	AGEND	A ITEM EXECUTIVE SUMMARY	Agenda Item number: 3.a									
	Title:	Electric Reliability Report – Information Only										
ST. CHARLES	Presenter:	Tom Bruhl										
Meeting: Government Services Committee Date: March 27, 2017												
Proposed Cost: \$		Not Budgeted:										
Executive Summary (if not budgeted please explain):												
For Information Only.												
Attachments (plea	ise list):											
* February 2017 O	utage Report	i.										
Recommendation/Suggested Action (briefly explain):												
For information only.												

City of St. Charles February 2017 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	2/6/2017	6:40 PM	64	Wessels Ct. / Howard Ave.	616	Single Phase Cable Fault/Tested and isolated faulted cable/Closed normal open to pick up transformers.	60	3,840	Equipment	Cable
1	2/6/2017	6:40 PM	0	SW quadrant of City, south of Oak Street, west of 14th Street	615/616	Momentary breaker operation related to cable fault by Wessels Court	233	0	Equipment	Cable
2	2/7/2017	2:00 PM	21	NW Quadrant of City	L57736	ComEd dropped line into City substation due to car accident/Switched customers to another line using reserve capacity.	2557	53,697	ComEd	L57736
3	2/7/2017	8:00 AM	360	155 Walnut	214	Broken water pipe in basement. Shut off power for the maintenance crew to safely work in basement due to meters being there.	12	4,320	Customer	Customer Equip.
4	2/7/2017	1:00 PM	60	1301 E. Main St.	316	Old 50 kVA transformer serving this building was replaced due to age and condition.	1	60	Scheduled	SCMEU
5	2/14/2017	4:30 PM	90	426 S. 12th St.	214	1/2 power / bad secondary connection. Repaired bad connection.	1	90	Equipment	Connector
6	2/16/2017	7:13 AM	0	Prairie St. / Wessel Ct./ Oak St. / Walnut St. / Covington Ct.	622	Instantaneous breaker trip/reclose. No cause found. Indicators showed problem north of Prairie but nothing found.	482	0	Unknown	12.47-kV
7	2/18/2017	3:49 PM	49	Bay 3, Sub 5 Cumberland Green, Ohio, Commerce, AJR, Equity, Illinois, 37th Ave., Kautz Rd., Donnelly	L13156	Loss of ComEd 13156 due to City cable failure. City cable blew up in U guard. Picked up load from transformer 5T1 on L13155. Isolated and repaired 13156 cable.	559	27,391	Equipment	Cable
8	2/18/2017	12:19 PM	41	RR Donnelly / Kirk Rd.	111	34 kV & 12 kV breaker trip from pressure relay. Isolate LDC, re-energize Donnelly from circuit 535. Troubleshoot LDC-1. Released pressure and re-energized station. Suspect failed sudden pressure relay.	1	41	Equipment	Other
						Total of Interrupted Minutes		89,439		
						Total SAIDI*	5.724	00,400		
						Total of ComEd Interrupted Minutes		53,697		
						Total SAIDI without ComEd	2.288			
						*System Average Interruption Duration Index (SAIDI)				
]		