



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	<input checked="" type="checkbox"/>	Government Services 07.23.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost: \$ Budgeted: YES NO

If NO, please explain how item will be funded:

### Executive Summary:

For your information

### Attachments: *(please list)*

June 2012 Outage Report

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

For information only

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

City of St. Charles  
June 2012 Outages

OUTAGE No.	DATE, TIME OFF, DAY	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE	ACTION	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	6/10/12 3:20PM Sunday	30	1330 W. Main St.	214	Service conductor burning in tree.	Power was shut off, conductor was repaired and the power was restored.	12	360	Tree	Small Branch
2	6/10/12 5:51PM Sunday	44	1584 N. 5th Ave.	314	Customer problem with main breaker.	Customer was advised to check & reset all breakers, still no power, problem was in main breaker.	1	44	Others	Customer Equipment
3	6/11/12 10:40AM Monday	40	12 & 18 S. 8th Ave, 713 E. Main St. and 801 E. Main St.	316	Poor connections on transformer pole.	Connections were replaced and power was restored.	4	160	Equipment	Connector
4	6/15/12 8:40PM Friday	0	Along Dunham Rd. from Fairfax to Main St. at Foxfield E. of Kirk Rd.	733/734	Momentary outage caused by primary cable fault.	Automatic recloser operation.	990	0	Equipment	Cable
4	6/15/12 8:40PM Friday	80	600 Dunham Rd.	733	Primary cable fault.	Fault cable was isolated and power was restored.	1	80	Equipment	Cable
4	6/15/12 8:40PM Friday	140	2560 Foxfield Dr.	733	Primary cable fault.	Fault cable was isolated and power was restored.	1	140	Equipment	Cable
5	6/21/2012 7:00AM Thursday	60	501 State St.	315	Service cable damaged by contractor HI-hoe.	Service was repaired and re-energized.	1	60	Others	Vehicle
6	6/22/12 8:30AM Friday	5	1119 Ash St.	331	Blown fuse in customer panel.	Customer replaced fuse.	1	5	Others	Customer Equipment
7	6/24/12 9:32PM Sunday	33	Sub 3 and Sub 6. Central and south west quadrants of the City.	L13150	Lose of Edison line 13150. Broken pole inside West Chicago substation.	13150 was isolated from Edison, load was picked up on 13154 through 30013 + 30016.	2750	90,750	ComEd	L13150
8	6/26/12 4:30AM Tuesday	90	4th & 5th Place at Moore Ave.	311	Bad transformer connections.	Transformer was updated with new Ampact connections.	10	900	Equipment	Connector
9	6/27/12 9:30AM Wednesday	90	Milburn Ct./5th to 12th St.	626	Scheduled outage.	Replaced underground transformer.	9	810	Equipment	Transformer
10	6/28/12 8:30AM Thursday	40	712 S. 7th St. Units A & B	624	Bad connections at weatherhead. Aluminum & copper wires in split bolt connectors.	Old connectors were cut out & replaced with sleeve connectors.	2	80	Equipment	Connector
11	6/28/12 9:30AM Thursday	90	Horne St./Milburn St.	626	Leaking old transformer	Old 37 1/2 XFMR was removed & installed with 50 KVA XFMR 7200/120/140V.	10	900	Scheduled	SCMEU
12	6/29/12 9:30AM Friday	80	5th, 7th Ct./5th, 7th St.	624	Transformer was leaking oil.	Replaced with 50KVA 120/240V XFMR.	6	480	Scheduled	SCMEU
13	6/29/12 10:55AM Friday	0	State St. from 9th to 7th	226	Momentary recloser operation during heavy rain.	Automatic recloser operation.	30	0	Weather	Wind
14	6/29/12 10:56AM Friday	0	Odd addresses on 3rd St., even addresses on 4th St., S. of Horne	624	Momentary caused by tree branch.	Automatic recloser operation.	773	0	Tree	Large branch

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14	6/29/12 10:56AM Friday	129	Area bounded by Prairie, 14th St., Grey St. & 2nd St.	624	Tree branch took down primary line.	Line was isolated and wire was repaired.	52	6,708	Tree	Large branch
15	6/29/12 10:59AM Friday	0	SE Quadrant	L11167	ComEd momentary during heavy storm. Under investigation.	ComEd automatic reclose.	591	0	ComEd	L11167
13	6/29/12 6:22PM Friday	0	Area bounded by Kirk Road, Production Drive, 7th Ave, and Division	515	Momentary outage caused by primary cable fault.	Automatic recloser operation.	864	0	Equipment	Cable
13	6/29/12 6:22PM Friday	88	Jewel, Rita, Jobe, S. Tyler	515	Cable fault.	Fault cable was isolated and power was restored.	60	5,280	Equipment	Cable
						Total of Interrupted Minutes		106,757		
						Total SAIDI	6,921			
						Total of ComEd Interrupted Minutes		90,750		
						Total SAIDI without ComEd	1,038			
						*System Average Interruption Duration Index (SAIDI)				