



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 04.25.16
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:	\$	Budgeted:	YES		NO	
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If NO, please explain how item will be funded:

Executive Summary:

For information only.

Attachments: *(please list)*

*March 2016 Outage Report

Recommendation / Suggested Action *(briefly explain):*

For information only.

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

**City of St. Charles
March 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	3/3/2016	2:26 AM	44	NE Quadrant	L13167	Insulator contamination on ComEd switch on Route 64 during snow event or possibly City arrester flashover	1384	60,896	ComEd	L13167
2	3/3/2016	11:19 AM	3	Timbers and Wildrose Springs	224	Utility Error - energized closed switch to unterminated cable as part of Route 31 relocation job. Southern half of Circuit 224 impacted.	309	927	Utility Error	Utility Error
3	3/4/2016	10:39 PM	37	NE Quadrant	L13167	City arrester failure at terminal pole. Possible contamination or possible over voltage from 1/29/16 event.	1384	51,208	Equipment	Arrester
4	3/5/2016	1:49 PM	41	3879 E. Main St.; PNC Bank	736	Scheduled outage for new construction.	1	41	Scheduled	SCMEU
5	3/13/2016	6:21 AM	0	Rt. 64 to Division & S. Tyler to Kautz Rd.	111/511/513/515	Raccoon on top of 5T1 caused ComEd OA/RA on L13155, automatic recloser.	702	0	Animal	Raccoon
6	3/16/2016	1:15 PM	60	301 Division St.	312	Flickering lights. Secondary connector failure. Connections were replaced.	1	60	Equipment	Connector
7	3/18/2016	7:25 AM	40	S. 10th Ave.	311	Squirrel came in contact with underground riser. Riser cable isolated & power was restored.	32	1,280	Animal	Squirrel
8	3/18/2016	10:26 AM	0	NE Quadrant	733/734 & 534	Momentary outage caused by a mouse that made contact in switchgear. Switchgear was checked and mouse was removed.	1125	0	Animal	Mouse
9	3/25/2016	9:56 AM	0	Red Gate area	112	Momentary outage - phase to phase flashover in switchgear north of North HS.	393	0	Equipment	Switch
9	3/25/2016	9:56 AM	49	North High School	112	Flashed-over in switchgear on Redgate W. of Rt. 31. Span was isolated that faulted & restored power with alternate resource.	2	98	Equipment	Switch
10	3/31/2016	1:10 PM	52	Walnut Dr. to S. 19th St., & Oak St. to Walnut St.	214	Tree branch on line after heavy rain event. Branch was removed, line inspected & refused.	80	4,160	Tree	Small Branch
						Total of Interrupted Minutes		118,670		
						Total SAIDI*	7.693			
						Total of ComEd Interrupted Minutes		60,896		
						Total SAIDI without ComEd	3.745			
						*System Average Interruption Duration Index (SAIDI)				