



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: November 28, 2016

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For information only.

Attachments *(please list):*

*October 2016 Outage Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
October 2016 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	10/1/2016	7:30 a.m.	105	600 Industrial Dr	514	Cut-over from overhead to underground feed	1	105	Scheduled	SCMEU
2	10/8/2016	10:36 a.m.	0	Randall Rd, Rt 38, Main St, 14th St, Prairie, 19th St, Fairview, Harvest Hills, Renaux, IYC, west side, Costco, Meijer, Lowes	56931	Loss of ComEd 56931 / OA/RA on 56931. Patrolled and found snapped guy wire from vehicle contact. Suspect farm implement caught guy wire, causing pole to move and phases to slap together.	3205	0	ComEd	56931
3	10/8/2016	1:32 p.m.	0	Sub 5, Swift, Wallace, Tyler, Illinois, W Main, Production, Industrial	11167	Loss of ComEd 11167 OA/RA / Loss of ComEd feed 11167 / None taken - patrolled City facilities. ComEd patrolled line, could not find conclusive evidence as to what caused the outage.	629	0	ComEd	11167
4	10/10/2016	7:45 p.m.	60	207 DeBruyne	222	Bad split bolt connection / Replaced service connections	1	60	Equipment	Connector
5	10/10/2016	1:00 p.m.	60	207, 211, 214 & 215 DeBruyne	222	Secondary sleeve failed / Replaced sleeve, restoring power	4	240	Equipment	Connector
6	10/11/2016	11:40 a.m.	120	1640 W Main St	222	Outage / Connections burned up at pole / Repaired service calbe & replaced connector	1	120	Equipment	Service
7	10/16/2016	10:43 p.m.	73	Fox Chase, Quarterhorse, Thoroughbred Cir, Triple Crown Ct	334	1 Phase cable fault / Isolated bad cable, switch through normal	40	2,920	Equipment	Cable
8	10/17/2016	7:15 p.m.	25	1400 block of South 2nd St	331	Lost 120v leg of single phase transformer / Tree fell down burning service on the ground / Replaced transformer	9	225	Weather	Wind
9	10/21/2016	5:40 a.m.	108	1850 & 1880 Lincoln Hwy	614	Shut off power / City outage / Replaced transformer & restored power	2	216	Scheduled	SCMEU
10	10/22/2016	7:52 a.m.	7	Part of Keim Trail & Winners Cup	334	City / Operator error / Misread map	36	252	Utility Error	n/a
11	10/31/2016	2:38 p.m.	12	317 Illinois St	333	Shut off power / Cut service over to new cables / restored power	6	72	Scheduled	SCMEU
						Total of Interrupted Minutes		4,210		
						Total SAIDI*		0.273		
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd		0.273		
						*System Average Interruption Duration Index (SAIDI)				