	Agend	A ITEM EXECUTIVE SUMMARY	Agenda Item number: 3.a.									
	Title:	Electric Reliability Report – Information Only										
ST. CHARLES	Presenter:	Tom Bruhl										
Meeting: Governm	ent Services	Committee Date: January 23	3, 2017									
Proposed Cost: \$		Budgeted Amount: \$	Not Budgeted:									
Executive Summary (if not budgeted please explain):												
For information only.												
Attoologicate (1)	as list.											
Attachments (plea	se list):											
* November 2016 (Outage Repo	rt * December 2016 Outage Report										
Recommendation/	Suggested A	Action (briefly explain):										
For information onl	y.											

City of St. Charles December 2016 Outages

DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE/RESPONSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
12/1/2016	12:37 a.m.	53	S 7th Ave & Division St	13154	MVA car vs pole / Isolate 13154 pick up load on 13167 @ Sub 7	1462	77,486	ComEd	L13154
12/4/2016	11:45 p.m.	0	NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall	13154	OA/RA on Line 13154 / no City action taken / loss of ComEd 13154/ Investigation resulted in snow plow pole contact in West Chicago caused phases to slap together	1462	0	ComEd	L13154
12/5/2016	4:38 p.m.	0	Stern Ave, Stetson Ave, Swenson Ave	513	Instantaneous breaker operation / unknown cause * suspect wet snow 6+ inches caused flashover on the overhead system	43	0	Unknown	
12/16/2016	4:00 p.m.	10	1502 Allen	334	Archon damaged cable hand digging / String in temp service	1	10	Others	Dig-In
12/17/2016	11:30 a.m.	60	1024 Dean - 1100 Dean & N 12th St	222	Bad secondary main/service connections / replace all connections	14	840	Equipment	Connector
12/17/2016	11:30 a.m.	120	1024 Dean - 1100 Dean & N 12th St	222	Bad secondary main/service connections / replace all connections	6	720	Equipment	Connector
6 12/23/2016 9:10 a.m.	55	2551 Dukane Dr	533	Single phasing / Broken 12kv cutout on pole / Isolated problem & switched to alternate feed	2	110	Equipment	Switch	
					Total of Interrupted Minutes		79.166		
							5.132	77 496	
							0.109	11,480	
					*System Average Interruption Duration Index (SAIDI)				
	12/1/2016 12/4/2016 12/5/2016 12/16/2016 12/17/2016 12/17/2016	12/1/2016 12:37 a.m. 12/4/2016 11:45 p.m. 12/5/2016 4:38 p.m. 12/16/2016 4:00 p.m. 12/17/2016 11:30 a.m. 12/17/2016 11:30 a.m.	12/1/2016 12:37 a.m. 53 12/4/2016 11:45 p.m. 0 12/5/2016 4:38 p.m. 0 12/16/2016 4:00 p.m. 10 12/17/2016 11:30 a.m. 60 12/17/2016 11:30 a.m. 120	12/1/2016 12:37 a.m. 53 S 7th Ave & Division St 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 12/5/2016 4:38 p.m. 0 Stern Ave, Stetson Ave, Swenson Ave 12/16/2016 4:00 p.m. 10 1502 Allen 12/17/2016 11:30 a.m. 60 1024 Dean - 1100 Dean & N 12th St	12/1/2016 12:37 a.m. 53 S 7th Ave & Division St 13154 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 13154 12/5/2016 4:38 p.m. 0 Stern Ave, Stetson Ave, Swenson Ave 513 12/16/2016 4:00 p.m. 10 1502 Allen 334 12/17/2016 11:30 a.m. 60 1024 Dean - 1100 Dean & N 12th St 222 12/17/2016 11:30 a.m. 120 1024 Dean - 1100 Dean & N 12th St 222	12/1/2016 12:37 a.m. 53 S 7th Ave & Division St 13154 MVA car vs pole / isolate 13154 pick up load on 13167 @ Sub 7 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 13154 OA/RA on Line 13154 / Investigation resulted in some plow pole orntact in West St, Mall 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 13154 OA/RA on Line 13154 / Investigation