



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: January 27, 2020

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For Information Only.

Attachments *(please list):*

November 2019 Outage Report
December 2019 Outage Report

November 2019 Streetlight Repair Report
December 2019 Streetlight Repair Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
November 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	11/15/2019	11:11 AM	0.0	Illinois Ave., 38th Ave., E. Main St.	511	Padmounted VFI switchgear switch malfunction @ 38 and Illinois. Closed switch back onto 736 within 30 seconds.	98	0	Equipment	Switch
2	11/19/2019	4:09 PM	0	Sub 7, Sub 5, CDC 1 Sub 9, north and east sides of town.	13154/13155	No power. ComEd loss of 13155 which was abnormal on 13154. Switch failed causing OA/RA on 13154.	1466	0	ComEd	13154/13155
3	11/19/2019	8:50 PM	60	1207 S. 10th St.	624	1/2 power. Service cable failure, result of new customer fence post. Isolated bad leg, jumped meter.	1	60	Others	Dig-in
4	11/24/2019	3:08 PM	0	Sub 8, Sub 6, west side of town, Harvest Hills, Renaux Manor, Rt. 38, Prairie, Davis, IYC, Youth Center	56931	No power. OA/RA line 56931 - Canadian goose on switch. ComEd had an instantaneous outage on line.	2896	0	ComEd	56931
5	11/24/2019	10:14 PM	0	Majestic Oaks, Charlemagne, E. Main St., Dunham, Foxfield, Kirk	733/734	Circuit 733/734 tripped and reclosed. Patrolled lines, no call of sustained outage. Cause was mouse in live front transformer at Kingswood Lift Station	1085	0	Animal	Mouse
6	11/26/2019	9:10 PM	80	3610 Matisse Dr.	811	1/2 Power. MetroNet hit service and failed 1 leg. Test and jumper socket.	1	80	Others	Dig-in
7	11/27/2019	11:00 AM	0	Sub 9, Sub 5, LDC 1	13155	Loss of ComEd 13155 momentarily twice. Once at 10:59 and once at 11:01. Failed components on line on the same pole in Geneva caused flash that expanded into/onto our Line causing it to operate. No damage or issues with L13155.	709	0	ComEd	13155
						Total of Interrupted Minutes		140		
						Total SAIDI*			0.009	
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd			0.009	
						*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	27	7.2
September	51	5.7
October	83	8.3
November	103	6.9
December	91	9.7
January		
February		
March		
April		