	AGENDA ITEM EXECUTIVE SUMMARY			Agenda Item number: 3.a			
	Title: Electric Reliability Report – Information Only						
ST. CHARLES	Presenter:	Tom Bruhl					
Meeting: Government Services Committee Date: November 27, 2017							
Proposed Cost: \$		Budgeted Amo	unt: \$	Not Budgeted:			
Executive Summary (if not budgeted please explain):							
For Information Only.							
Attachments (please list):							
* October 2017 Outage Report * October 2017 Streetlight Repair Report							
Recommendation/Suggested Action (briefly explain):							
For information only.							

## City of St. Charles October 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	10/3/2017	11:07 AM	19	Sub 5, CMD, NE and SE sides of town, Swift, E. Main St., Dukane, Wallace, Tyler, Industrial, Ohio, 37th and 38th Avenues	512, 514, 516, 532, 534, 536	Lock out relay failure. False voltage to trip coil. Removed printed circuit board that failed, switched circuits to 5T1 and 5T3.	642	12,198	Equipment	Relay
2	10/4/2017	4:30 PM	105	1205 Howard St.	333	Underground service cable failure. String in temporary service.	1	105	Equipment	Service
3	10/5/2017	2:45 PM	45	1260 & 1262 Fellows St.	626	Contractor damaged service cable. We turned off power, made repairs, and restored power.	2	90	Others	Dig-In
4	10/6/2017	8:00 AM	85	213 Walnut St.	333	Branch took out overhead service cable. Spliced cable.	1	85	Tree	Small Branch
5	10/7/2017	7:30 AM	15	941 Enterprise	535	Customer requested outage. De-energized transformer to hook up to new service.	1	15	Scheduled	Customer
6	10/21/2017	7:11 AM	60	N. 2nd Ave. / Iroquois Ave.	334	Blown transformer fuse @ 832 N. 2nd Ave. Squirrel got between lead from H1 to cutout at pole. Replaced top and bottom of cutout and installed new arrester with #2 Hendrix.	6	360	Animal	Squirrel
						Total of Interrupted Minutes		12,853		
						Total SAIDI*			0.823	
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd			0.823	
						*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
October	54	3.7

October repair exceptions:

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