

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: June 26, 2017

Proposed Cost: \$

Budgeted Amount: \$

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

For Information Only.

Attachments (*please list*):

* May 2017 Outage Report

Recommendation/Suggested Action (*briefly explain*):

For information only.

**City of St. Charles
May 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	5/4/2017	6:42 AM	43	S. 5th Ave.	312	Animal / Re-fused 25k lateral and replaced arrester on transformer.	9	387	Animal	Bird
2	5/16/2017	4:39 PM	21	Randall, 38, Harvest Hills, Renaux Manor west of Randall, north and south of Rt. 64.	L56931	Loss of ComEd feed 56931. ComEd switched to 8331 then to 57736.	2896	60,816	ComEd	L56931
3	5/16/2017	7:00 PM	60	633 Geneva Rd.	331	1/2 power. Burned up meter socket. Gave temporary power to 1/2 meter.	1	60	Others	Customer
4	5/17/2017	7:00 PM	15	14th St., 15th St., Howard St., Evergreen St., Oak St.	214	Fallen tree at 1626 Howard St. on pole, primary and secondary. Opened fuse at 15th St. & Oak St. to isolate tap and re-energize all customers except Howard St. and Evergreen St.	56	840	Weather	Wind
5	5/17/2017	7:00 PM	20	7th St. & Oak St.	624	Large tree fell on lines. Removed tree and restored power.	12	240	Weather	Wind
6	5/17/2017	7:11 PM	0	Sub 7, The Quad, Pheasant Run Trails, Walmart, Fox Chase, Royal Fox, E. Main St., AMLI	L13154	Loss of ComEd 13154 - Auto reclosed.	1466	0	ComEd	13154
7	5/17/2017	11:10 PM	70	313-314 Cedar St., Rt. 31, Baker Hotel, 2nd, 3rd, 4th, 5th, 6th, 7th Streets, Q-Center, Rt. 25, Woods of Fox Glen, Persimmon	313	Tree down at 6th St. & Cedar Ave. Opened feed from switchgear at 3rd & Cedar, pulled up primary neutral sleeve, closed back in. 450 customers 3-breaker operational, 23 customers sustained midnight to 12:20 a.m.	23	1,610	Weather	Wind
8	5/17/2017	11:18 PM	42	Sub 5 Bay 1, Illinois Ave., Kautz, Ohio, Swenson, Stetson, Stern, Commerce, Wallace, Madison, Cambridge.	L13155	Loss of ComEd 13155 during wind storm. Isolated 13155, picked up load on 13154.	708	29,736	ComEd	131553
9	5/17/2017	11:38 PM	0	Timbers, Wildrose Springs, Redgate, N. 17th St.	224	Wind storm. 613 customers experienced an instantaneous outage. 1 breaker operation.	613	0	Weather	Wind
9	5/17/2017	11:38 PM	109	Wildrose Springs	224	Wind / tree. Pulled up phase that burned down and restored power.	68	7,412	Weather	Wind
10	5/18/2017	12:00 AM	1020	714 Cedar Ave.	311	Tree pulled service off of house. Removed tree. Customer to follow up with electrician.	1	1,020	Weather	Wind
11	5/18/2017	1:11 AM	16	Wildrose Springs, Timbers, Redgate, N. 17th St.	224	Tree/wind/storm. Tree at Timbers Trail and 31 fell. Dump breaker to safely pull up center phase to restore all customers.	485	7,760	Weather	Wind
12	5/18/2017	2:00 AM	120	102-112 N. 5th Ave.	3	Tree on secondary main. Repaired wire and re-hung on pole.	3	360	Weather	Wind
13	5/18/2017	5:00 AM	360	1219 S. 4th St.	331	Tree pulled service off of house. Re-hung service on house (new service). Customer to follow up with electrician.	1	360	Weather	Wind
14	5/18/2017	5:00 AM	300	40 N. 12th Ave.	316	Wind storm. Installed new service after storm. Customer to follow up with electrician.	1	300	Weather	Wind
15	5/18/2017	5:00 AM	1	N. 12th St.	316	Wind storm. Opened transformer to unwrap open wire.	12	12	Weather	Wind
16	5/18/2017	3:30 PM	50	1100 & 1200 blocks of S. 2nd and S. 4th St.	331	Wind storm. Large tree on primary and secondary main. Primary tie broken on another pole south.	35	1,750	Weather	Wind

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17	5/19/2017	10:06 AM	28	2075 Prairie St. (strip mall), and 2073 Prairie St. (Jewel).	614	Faulted underground primary cable blew fuse. Isolated bad cable and re-fused.	3	84	Equipment	Cable
18	5/19/2017	10:06 AM	79	700 S. Randall Rd. (5/3 Bank), traffic lights at Randall & Lincoln Hwy., and streetlight feed on Randall and Lincoln Hwy.	614	Faulted underground primary cable blew fuse. Tested and energized cables to pick up load on circuit 622.	3	237	Equipment	Cable
						Total of Interrupted Minutes		112,984		
						Total SAIDI*	7.231			
						Total of ComEd Interrupted Minutes		90,552		
						Total SAIDI without ComEd	1.436			
						*System Average Interruption Duration Index (SAIDI)				