



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: April 24, 2017

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For Information Only.

Attachments *(please list):*

* March 2017 Outage Report

Recommendation/Suggested Action *(briefly explain):*

For information only.

**City of St. Charles
March 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	3/7/2017	1:05 AM	0	NE and SE quadrants, including Smithfield	11167	Loss of ComEd 11167 during storm (high winds). Line reclosed automatically - no sustained outage.	642	0	ComEd	11167
2	3/7/2017	2:08 AM	147	N. 12th St. / Dean St.	222	Rotten pole broke off in high winds, breaking #6 copper primary, blowing lateral fuse. / Spliced #6 primary & placed in hot arm temporarily. Refused lateral fuse on N. 12th St.	30	4,410	Weather	Wind
3	3/8/2017	12:45 PM	45	200 block of S. 19th St.	622	H2 transformer bushing connection came loose due to high winds.	12	540	Weather	Wind
4	3/8/2017	1:15 PM	195	103, 109, 111 N. 4th Ave.	316	Large tree uprooted in back of 109 N. 4th Ave., contacting service triplex to 103 N. 4th Ave., tearing off service mast. Also, 1/0 AL triplex section main started to arc and burn down.	4	780	Weather	Wind
4	3/8/2017	1:15 PM	258	103 N. 4th Ave.	316	Large tree uprooted in back of 109 N. 4th Ave., contacting service triplex to 103 N. 4th Ave., tearing off service mast. Also, 1/0 AL triplex section main started to arc and burn down.	1	258	Weather	Wind
5	3/16/2017	2:20 PM	77	1100 Geneva Rd.	331	Found bad neutral connection, made repairs and restored power.	5	385	Equipment	Connector
6	3/17/2017	6:44 AM	0	Area bounded by RR tracks on north, Randall Rd. on east, Bricher Rd. on south, and boundary of City on the west.	56931	ComEd line 56931 experienced momentary outage lasting 14 seconds. ComEd patrolled and did not find conclusive evidence as to what caused the outage.	1165	0	ComEd	56931
7	3/27/2017	1:30 PM	240	65 Roosevelt & services from transformer.	331	Squirrel	10	2,400	Animal	Squirrel
8	3/30/2017	2:04 PM	38	Walnut St. to the North, 18th St. to the East, Rt. 38 to the South, Randall Rd. on the West, plus Covington Ct. & Binny's, area around NW corner of Rt. 31 and 14th St., 615 S. Randall strip mall, and the Moose Lodge.	622	Cold shrink 350MCM splice fault in manhole on Randall Rd.	561	21,318	Equipment	Cable
						Total of Interrupted Minutes		30,091		
						Total SAIDI*	1.926			
						Total of ComEd Interrupted Minutes		0		
						Total SAIDI without ComEd	1.926			
						*System Average Interruption Duration Index (SAIDI)				