



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 07.25.16
<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)*

\*June 2016 Outage Report

### Recommendation / Suggested Action *(briefly explain):*

For information only.

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

**City of St. Charles  
June 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	6/1/2016	7:36 AM	47	Walnut Dr., Fairview Dr., S. 19th St.	214	Squirrel made contact from cut out bracket on cross arm to cut out lead. Lateral was energized at Walnut St.	80	3,760	Animal	Squirrel
1	6/1/2016	7:36 AM	60	Walnut Dr., Fairview Dr., S. 19th St.	214	Squirrel made contact from cut out bracket on cross arm to cut out lead. Lateral was energized at Walnut St.	12	720	Animal	Squirrel
2	6/4/2016	5:28 AM	0	1st. St, Walnut St., E. Main St.	332	Trees on 332 suspected. Trees were trimmed.	1348	0	Unknown	Breaker/Recloser
3	6/4/2016	3:36 PM	0	Rt.25, Q Center, Stone Hedge, Woods of Fox Glen, St. Charles Country Club	313 & 314	Auto accident caused 3 breaker operations before it locked out. Wire down on Route 25.	314	0	Others	Vehicle
3	6/4/2016	3:36 PM	51	SE Quadrant	311 & 312	Due to auto accident 3T2 tripped off & locked out from 313/314 breaker malfunction. Bad equipment was isolated & re-energized bus from 3T1.	1427	72,777	Equipment	Recloser/Breaker
3	6/4/2016	3:36 PM	52	State St., E. Main, Hunt Club, Tyler, State Ave. & N. 9th Ave,	315 & 316	Due to auto accident 3T2 tripped off & locked out because 313/314 breaker malfunction. Bad equipment was isolated & re-energized bus from 3T1.	729	37,908	Equipment	Recloser/Breaker
3	6/4/2016	3:36 PM	206	Cedar St., S. 2nd St. to S. 6th St.	313	Auto accident broke pole at Rt. 25. 314 was isolated & 313 energized. Isolated circuit & picked up from circuit 334 & 313.	206	42,436	Others	Vehicle
3	6/4/2016	3:36 PM	87	NE Quadrant	314	Auto accident broke pole at Rt. 25. Isolated circuit & picked up from circuit 334 & 314.	96	8,352	Others	Vehicle
3	6/4/2016	3:36 PM	780	Rt. 25 800 - 1000 blocks.	314	Auto accident broke pole at Rt. 25. Pole was replaced after Nicor cleared scene from natural gas fire.	12	9,360	Others	Vehicle
4	6/6/2016	5:30 AM	42	1805 S. 7th Ave.; Union/Moore Ave.	311	Squirrel made contact on line side of transformer. 40k lateral was re-fused at 7th Ave.	26	1,092	Animal	Squirrel
5	6/6/2016	7:27 PM	41	D303, TriCom area.	813	Snake in IYC switchgear. Snake was removed, gear was checked & re-energized.	6	246	Animal	Snake
5	6/6/2016	7:27 PM	83	IYC & STP	813	Snake in IYC switchgear. Snake was removed, gear was checked & re-energized.	2	166	Animal	Snake
6	6/8/2016	4:56 PM	0	Eastside Quadrant	13156	Loss of ComEd feed 13156 instantons breaker operation. No action needed by City.	538	0	ComEd	L13156

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7	6/8/2016	5:36 PM	54	Walnut St., 19th St. & Fairview Dr.	214	Blown arresstor blew lateral fuse. Area was isolated & line was re-fused.	81	4,374	Equipment	Arrester
8	6/11/2016	4:53 AM	80	718 Prairie St.	624	Failed cutout for underground transformer. Cutout was replaced & power was restored.	2	160	Equipment	Switch
						<b>Total of Interrupted Minutes</b>		<b>181,351</b>		
						<b>Total SAIDI*</b>	<b>11.756</b>			
						Total of ComEd Interrupted Minutes		<b>0</b>		
						Total SAIDI without ComEd	<b>11.756</b>			
						*System Average Interruption Duration Index (SAIDI)				