



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 01.25.16
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:	\$	Budgeted:	YES		NO	
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If NO, please explain how item will be funded:

Executive Summary:

For information only.

Attachments: *(please list)*

*November & December 2015 Outage Reports

Recommendation / Suggested Action *(briefly explain):*

For information only.

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

**City of St. Charles
November 2015 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	11/3/2015	11:00 AM	0	N. 2nd Ave.	334	Scheduled outage for cut over to alternate phase.	12	0	Scheduled	SCMEU
2	11/6/2015	6:46 AM	0	SW side of town.	56931	ComEd tripped out & re-closed. Patrolled fault zone and found slack span wires got together in wind.	2795	0	ComEd	L56931
3	11/6/2015	6:56 AM	62	Redgate, Greenwood Ln. & Wexford Ct.	112	Cable fault. Restored all customers using loop switching.	30	1,860	Equipment	Cable
4	11/11/2015	9:42 AM	0	SW side of town.	56931	Loss of ComEd 56931. Patrolled fault zone 4 times without finding suspected cause.	2795	0	ComEd	L56931
5	11/12/2015	2:38 AM	0	Rt. 25, Q Center, Stonehedge, Fox Chase, S. 1st St. & Illinois St.	333/334	Large customer owned tree blew over on 3 phase 116 S. 7th St. Caused momentary outage due to station recloser response.	857	0	Weather	Wind
5	11/12/2015	2:38 AM	207	116 S. 7th St.	333	Large customer owned tree blew over on 3 phase 116 S. 7th St.	20	4,140	Weather	Wind
5	11/12/2015	4:09 AM	20	Part of Area bounded by Main, 4th Street, Prairie Street, and 13th St.	333	Large Tree. Had to de-energize section to cut taps to faulted section. After taps were cut, power was restored to customers not connected to the part of the line that the tree was on.	200	4,000	Weather	Wind
6	11/17/2015	2:30 PM	60	1502 W. Main St.	214	Electric service rubbed on tree.	1	60	Tree	Large Tree
7	11/17/2015	6:00 PM	90	116 State Ave.	334	Internal flickering lights.	1	90	Others	Customer
8	11/18/2015	4:45 AM	52	Large areas of the SE quadrant and a small section of the NE quadrant	11167	Broken ComEd pole in transmission ROW from large tree that fell in heavy winds. Outage restored by City crews switching to reserve capacity on other lines.	629	32,708	ComEd	L11167
9	11/24/2015	9:25 AM	0	SW quadrant - IYC, TriCom, West Treatment Plant, D303 Bus Barn, Bank north of Meijer's	813	SWGR flash. S&C horizontal switch insulator flash.	10	0	Equipment	Switchgear

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9	11/24/2015	12:17 PM	197	SW quadrant - IYC, TriCom, West Treatment Plant, D303 Bus Barn, Bank north of Meijer's	813	Scheduled outage to replace gear at Peck and Rt 38. S&C horizontal switch bushing flash. Moved MB Financial to 615, all others on 813 were out.	9	1,773	Equipment	Switchgear
10	11/27/2015	7:21 AM	49	North Ave. & Rt. 25	334	Squirrel caused no power.	12	588	Animal	Squirrel
11	11/27/2015	1:34 PM	0	E. side of town.	11167	Loss of ComEd 11167. ComEd patrolled and found blown arrester a few spans from previous tree contact.	629	0	ComEd	L11167
						Total of Interrupted Minutes		45,219		
						Total SAIDI*		2.931		
						Total of ComEd Interrupted Minutes			32,708	
						Total SAIDI without ComEd		0.811		
						*System Average Interruption Duration Index (SAIDI)				

