



ST. CHARLES
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Please check appropriate box:

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 06.27.16
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost: \$ Budgeted: YES NO

If NO, please explain how item will be funded:

Executive Summary:

For information only.

Attachments: *(please list)*

*May 2016 Outage Report

Recommendation / Suggested Action *(briefly explain):*

For information only.

For office use only: Agenda Item Number: 3.a

City of St. Charles
May 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	5/7/2016	5:32AM	0	NW quadrant	L57736	ComEd automatic reclose. Blown arresters near Sterns and Randall. Lightning in the area at the time.	2906	0	ComEd	L57736
2	5/11/2016	8:30 AM	25	631 N. 3rd Ave.	314	Flickering lights caused by service triplex damaged in tree. Service was de-energized, spliced damaged piece out & re-sagged & then triplex was re-energized.	1	25	Equipment	Service
3	5/11/2016	11:02 PM	0	SE Quadrant	L13156	ComEd automatic reclose. At Rt. 38 and Kautz, lightning caused down guy insulator failure and subsequent guy wire contact with line.	538	0	ComEd	L13156
3	5/11/2016	11:02 AM	0	SE Quadrant	L11167	ComEd automatic reclose. At Rt. 38 and Kautz, lightning caused down guy insulator failure and subsequent guy wire contact with line.	629	0	ComEd	L11167
3	5/11/2016	11:02 AM	0	NW quadrant	L13154	ComEd automatic reclose. At Rt. 38 and Kautz, lightning caused down guy insulator failure and subsequent guy wire contact with line.	1460	0	ComEd	L13154
4	5/11/2016	1:09 AM	0	SW Quadrant & W. of Randall Rd.	L56931	ComEd automatic reclose. Confirmed lightning hit.	3753	0	ComEd	L56931
5	5/11/2016	9:30 AM	210	Carroll Tower; 200 N. 2nd St.	313	Scheduled outage for transformer change out due to old transformer being rusted. New transformer was set.	108	22,680	Scheduled	SCMEU
6	5/12/2016	8:30 AM	140	1000 Geneva Rd.; Park Shore Apartments	331	Scheduled outage to cutover to new cable & change out transformer. Building was terminated, spliced single phase cable change out & single phase transformer.	100	14,000	Scheduled	SCMEU
7	5/14/2016	7:00 AM	120	408, 410 & 412 Illinois St.	333	Secondary main damaged by tree. De-energized secondary main, sleeved new triplex in, re-energized new triplex main.	3	360	Tree	Large Branch
8	5/19/2016	8:45 AM	15	300 blocks S. 12th & 13th St.'s	214	Squirrel on lightning arrestor. Re-fused & restored.	12	180	Animal	Squirrel
9	5/23/2016	6:59 AM	0	Dean, Randall, DeBruyne & W. Main.	222	Possible wildlife caused outage. No action taken patrolled line & switchgears.	1019	0	Unknown	Breaker/Recloser
10	5/24/2016	11:56 AM	28	E. of Tyler Rd. from N. of Main St. South	11167	Lost ComEd line due to Mylar balloons. Line 11167 was isolated & load was put on alternate feeds.	629	17,612	ComEd	L11167
11	5/25/2016	4:27 PM	67	Dean Street Corridor	222	Tree branch down on wire at Township Garage on Dean Street during storm and wind event. Isolated and restored via switching.	1019	68,273	Weather	Wind
						Total of Interrupted Minutes		123,130		
						Total SAIDI*	7.982			
						Total of ComEd Interrupted Minutes		17,612		
						Total SAIDI without ComEd	6.840			
						*System Average Interruption Duration Index (SAIDI)				