



ST. CHARLES
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title: Electric Reliability Report – Information only

Presenter: Glynn Amburgey

Please check appropriate box:

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 1.23.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$	Budgeted:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
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If NO, please explain how item will be funded:

Executive Summary:

For your information

Attachments: *(please list)*

None

Recommendation / Suggested Action *(briefly explain):*

For information only

<i>For office use only:</i>	<i>Agenda Item Number: 3.a</i>
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City of St. Charles
December 2011 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	12/13/11 10:AM Tuesday	80	400 Block Jewel Ave.	311	Scheduled Outage; Transformer leaking.	Changed out leaking transformer.	8	640	Scheduled	SCMEU
2	12/15-16/11 9:15PM Thur/Fri	203	Goodies parking lot; 1022 Lincoln Hwy.	626	Shut off power.	Replaced switchgear, pulled wire and restored power.	1	203	Scheduled	SCMEU
3	12/16/11 10:45AM Friday	60	1639 E. Main St.; Jaws Car Wash	514	Outage; blown fuses.	Checked for problems and restored power.	1	60	Equipment	Fuse
4	12/17/11 9:10AM Saturday	70	State St. from 9th to 7th St.	226	Vehicle hit 3 phase pole.	Secured pole, transformers, 3 phase lines and moved them out of the way in order to replace pole. Vehicle was removed and power was restored.	30	2,100	Others	Vehicle
4	12/17/11 2:00PM Saturday	15	State St. from 9th to 7th St.	226	Outage; shut off power to complete repairs from car accident.	Transferred primary phases to new pole and restored power.	30	450	Others	Vehicle
5	12/19/11 5:15AM Monday	0	2210 Dean St.; Randallwood Office Park	216	Short circuit on transformer bushing caused primary fuse to blow.	Automatic Recloser Operation, triggered SCADA alarm.	252	0	Equipment	Transformer
5	12/19/11 5:15AM Monday	85	2210 Dean St.; Randallwood Office Park	216	Short circuit on transformer bushing caused primary fuse to blow.	Isolated span with fault and restored power. Increased clearance on transformer bushing.	20	1,700	Equipment	Transformer
6	12/21/11 7:50AM Wednesday	0	Aintree Area; 57 - 61 Stirrup Cup	713	Primary cable fault.	Automatic Recloser Operation, triggered SCADA alarm.	750	0	Equipment	Cable
6	12/21/11 7:50AM Wednesday	85	Aintree Area; 57 - 61 Stirrup Cup	713	Primary cable fault.	Isolated, tested, energized cable.	2	170	Equipment	Cable
7	12/27/11 1:16PM Tuesday	60	1100 Blk. N. 3rd Ave.	334	Arrester blew, blowing 10K lateral fuse.	Checked arrester and isolated it and refused the line.	3	180	Equipment	Arrester
8	12/30/11 6:29AM Friday	0	Bay 1, Sub 7, Charlestown Mall, Fox Ch. Blvd., Chasse Cr., Southgate Crse., Bridle Ct., Aintree, N. E. Quadrant + Anli and Dopaco on Kirk Rd	L13154	Com Ed automatic trip/reclose on L13154. Caused by burnt tap wire that came loose.	Non taken, trip/auto reclose, instantaneous operation. ComEd repaired the tap wire the same day.	1,420	0	ComEd	L13154
							Total of Interrupted Minutes	5,503		
							Total SAIDI *	0.357		
							Total of ComEd Interrupted Minutes	0		
							Total SAIDI without ComEd	0.357		
							*System Average Interruption Duration Index			