9/15/2017	7:05 AM	28	Walnut, 18th, 19th Streets, Oak St., Wessel Ct., Randall Rd.	622	No power - breaker lock out. Squirrel on recloser in substation. Removed wildlife and switched out circuit to 813.	482	13,496	Animal	Squirrel
7	9/20/2017	6:18 PM	132	300 block between 12th St. and 13th St.	214	Pole caught fire due to ground wire issue, and took out fuse. Made temporary repairs and restored power.	11	1,452	Equipment	Arrester
7	9/20/2017	6:18 PM	177	306 S. 13th St.	214	Blown fuse. Repaired secondary service cable.	1	177	Equipment	Arrester
8	9/23/2017	7:30 AM	30	555 S. Kirk Rd.	513	Shut off power and hooked up new 400 amp service. Turned power back on.	4	120	Scheduled	Customer
9	9/27/2017	7:04 AM	31	17th St., north of Dean St.	222	Arrester failure took out fuse. Isolated arrester and restored power.	4	124	Equipment	Arrester
						Total of Interrupted Minutes		52,909		
						Total SAIDI*			3.386	
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd			3.386	
						*System Average Interruption Duration Index (SAIDI)				

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

September repair exceptions:

There were no lights that took longer than 10 days to fix due in September.