

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost: \$

Budgeted Amount: \$

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

For Information Only.

Attachments *(please list):*

June 2019 Outage Report

June 2019 Streetlight Repair Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
June 2019 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	6/1/2019	11:07 PM	0	Foxfield on the north, Kirk Rd. on the east, Production on the south, and Dunham on the west.	715	Mouse in switchgear - automatic reclose.	463	0	Animal	Mouse
1	6/2/2019	11:45 AM	30	Foxfield, Hampton Inn, Bank, outpatient clinic.	715	Mouse in switchgear - switch out affected span to clean and test and put back in service.	3	90	Animal	Mouse
2	6/12/2019	7:57 AM	0	Large sections of northeast and southeast quadrants.	L13154	ComEd had an instantaneous operation on 13154. They had 13156, 11167 abnormal and that load on 13154 causing loss of power to all 3. Cause unknown/undetermined. No action taken, ComEd patrolled line, no cause found.	2665	0	ComEd	L13154
3	6/26/2019	7:05 PM	0	Rt. 31 corridor from RR tracks to northern city border. Includes Timbers, Wildrose Springs, North High School, Rivers Edge, and the Reserve.	224	Cause unknown - suspect lightning. City crews patrolled the line on 6/27/19.	613	0	Unknown	12.47-kV
4	6/26/2019	7:07 PM	0	Large sections of the SW quadrant and part of Renaux Manor north of Rt. 64.	L56931	15 second momentary outage. Loss of ComEd 56931. No action taken. OA-RA.	2896	0	ComEd	L56931
5	6/30/2019	1:48 AM	56	Downtown, Sub 3/Bay 1, Sub 6/Bay 1, Costco, Randall, W. Main, Prairie, Rt. 38, Lowes, 7th Ave., Rt. 25, Indiana Ave., PW Complex, State St., Cedar St., E. Main, Hunt Club, Q-Center	13150	ComEd 13150 lock-out. Down wire in West Chicago. Switched around 13150, moved load to 7962 and 56931. City Hall Sub customers restored first.	2627	147,112	ComEd	13150
5	6/30/2019	1:48 AM	67	Downtown, Sub 3/Bay 1, Sub 6/Bay 1, Costco, Randall, W. Main, Prairie, Rt. 38, Lowes, 7th Ave., Rt. 25, Indiana Ave., PW Complex, State St., Cedar St., E. Main, Hunt Club, Q-Center	13150	ComEd 13150 lock-out. Down wire in West Chicago. Switched around 13150, moved load to 7962 and 56931. Prairie Street Substation customers restored shortly after City Hall Sub.	407	27,269	ComEd	13150
6	6/30/2019	1:54 PM	40	CMD, Sub 5, Transformer 3, Cumberland, Patricia, Division, Ohio, Kautz, 37th Ave.	13156	No power. Loss of ComEd 13156, lock-out. Switched load to 13155-11167. ComEd line problem south of St. Charles in Geneva.	557	22,280	ComEd	13156
7	6/30/2019	2:17 PM	103	200-300 block of N. 7th St.	226	Storm blew down large tree limb. Removed tree and put wires back.	6	618	Weather	Wind
Total of Interrupted Minutes								197,369		
Total SAIDI*							12.591			
Total of ComEd Interrupted Minutes								196,661		
Total SAIDI without ComEd							0.045			
*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		
August		
September		
October		
November		
December		
January		
February		
March		
April		