resulted in some plow pole orntact in West Schicago caused phases to slap together 12/5/2016 4:38 p.m. 0 Stern Ave, Stetson Ave, Swenson Ave 513 Instantaneous breaker operation / unknown cause * suspect wet sow on the overhead system 12/16/2016 4:00 p.m. 10 1502 Allen 334 Archon damaged cable hand digging / String in temp service 12/17/2016 11:30 a.m. 60 1024 Dean - 1100 Dean & N 222 Bad secondary main/service connections / replace all connections 12/17/2016 11:30 a.m. 120 1024 Dean - 1100 Dean & N 222 Bad secondary main/service connections / replace all connections 12/23/2016 9:10 a.m. 55 2551 Dukane Dr 533 Single phasing / Broken 12kv connections / switched to alternate feed 12/23/2016 9:10 a.m. 55 2551 Duk	12/1/2016 12:37 a.m. 53 S 7th Ave & Division St 13154 MVA car vs pole / Isolate 13154 pick up load on 13167 @ Sub 7 1462 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 13154 MVA car vs pole / Isolate 13154 pick up load on 13167 @ Sub 7 1462 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 13154 MVA car vs pole / Isolate 13154 pick up load on 13167 @ Sub 7 1462 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Dunham, Main St, Mall 13154 Instantaneous breaker operation / unknown cause ? suspect wet snow 6 + inches caused flashover on the overhead system 43 12/16/2016 4:38 p.m. 10 1502 Allen 334 Archon damaged cable hand digging / String in temp service connections 1 12/17/2016 11:30 a.m. 60 1024 Dean - 1100 Dean & N 12th St 222 Bad secondary main/service connections / replace all connections 6 12/17/2016 9:10 a.m. 55 2551 Dukane Dr 533 Single phasing / Broking / Broken 12kv cutot on pole / Isolated problem & switched to alternate feed 2 12/23/2016 9:10 a.m. 55 2551 Dukane Dr 533 Single pha	DATE TIME OF P TIME ON (Mm) AREA AFFECTED CIRCUTI No. CAUSE RESPONSE NO. 0F CIS1. MINUTES 12/1/2016 12:37 a.m. 53 S 7th Ave & Division St 13154 MVA car vs pole / Isolate 13154 pick up load on 13167 @ Sub 7 1462 77,486 12/4/2016 11:45 p.m. 0 NE side, Bay 1 @ Sub 7 Fox Chase, Durham, Main St, Mall 13154 OARR on Line 13154 / no City action taken / loss of ComEd 1 show plow pole contact in West Chicago caused faborer on the sove plow contact in West Chicago caused faborer on the overhead system 1462 0 12/5/2016 4:38 p.m. 0 Stem Ave, Stetson Ave, Stetson Ave, Swenson Ave 513 Instantaneous breaker operation / unknown cause * suspect west so shap on the overhead system 43 0 12/16/2016 4:00 p.m. 10 1502 Allen 334 Archon damaged cable hand digging / String in temp service on the overhead system 1 10 12/17/2016 11:30 a.m. 60 1024 Dean - 1100 Dean & N 222 Bad secondary main/service connections / replace all connection	DATETHE OFFTHE OK OKINAREA AFFCTEDCIRCUT NGCIRCUT NGNO. OF CGST.MINUTESCATEGORY $12/1/2016$ $12:37 a.m.$ 53 S 7th Ave & Division St 13154 MVA car vs pole / Isolate 13154 1462 $77,486$ ComEd $12/1/2016$ $11:45 p.m.$ 0 NE side, Bay 1 @ Sub 7 Fox Chase. Durham, Main SS, Mall 13154 OA/RA on Line 13154 / no City action take / loss of ComEd 13154 / Investigation resulted in show pole contact in West Chago cause of bases to slap together 1462 0 ComEd $12/5/2016$ $4:38 p.m.$ 0 Stem Ave, Stetson Ave, Swenson Ave 513 Instantaneous breaker operation / unknown cause "suppect treet son 6 + inches Cause flashover on the overhead system 43 0 Unknown $12/16/2016$ $4:00 p.m.$ 10 $1502 Allen$ 334 Archon damaged cable hand digging / String in temp service connections / replace all connections / replace