



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 08.27.12
<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 your information

### Attachments: *(please list)*

July 2012 Outage Report

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

For information only

*For office use only:*

*Agenda Item Number: 3.a*

**City of St. Charles  
July 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	7/1/12 12:10PM Sunday	0	Central part of City.	L7962	ComEd momentary during heavy storm.	ComEd automatic recloser operation.	2,190	0	ComEd	L7962
2	7/1/12 12:10PM Sunday	0	Area bounded by 12th St., RR tracks, Main St. and 6th St.	226	Tree branch on overhead by Applied Composites.	Automatic recloser operation.	30	0	Weather	Wind
2	7/1/12 12:10PM Sunday	0	Area bounded by river, N. Boundary of City, Randall Rd and RR tracks.	224	Tree branch on 226 overhead during heavy storm, plus imbalance on 224 caused ground current to exceed pickup values, causing trip.	Automatic recloser operation.	850	0	Weather	Wind
3	7/1/12 12:12PM Sunday	0	Area bounded by Main St., Tyler Rd., Division and 2nd St.	311 / 312	Tree broke pole on Madison Ave.	Automatic recloser operation.	1,116	0	Weather	Wind
3	7/1/12 12:12PM Sunday	678	Madison Ave., 10th Ave., 11th Ave. & 12th Ave.	311	Tree broke pole on Madison Ave.	Pole was replaced and wire was put back up.	46	31,188	Weather	Wind
4	7/1/12 12:17PM Sunday	248	NE Quadrant	L13154	ComEd lost L13154 during heavy storm.	ComEd re-energized.	1,557	386,136	ComEd	L13154
5	7/1/12 12:17PM Sunday	0	1st St. & NE Quadrant	333 / 334	Fault inside Q-Center during storm.	Two automatic recloses.	833	0	Customer	Equipment
5	7/1/12 7:11PM Sunday	0	1st St. & NE Quadrant	333 / 334	Momentary outage caused by trying to re- energize Q-Center while internal problem still present.	Advised customer.	833	0	Customer	Equipment
6	7/1/12 12:18PM Sunday	187	NE Quadrant	L13159	ComEd lost line during heavy storm.	City utilized internal 35 KV system to restore using other line (L11167)	1,296	242,352	ComEd	L13159
7	7/1/12 12:21PM Sunday	38	NW Quadrant	L57736	ComEd lost line during heavy storm.	ComEd restored.	2,764	105,032	ComEd	L57736
8	7/1/12 12:13PM Sunday	0	E. Main coordinating RR tracks to Tyler & Cedar St. area.	315 / 316	Tree broke pole behind McGrath Honda at E. Main.	Three recloser operations before lockout.	719	0	Weather	Wind
8	7/1/12 1:54PM Sunday	101	Cedar St. area.	315	Broken pole caused by tree on E. Main.	316 was isolated and 315 customers were restored.	114	11,514	Weather	Wind
8	7/1/12 1:53PM Sunday	100	Hunt Club, E. Main W. of 13th Ave.	316	Broken pole caused by tree on E. Main.	Outage area was isolated, some customers were restored via switching E. Main first.	100	10,000	Weather	Wind
8	7/1/12 12:13PM Sunday	113	Hunt Club	316	Broken pole caused by tree on E. Main.	This area was restored via switching.	467	52,771	Weather	Wind
8	7/1/12 12:13PM Sunday	582	E. Main between 13th & Tyler	316	Broken pole caused by tree on E. Main.	Pole was replaced & primary was reattached & cross arm on adjacent pole was fixed too.	30	17,460	Weather	Wind

