

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.a

Title:

Electric Reliability Report – Information Only

Presenter:

Tom Bruhl

Meeting: Government Services Committee

Date: October 22, 2018

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

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

For Information Only.

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

\* September 2018 Outage Report

\* September 2018 Streetlight Repair Report

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

For information only.

**City of St. Charles  
September 2018 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	9/3/2018	3:12 PM	63	Large sections of SE quadrant, plus some areas on 1st St.	311/312	<b>LABOR DAY.</b> Major lightning hit during storm. Crew responded to substation, inspected for damage, and restored power.	1447	91,161	Weather	Lightning
1	9/3/2018	3:12 PM	70	E. Main corridor, Persimmon Dr., Cedar St. area.	315/316	<b>LABOR DAY.</b> Major lightning hit during storm. Crew responded to substation, inspected for damage, and restored power.	730	51,100	Weather	Lightning
1	9/3/2018	3:12 PM	0	State St. area, N. 5th Ave. corridor, half of Q Center.	313/314	<b>LABOR DAY.</b> Major lightning hit during storm caused L13150 to operate at ComEd station. Lighting strike occurred on Riverside just north of PW driveway.	450	0	ComEd	L13150
1	9/3/2018	3:12 PM	0	Large areas of SW quadrant.	611/614/ 615/616	<b>LABOR DAY.</b> Major lightning hit during storm caused L13150 to operate at ComEd station. Lighting strike occurred on Riverside just north of PW driveway.	407	0	ComEd	L13150
2	9/3/2018	3:15 PM	0	First St. and areas south on Route 31, Walnut Ave. corridor.	331/332	<b>LABOR DAY.</b> Major lightning hit during storm. Automatic reclose.	1367	0	ComEd	L13150
2	9/3/2018	3:15 PM	0	Large area of SW quadrant, Prairie St. corridor.	624	<b>LABOR DAY.</b> Major lightning hit during storm. Automatic reclose.	783	0	Weather	Lightning
3	9/10/2018	7:30 AM	45	500 block of S. 11th St.	214	Contractor working for AT&T dug into primary cable, causing it to pop off bushing. Switched out loop to change the feed to the transformer.	8	360	Others	Dig-In
4	9/17/2018	1:00 PM	45	3014 Glen Eagles Ct. & 1209 Fox Glen Dr.	314	Replace secondary blocks for bad connector.	2	90	Equipment	Connector
5	9/22/2018	6:30 AM	22	1652 E. Main St.	514	Scheduled outage. Replaced transformer and restored power.	6	132	Equipment	Transformer Failure
6	9/22/2018	7:40 AM	22	1100 W. Main St.	214	Scheduled outage. Replaced transformer and restored power.	6	132	Equipment	Transformer Failure
<b>Total of Interrupted Minutes</b>								<b>142,975</b>		
<b>Total SAIDI*</b>									<b>9.121</b>	
Total of ComEd Interrupted Minutes								<b>0</b>		
Total SAIDI without ComEd									<b>9.121</b>	
*System Average Interruption Duration Index (SAIDI)										

## **Streetlight Repair Report**

Expectation: Streetlights will be repaired within 10 days of notification

### **Streetlight Repair Statistics**

<b>Fiscal Year</b>	<b>Number of Lights Repaired</b>	<b>Average Days to Repair</b>
2018	801	5.3
<b>2019</b>		
<b>Month Light Was Repaired</b>	<b>Number of Lights Repaired</b>	<b>Average Days to Repair</b>
May	66	4.4
June	27	3.0
July	38	3.3
August	47	6.2
September	46	3.0
October		
November		
December		
January		
February		
March		
April		

**September Notes:**

No remarks.