



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 5c

Title: Electric Reliability Report – Information Only

Presenter: Paul Hopkins

Meeting: City Council

Date: April 27, 2020

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

For Information Only.

**Attachments** *(please list):*

- March 2020 Outage Report
- March 2020 Streetlight Repair Report

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

For information only.

**City of St. Charles  
March 2020 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	3/5/2020	10:24 AM	54	Allen Ln. & N. Tyler Rd.	334	Outage. Shut off power, replaced transformer, restored power.	7	378	Scheduled	SCMEU
2	3/6/2020	10:21 AM	51	N. Tyler Rd. & Post Rd.	316	Outage. Shut off power, replaced transformer, restored power.	8	408	Scheduled	SCMEU
3	3/10/2020	10:45 AM	73	1500 block of Allen Ln.	334	Outage. Shut off power, replaced transformer, restored power.	4	292	Scheduled	SCMEU
4	3/12/2020	11:00 PM	0	Downtown (north and south sides), Rt. 38, Sub 3 and Sub 6	13150	Loss of ComEd 13150 into Subs 3 and 6. No action taken - OA/RA, 12 second outage.	3034	0	ComEd	13150
5	3/22/2020	9:57 PM	49	Prairie, Horne, Mosedale, SW side of town, Davis School, 2nd St. to 16th St.	624	No power. Curcuit 624 lock out.	783	38,367	Equipment	Switch
6	3/29/2020	8:24 AM	36	SE quadrant of City.	11167	ComEd dropped 11167. Crews switched around lost ComED feed and restored power to customers.	642	23,112	ComEd	11167
<b>Total of Interrupted Minutes</b>								<b>62,557</b>		
<b>Total SAIDI*</b>							<b>3.991</b>			
Total of ComEd Interrupted Minutes								<b>23,112</b>		
Total SAIDI without ComEd							<b>2.516</b>			
*System Average Interruption Duration Index (SAIDI)										

# Streetlight Repair Report

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

Fiscal Year	Number of Lights Repaired	Average Days to Repair
2019	873	5.7

## 2020

Month Light Was Repaired	Number of Lights Repaired	Average Days to Repair
May	27	10.0
June	27	5.7
July	24	6.1
August	27	7.2
September	51	5.7
October	83	8.3
November	103	6.9
December	91	9.7
January	157	4.1
February	35	9.3
March	33	3.1
April		