



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 07.28.14
<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 2014 Outage Report.

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

For information only.

*For office use only:*

*Agenda Item Number: 3.a*

City of St. Charles  
June 2014 Outages

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	6/11/2014	8:42 AM	18	410 S. Kirk Rd.	516	Switchgear Failed	2	36	Others	Equipment
2	6/16/2014	9:00 PM	60	838 Stuarts Dr.	734	Transformer damaged by contractor.	4	240	Others	Landscaper
3	6/18/2014	1:06 PM	29	625 N. 12th St.	222	Overhead cable failure.	1	29	Equipment	Service
4	6/19/2014	9:00 AM	40	Jackson & Adams Ave.	312	Scheduled outage.	6	240	Scheduled	St. Charles
5	6/19/2014	4:30 PM	0	System	L13154	ComEd line lost.	1460	0	ComEd	L13154
6	6/23/2014	10:30 AM	3	Wildrose Springs	224	Scheduled outage.	60	180	Scheduled	St. Charles
7	6/23/2014	10:40 AM	70	700 block Monroe Ave.	312	Scheduled outage.	5	350	Scheduled	St. Charles
8	6/23/2014	1:00 PM	20	608, 613 & 703 S. 7th Ave.	312	Scheduled outage.	3	60	Scheduled	St. Charles
9	6/24/2014	3:30 PM	0	Prairie 14th St. to 7th St.	626	Underground mainline cable failure - momentary outage on entire circuit	350	0	Equipment	Cable
9	6/24/2014	3:30 PM	81	2000 block of Lincoln Highway.	626	Underground mainline cable failure	20	1,620	Equipment	Cable
9	6/24/2014	3:30 PM	94	Prairie 14th St. to 7th St.	626	Underground mainline cable failure	320	30,080	Equipment	Cable
9	6/24/2014	3:30 PM	179	1900 block of Lincoln Highway	626	Underground mainline cable failure	10	1,790	Equipment	Cable
9	6/24/2014	3:57 PM	0	Large portion of SW quadrant + small portions of other 3 quadrants	L13150	Underground mainline cable failure on 626 while Prairie Sub was fed entirely from L13150	4516	0	Equipment	Cable
10	6/25/2014	1:30 PM	30	702 S. 6th Ave.	312	Scheduled outage.	1	30	Scheduled	St. Charles
11	6/30/2014	9:21 PM	0	S.W. side of town	56931	ComEd line lost.	2795	0	ComEd	L56931
12	6/30/2014	9:48 PM	0	S.W. side of town	56931	ComEd line lost.	2795	0	ComEd	L56931

City of St. Charles  
June 2014 Outages

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
13	6/30/2014	10:26 PM	42	Ronzheimer, Edward Ave	311	Weather	38	1,596	Weather	Lightning
14	6/30/2014	11:09 PM	85	S 12th Ave, Hidden Glen, Fern Ave	311	Weather	34	2,890	Weather	Lightning
15	6/30/2014	8:30 PM	75	Cedar Ave. & State Ave.	314	Weather	12	900	Weather	Lightning
						<b>Total of Interrupted Minutes</b>		<b>40,041</b>		
						<b>Total SAIDI*</b>	<b>2.596</b>			
						<b>Total of ComEd Interrupted Minutes</b>		<b>0</b>		
						<b>Total SAIDI without ComEd</b>	<b>2.596</b>			
						<b>*System Average Interruption Duration Index (SAIDI)</b>				