	AGENDA ITEM EXECUTIVE SUMMARY Agenda Item number: 3.a						
	Title:	Electric Reliability Report – Information Only					
ST. CHARLES	Presenter:	Paul Hopkins					
Meeting: Government Services Committee Date: August 24, 2020							
Proposed Cost: \$		Budgeted Amount: \$	Not Budgeted:				
Executive Summary (if not budgeted please explain):							
For Information On	For Information Only.						
Attachments (please list):							
July 2020 Outage Report July 2020 Streetlight Repair Report							
Recommendation/Suggested Action (briefly explain):							
For information only.							

City of St. Charles July 2020 Outages

DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE/RESPONSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
7/2/2020	7:51 PM	0	NW side of town, Randall Rd., Dean St., Renaux, Peck.	216	No power. Trip on circuit 216. Instantaneous breaker trip & reclose. No sustained. Suspect wildlife.	296	0	Unknown	12.47-kV
7/8/2020	8:20 PM	100	800-900 block of Munhall.	316	No power. Tree contact/wind storm. Removed tree and re-fused line.	8	800	Tree	Small Branch
7/10/2020	5:30 AM	33	Downtown and north along the river.	7962	Outage. ComEd lost power. ComEd re-energized after isolating problem area.	2664	87,912	ComEd	7962
7/12/2020	5:59 AM	0	Prairie St., Evergreen St., Howard St., S. 16th St.	622	No power. No action taken, suspect wildlife. 622 instantaneous breaker operation. Patrolled line on 7/13/20.	561	0	Unknown	12.47-kV
7/27/2020	5:06 AM	102	Production, Tyler Rd., Industrial Dr., Main St. between Tyler & Dunham.	514	Outage. Underground cable fault. Isolated faulted cable, restored power.	307	31,314	Equipment	Cable
7/27/2020	6:26 AM	18	NE section of City.	5T2	Outage. Closed on circuit 514 in attempt to restore power. Isolated underground fault, restored power.	338	6,084	Equipment	Cable
7/27/2020	11:05 AM	0	East along Main St. to S. Tyler and west along State St. to 9th St.	315 316	Outage - unknown cause. Automatic reclose.	729	0	Unknown	12.47-kV
					Total of Interrupted Minutes		126 110		
					Total SAIDI*	8.045	120,110		
					Total of ComEd Interrupted Minutes		87,912		
					Total SAIDI without ComEd	2.437			
					*System Average Interruption Duration Index (SAIDI)				
	7/2/2020 7/8/2020 7/10/2020 7/12/2020 7/27/2020 7/27/2020	7/2/2020 7:51 PM 7/8/2020 8:20 PM 7/10/2020 5:30 AM 7/12/2020 5:59 AM 7/27/2020 5:06 AM 7/27/2020 6:26 AM	7/2/2020 7:51 PM 0 7/8/2020 8:20 PM 100 7/10/2020 5:30 AM 33 7/12/2020 5:59 AM 0 7/27/2020 5:06 AM 102 7/27/2020 6:26 AM 18	7/2/20207:51 PM0NW side of town, Randall Rd., Dean St., Renaux, Peck.7/8/20208:20 PM100800-900 block of Munhall.7/10/20205:30 AM33Downtown and north along the river.7/12/20205:59 AM0Prairie St., Evergreen St., Howard St., S. 16th St.7/27/20205:06 AM102Production, Tyler Rd., Industrial Dr., Main St. between Tyler & Dunham.7/27/20206:26 AM18NE section of City.7/27/202011:05 AM0Tyler and west along State	7/2/2020 7:51 PM 0 NW side of town, Randall Rd., Dean St., Renaux, Peck. 216 7/8/2020 8:20 PM 100 800-900 block of Munhall. 316 7/10/2020 5:30 AM 33 Downtown and north along the river. 7962 7/12/2020 5:59 AM 0 Prairie St., Evergreen St., Howard St., S. 16th St. 622 7/27/2020 5:06 AM 102 Production, Tyler Rd., Industrial Dr., Main St. between Tyler & Dunham. 514 7/27/2020 6:26 AM 18 NE section of City. 5T2 7/27/2020 11:05 AM 0 East along Main St. to S. Tyler and west along State 315 216	7/2/2020 7:51 PM 0 NW side of town, Randall Rd., Dean SL, Renaux, Peck. 216 No power. Trip on circuit 216. Instantaneous breaker trip & reclose. No sustained. Suspect wildlife. 7/8/2020 8:20 PM 100 800-900 block of Munhall. 316 No power. Tree contact/wind storm. Removed tree and re-fused line. 7/10/2020 5:30 AM 33 Downtown and north along the river. 7962 Outage. ComEd lost power. ComEd re-energized after isolating problem area. 7/12/2020 5:59 AM 0 Prairie St., Evergreen St., Howard St., S. 16th St. 622 No power. No action taken, suspect wildlife. 622 instantaneous breaker operation. Patrolled line on 7/13/20. 7/27/2020 5:06 AM 102 Preduction, Tyler Rd., Industrial Dr., Main St. between Tyler & Dunham. 514 Outage. Closed on circuit 514 in attempt to restore power. Isolated underground fault, restored power. 7/27/2020 6:26 AM 18 NE section of City. 572 Outage. Closed on circuit 514 in attempt to restore power. Isolated underground fault, restored power. 7/27/2020 11:05 AM 0 East along Main St. to S. Tyler and west along State St. to 9th St. 315 316 Outage. unknown cause. Automatic reclose 0 11:05 AM 0 East along Main St. to S. Tyler and west along State St. to 9th St. 315 316	DATE TIME OF TIME OK (Min) AREA AFFECTED CIRCUIT No. CAUSE/RESPONSE CUST. 7/2/2020 7:51 PM 0 NW side of town, Randall Rd., Dean St, Renaux, Peck. 216 No power. Trip on circuit 216. Instantaneous breaker trip & redose. No sustained. Suspect wildlife. 296 7/8/2020 8:20 PM 100 800-900 block of Munhall. 316 No power. Tree contact/wind storm. Removed tree and re-fused line. 8 7/10/2020 5:30 AM 333 Downtown and north along the river. 7/962 Outage. ComEd lost power. ComEd re-energized after isolating problem area. 2664 7/10/2020 5:59 AM 0 Prairie St. Evergreen St. Howard St. S. 16th St. 622 No power. No action taken, suspect wildlife. 622 instantaneous breaker operation. 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Streetlight Repair Report

Expectation: Streetlights will be repaired within 10 days of notification.

Fiscal Year	Number of Lights Repaired	Average Days to Repair
2020	781	6.9

2021

Month Light Was Repaired	Number of Lights Repaired	Average Days to Repair
May	22	9.8
June	17	4.4
July	18	3.8