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8	7/1/12 12:13PM Sunday	1672	1501 - 1509 Indiana Ave.	316	5 trees on primary wire.	Trees were removed and wires were fixed on Monday	8	13,376	Weather	Wind
9	7/1/12 12:23PM Sunday	0	SW Quadrant	624	Lightning blew fuse @ 1202 S. 7th St.	Patrol lined, fuse was replaced.	773	0	Weather	Lightning
9	7/1/12 12:23PM Sunday	780	1200 Block S. 7th St. & S. 6th St.	624	Lightning blew fuse @ 1202 S. 7th St.	Patrol lined, fuse was replaced.	11	8,580	Weather	Lightning
10	7/1/12 12:21PM Sunday	579	S. 17th St., Avalon Ct., Indiana Ave.	214	Huge tree fell into transformer pole.	Tree was removed and fuse was replaced.	50	28,950	Weather	Wind
11	7/1/12 12:21PM Sunday	1659	S. 19th St., Fairview, Walnut Dr. and Walnut St.	214	Broken pole caused by large tree.	Pole was replaced but couldn't complete on 7/1/12 had to start 1st thing Monday morning.	6	9,954	Weather	Wind
12	7/1/12 12:10PM Sunday	946	604 S. 6th Ave.	332	Tree ripped service down.	Tree was cleaned from road, customer has to replace meter fitting.	1	946	Weather	Wind
13	7/1/12 12:10PM Sunday	1101	204 S. 11th Ave.	332	Tree fell into service, burned connections.	Temporary repair, customer to replace riser & weatherhead.	1	1,101	Weather	Wind
14	7/1/12 12:10PM Sunday	1250	604 S Rt. 25	312	Tree took down service.	Tree was removed and service was replaced.	1	1,250	Weather	Wind
15	7/1/12 12:10PM Sunday	1310	Jones Woods north up 2nd Avenue	334	Wind pulled neutral out of automatic.	Connection was replaced.	1	1,310	Weather	Wind
16	7/1/12 12:10PM Sunday	1340	509 Cutler St.	624	Tree tore service down.	Drop was replaced after Electrician made repairs.	1	1,340	Weather	Wind
17	7/1/12 12:10PM Sunday	0	509 Walnut St.	331	Tree tore service down and burned meter fitting.	Wire was cleared, waiting for electrician repairs.	1	0	Weather	Wind
18	7/2/12 5:22AM Monday	256	SE Quadrant, circuits 531-536. Bus 2E & 3 were on 13156 since L11167 was picking up TR3 at Sub 7 since L13159 was still out.	L13156	ComEd lost L13156 due to tree damaged in storm.	ComEd restored.	568	145,408	ComEd	L13156
19	7/5/12 4:00PM Thursday	60	911 E. Main St.	332	Tree limb ripped service off house from 7/1/12 storm.	Removed tree limb and gave temporary power. Homeowner needs electrician to make repairs.	1	60	Weather	Wind
20	7/4/12 11:20AM Wednesday	65	619 W. Main St. and 11 S. 6th St.	333	Lightning; arrester blew taking out lateral fuse.	Arrester was removed and fuse was replaced in cut out.	2	130	Weather	Lightning
21	7/7/12 12:20PM Saturday	120	Hunt Club, Persimmon, Long Meadow, Steeple Chase, N. 12th Ave., & N. 11th Ave.	316	Excavator cut through existing primary at old Bakers Square while doing demolition and removing the foundation. Line was properly marked by JULIE.	Isolated, switched damaged cables to restore power. Permanent repair scheduled for Monday.	500	60,000	Others	Dig-In

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22	7/10/12 3:55PM Tuesday	90	Swenson, Enterprise Dr. & Commerce Dr.	513	Cable fault from XFMR to pole	Cable was repaired, power was restored.	7	630	Equipment	Cable
23	7/18/12 4:00PM Wednesday	60	TownHouse Books	311	Overloaded secondary drop	Temp fix done at night, permanent repair on Thursday morning	2	120	Equipment	Service
24	7/19/12 12:20AM Thursday	85	600 Blk Marion and Allen Ln., 1000 Blk N. 6th Ave.	314	Lightning blew arrester & fuse.	Arrester was isolated & fuse was replaced.	8	680	Weather	Lightning
25	7/19/12 12:01AM Thursday	0	Rt. 31; N. of 64, Timbers, Wildrose Springs, Thornly, Red Gate, Reserves & Traditions.	224	Storm/Tree	No action needed, tree operated breaker & cleared itself.	835	0	Tree	Small Branch
26	7/21/12 8:00AM Saturday	270	3950 Swenson Ave.	513	XFMR change-out.	XFMR was changed, primary was terminated & re-energized & switched to normal.	1	270	Scheduled	Outage
27	7/23/12 1:45PM Monday	30	1909 Pleasant Ave.	311	Bad connection in customers meter base.	Tested service wire, customer is going to contact an electrician to replace meter base.	1	30	Others	Customer
28	7/24/12 4:18AM Tuesday	0	Bounded by Stern Ave, Kirk Rd., Illinois Ave. and Kautz Rd.	533	Recloser operation caused by cable fault on Stern Ave.	Automatic recloser operation.	37	0	Equipment	Cable
29	7/24/12 7:10AM Tuesday	172	Stern Ave. from Kirk to 3626 Stern Ave.	533	Cable fault.	Faulted cable was isolated and loop was used to restore all customers. Fault found to be under pavement. Directional boring and cable replacement scheduled ASAP.	9	1,548	Equipment	Cable
30	7/24/12 6:28AM Tuesday	156	7th Ave. E. including Pleasant, Jay Ln., Lucylle, Jewel and Moore Ave.	311	Tree took down primary.	Tree was removed and primary was repaired.	62	9,672	Weather	Wind
31	7/24/12 12:34PM Tuesday	1	Dean St. from 9th to 17th St.	222	Tree branch @ 9th & Dean.	Power was killed to allow safe removal of branch.	25	25	Weather	Wind
32	7/24/12 6:28AM Tuesday	0	Cedar St. area & NE Quadrant from State & Riverside to Woods of Fox Glen & half of Q Center.	313	Tree on circuit 313 @ 7th & Cedar St.	3 automatic recloser operations. This was a branch that should have been trimmed.	538	0	Tree	Small Branch
33	7/24/12 9:10AM Tuesday	71	Cedar St. from 4th to 7th St.	314	Tree limb @ 7th & Cedar St.	Tree was removed and power was restored.	25	1,775	Tree	Small Branch
34	7/24/12 1:47PM Tuesday	15	Mosedale St. from Rt. 31 to 2nd & Elm, Pine & Ash St., E. to 3rd St, S. to Grey, Fellows & McKinley St.	331	Tree on primary.	Power was killed to allow safe removal of branch.	298	4,470	Weather	Wind
35	7/25/12 4:30PM Wednesday	60	851 Geneva Rd.	331	Tree fell pulling service triplex from pole.	Tree was removed, wire was re-attached & re-connected.	1	60	Weather	Wind

