



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 02.22.16
<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)*

*February 2016 Outage Report

Recommendation / Suggested Action *(briefly explain):*

For information only.

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

**City of St. Charles
February 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	2/5/2016	6:45 AM	45	1700 Block S. 4th Ave. & S. 5th Ave.	311	Squirrel caused a blown fuse & damaged arresstor. Cut-out was replaced, arresstor & re-wired top side of transformer with Hendrix wire.	11	495	Animal	Squirrel
2	2/5/2016	9:00 AM	60	36W610 Marguerite	222	Faulty cut-out. Cut-out was replaced.	2	120	Equipment	Transformer
3	2/8/2016	3:58 AM	0	NE Quadrant	L11167	ComEd loss of L11167, PT failure.	1384	0	ComEd	L11167
4	2/9/2016	1:55 PM	5	202 - 206 S. 13th Ave.	316	Partial power; broken cut out on open Delta bank. Failed cut out was replaced & power was restored.	4	20	Equipment	Switch
5	2/20/2016	1:20 PM	60	3879 E. Main St.; PNC Bank	736	Shut off power to replace transformer than restored power when done. Work was in conjunction with new business work at TGI Fridays redevelopment.	1	60	Scheduled	SCMEU
6	2/28/2016	8:56 AM	0	Parts of NE and SE quadrants	514	2 breaker operations on 514. Caused by siding from hotel blowing off and contacting overhead line to Colonial on East Main.	294	0	Weather	Wind
6	2/28/2016	12:01 PM	0	Parts of NE and SE quadrants	514	2 breaker operations on 514. Caused by siding from hotel blowing off and contacting overhead line to Colonial on East Main.	294	0	Weather	Wind
6	2/28/2016	12:01 PM	100	1635 E. Main St. - Colonial	514	Overhead primary cable came down after contact with siding from adjacent hotel that blew off in heavy winds. Primary was put back up and power was restored.	1	100	Equipment	Cable
7	2/28/2016	8:05 PM	0	NE Quadrant	L13167	ComEd patrolled line in fault zone, did not find exact cause. Suspect contamination flashover.	1384	0	ComEd	L13167
8	2/25/2016	9:30 PM	270	1715 & 1716 S. 7th Ave.	311	Electrical house fire @ 1715 S. 7th Ave. Necessary cables were replaced and power was restored.	2	540	Others	Overload
9	2/28/2016	10:55 PM	25	1731 & 1735 S. 7th Ave. 518, 522 & 530 Moore Ave. & 1732 & 1735 S. 5th Pl.	311	Electrical house fire @ 1715 S. 7th Ave. Power shut off @ transformer, electrical hazard cleaned up & power was restored.	8	200	Others	Overload
						Total of Interrupted Minutes		1,535		
						Total SAIDI*				
						Total of ComEd Interrupted Minutes		495		
						Total SAIDI without ComEd	0.067			
						*System Average Interruption Duration Index (SAIDI)	0.032			