

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.a.

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: January 23, 2017

Proposed Cost: \$

Budgeted Amount: \$

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

For information only.

Attachments *(please list):*

* November 2016 Outage Report * December 2016 Outage Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
December 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	12/1/2016	12:37 a.m.	53	S 7th Ave & Division St	13154	MVA car vs pole / Isolate 13154 pick up load on 13167 @ Sub 7	1462	77,486	ComEd	L13154
2	12/4/2016	11:45 p.m.	0	NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall	13154	OA/RA on Line 13154 / no City action taken / loss of ComEd 13154/ Investigation resulted in snow plow pole contact in West Chicago caused phases to slap together	1462	0	ComEd	L13154
3	12/5/2016	4:38 p.m.	0	Stern Ave, Stetson Ave, Swenson Ave	513	Instantaneous breaker operation / unknown cause * suspect wet snow 6+ inches caused flashover on the overhead system	43	0	Unknown	
4	12/16/2016	4:00 p.m.	10	1502 Allen	334	Archon damaged cable hand digging / String in temp service	1	10	Others	Dig-In
5	12/17/2016	11:30 a.m.	60	1024 Dean - 1100 Dean & N 12th St	222	Bad secondary main/service connections / replace all connections	14	840	Equipment	Connector
5	12/17/2016	11:30 a.m.	120	1024 Dean - 1100 Dean & N 12th St	222	Bad secondary main/service connections / replace all connections	6	720	Equipment	Connector
6	12/23/2016	9:10 a.m.	55	2551 Dukane Dr	533	Single phasing / Broken 12kv cutout on pole / Isolated problem & switched to alternate feed	2	110	Equipment	Switch
						Total of Interrupted Minutes		79,166		
						Total SAIDI*		5.132		
						Total of ComEd Interrupted Minutes			77,486	
						Total SAIDI without ComEd		0.109		
						*System Average Interruption Duration Index (SAIDI)				