



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: April 23, 2018

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For Information Only.

Attachments *(please list):*

* February 2018 Outage Report

* February 2018 Streetlight Repair Report

* March 2018 Outage Report

* March 2018 Streetlight Repair Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

City of St. Charles
February 2018 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	2/23/2018	8:08 AM	13	Randall Rd., Prairie St., Route 38, Costco, Meijer, Jewel, Lowes	611, 614, 615, 616	Squirrel made contact with bushing on 35kV breaker. Isolated Bay 1 and transformer, picked up 12 kV bus and customers from transformer 2 - 56931	407	5,291	Animal	Squirrel
2	2/27/2018	12:07 PM	0	Sub 8, Sub 6, Harvest Hills, Renaux, IYC, Tri-Com, Fairgrounds	56931	Loss of ComEd transmission line feed. No action required. ComEd lost a transmission line feeding 56931. Auto restored in 20 seconds.	1572	0	ComEd	56931
						Total of Interrupted Minutes		5,291		
						Total SAIDI*	0.338			
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd	0.338			
						*System Average Interruption Duration Index (SAIDI)				

**City of St. Charles
March 2018 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	3/28/2018	8:00 AM	330	Richmond School, S. 12th St.	333	Scheduled outage to replace feed pole. Pulled old pole, set new pole, frame pole, and restore service.	1	330	Scheduled	SCMEU
						Total of Interrupted Minutes		330		
						Total SAIDI*	0.021			
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd	0.021			
						*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
November	115	6.5
December	39	4.1
January	89	7.0
February	50	4.7
March	67	4.4

March notes: 4 lights exceeded 10 days but were completed in 11 days

February notes: 1 light exceeded 10 days but was completed in 11 days