		AGENDA ITEM EXECUTIVE SUMMARY								
- TO		Title:	Electric Reliability Report – Information Only							
ST. CHARLES	•	Presenter:	Tom Bruhl							
Please check app										
Governme	ent Op	perations	X Government Services 07.27				ices 07.27.13	5		
Planning & Development					City Council					
Public He	aring									
Estimated Cost:	\$			Budg	eted:					
If NO, please exp	lain h	ow item will	be funded:							
Evocutivo Summ										
<b>Executive Summ</b>	iai y .									
For information of	only.									
Attachments: (p	lease	list)								
June 2015 Outage	e Rep	ort								
Recommendatio	n / St	ggested Acti	on (briefly expla	in):						
For information of	only.									
For office use on	ly:	Agenda Iten	n Number: 3.a							

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE/RESPONSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	6/5/2015	11:01 AM	0	NE quadrant. Charlestowne Mall, East HS, and Pheasant Run	L13167	Two momentary outages - confirmed Potential Transformer failure on primary metering structure at Route 64, just east of Powis. Damage was on top of PT bushing and not visible from ground. ComEd patrolled, but did not see the damage.	1381	0	ComEd	L13167
2	6/7/2015	7:53 AM	0	NE quadrant. Charlestowne Mall, East HS, and Pheasant Run	L13167	Two momentary outages - confirmed Potential Transformer failure on primary metering structure at Route 64, just east of Powis. Damage was on top of PT bushing and not visible from ground. Outage occurred during heavy rain.	1381	0	ComEd	L13167
3	6/7/2015	10:58 PM	0	NE quadrant. Charlestowne Mall, East HS, and Pheasant Run	L13167	Two momentary outages - confirmed Potential Transformer failure on primary metering structure at Route 64, just east of Powis. Damage was on top of PT bushing and not visible from ground. Outage occurred during heavy rain.	1381	0	ComEd	L13167
4	6/9/2015	8:54 AM	0	Fox Chase, East HS, Half of Charlestowne Mall	731/732	Momentary breaker operation due to cable fault at Mall	281	0	Equipment	Primary Cable Fault
4	6/9/2015	8:54 AM	210	TR 2475T01, which feeds the internal areas of the mall, but not any of the anchor stores	731	Primary cable fault in the elbow just below TR 2475T01	1	210	Equipment	Primary Cable Fault
5	6/10/2015	5:42AM	0	Area bounded by Beatrice on the north, 7th Ave on the east, Division on the south, and Riverside on the west	311	Squirrel caused tap fuse at 7th and Moore Ave to blow	90	0	Animal	Squirrel
6	6/12/2015	6:52 AM	0	SW quadrant	624	Squirrel on top of transformer caused recloser operation before it blew transformer fuse	775	0	Animal	Squirrel
6	6/12/2015	6:52 AM	45	413 Indiana St.	624	Squirrel on top of transformer caused transformer fuse to blow.	6	270	Animal	Squirrel
7	6/15/2015	6:07 PM	0	SW quadrant	L56931	Confirmed Lightning Hit - 8 poles north of Fabyan on Kaneville Road	2795	0	ComEd	L56931
8	6/20/2015	4:42 PM	0	SW part of town from Prairie to Gray & river to 8th St.	624	Mylar balloons caused automatic recloser operation.	775	0	Others	Balloons
9	6/20/2015	8:39 PM	0	SW side of town.	L56931	ComEd momentary caused by confirmed lighting strike on Deerpath Road	2795	0	ComEd	L56931

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE/RESPONSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
10	6/20/2015	8:10 AM	35	Beatrice Ave.	311	Squirrel blew fuse.	10	350	Animal	Squirrel
11	6/21/2015	11:50 AM	56	NW & part of SW quadrant	222/224/226	Recloser failure on circuit 224 @ substation 2. Cut bad recloser clear of 12kV bus and switched Circuit 222 to 2T1 at Substation.	629	35,224	Equipment	Recloser
11	6/21/2015	11:50 AM	70	NW & part of SW quadrant	222/224/226	Recloser failure on circuit 224 @ substation 2. Switched Circuit 226 to 315.	32	2,240	Equipment	Recloser
11	6/21/2015	11:50 AM	86	N. & E. of 12th St.	222/224/226	Recloser failure on circuit 224 @ substation 2. Switched Circuit 224 to 112 from Red Gate Station.	618	53,148	Equipment	Recloser
12	6/22/2015	11:30 AM	60	11 N. 3rd Street - Abby's Restaurant	313	Customer overload of service caused main breaker to trip	1	60	Customer	Overload
13	6/24/2015	6:18 PM	0	E. Main & Production	514	Squirrel blew fuse @ 2015 E. Main St.	294	0	Animal	Squirrel
13	6/24/2015	6:18 PM	82	2015 E. Main St.	514	Squirrel blew fuse.	1	82	Animal	Squirret
14	6/25/2015	7:12 PM	78	2010 Fairfax Rd.	732	Fence post installation hit service cable. Isolated bad leg, restored power with jumper.	1	78	Others	Dig In
15	6/27/2015	4:13 PM	0	SE quadrant	L11167	Momentary breaker operation on ComEd feed L11167, ComEd patrolled fault zone and did not find cause.	629	0	ComEd	L11167
16	6/29/2015	4:53 PM	0	N. E. side of town.	L13154	Momentary breaker operation on ComEd feed L13154. Confirmed lightning hit near Averill and Kautz.	1460	0	ComEd	L13154
						Total of Interrupted Minutes		91,662		
				10-10-10-10-10-10-10-10-10-10-10-10-10-1		Total SAIDI*	5.942			
						Total of ComEd Interrupted Minutes Total SAIDI without ComEd	E 040	0		
						Total SAID! WITHOUT COMED	5.942			
						*System Average Interruption Duration Index (SAIDI)				