



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: February 27, 2017

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For Information Only.

Attachments *(please list):*

* January 2017 Outage Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
January 2017 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	1/6/2017	1:30 p.m.	60	930 Spring Ave	311	City 1/2 power / Bad connection at pole / Replaced connections at pole	1	60	Equipment	Connector
2	1/11/2017	2:25 a.m.	138	100 block of Illinois St south side of street - Fox Island Square	312	Overhead to underground conversion / Scheduled / De-energized overhead feed & terminated & energized new underground feed	10	1,380	Scheduled	SCMEU
2	1/11/2017	2:25 a.m.	179	100 block of Indiana St	312	Overhead to underground conversion / Scheduled / De-energized overhead feed & terminated & energized new underground feed	6	1,074	Scheduled	SCMEU
3	1/16/2017	8:55 A.M.	30	1400 S 13th Ave (Munhall School)	311	Damaged meter base / Replaced meter base, restored power	1	30	Equipment	Metering
4	1/18/2017	9:30 a.m.	30	1512 Williams Ave	512	1/2 power / Faulted underground service cable / Excavated & repaired cable, restored power	1	30	Equipment	Service
5	1/18/2017	11:55 a.m.	10	1512 & 1514 Williams Ave	512	Bad secondary connector in pedestal / Replaced secondary connector & restored power	2	20	Equipment	Connector
6	1/27/2017	9:09 a.m.	53	102 S 13th Ave	316	Faulted arrester / Isolated arrestors, restored power	6	318	Equipment	Arrester
6	1/27/2017	9:09 a.m.	0	Cedar Street area and East Main Street Corridor from 11th Ave to Tyler.	315/316	Momentary recloser operation related to failed arrester at 102 S. 13th Ave	729	0	Equipment	Arrester
7	1/30/2017	9:00 a.m.	150	808 & 820 N 5th Ave	314	Shut off power / Replaced transformer, terminated new primary cable & metering equipment, restored power	2	300	Scheduled	SCMEU
8	1/31/2017	9:40 p.m.	60	Park Shore Apts	331	No power / Switch out circuit, isolate bad cable, re-energize from back up feed	112	6,720	Equipment	Cable
9	1/31/2017	9:40 p.m.	0	S Rt 31, 1st St, Indiana Ave south of Rt 64, east & west sides of river	331/332	331-332 Breaker trip & close / Single phase cable fault at 1000 Geneva Rd / Instantaneous breaker operation	1366	0	Equipment	Cable
						Total of Interrupted Minutes		9,932		
						Total SAIDI*	0.636			
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd	0.636			
						*System Average Interruption Duration Index (SAIDI)				