		AGENDA ITEM EXECUTIVE SUMMARY								
	Title:	Electric Reliability Report – Information Only								
ST. CHARLES	Presenter:	Tom Bruhl	ı Bruhl							
Please check appro	t Operations		X Government Services 06.23.14							
Planning &			City Council							
Public Hear	Public Hearing									
Estimated Cost:	\$		Budg	otod:	YES	NO				
If NO, please expla		ha fundadı	Duug	eteu.	IES	NO				
ii ivo, picase expia	in now item win	be funded.								
Executive Summa	ry:									
Ear information on	1,,									
For information on	ıy.									
Add a language of the	1. ()									
Attachments: (plea	ase list)									
May 2014 Outage I	Report.									
Recommendation	/ Suggested Acti	i on (briefly expla	in):							
For information on	ly.									
For office use only.	: Agenda Ite	m Number: 3.a								

City of St. Charles May 2014 Outages

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	5/7/2014	5:15 PM	135	1180 Persimmon Dr.	112	Underground; service cable failure		270	Equipment	Service
2	5/8/2014	4:58 PM	0	SE side of town	11167	ComEd momentary during storm event, ComEd confirmed customer owned transformer at Fermi failed		0	ComEd	L11167
3	5/8/2014	5:51 PM	0	SE side of town	11167	ComEd momentary during storm event, ComEd confirmed customer owned transformer at Fermi failed		0	ComEd	L11167
4	5/12/2014	7:20 PM	70	905 Manley Rd.	224	Underground; service cable failure	1	70	Equipment	Service
5	5/13/2014	1:15 AM	75	416 N. Tyler Rd.	514	Customer; system problem		75	Others	Customr Equipment Failure
6	5/14/2014	7:45 PM	75	272 Sedgewick Cir.	224	Customer; system problem		75	Others	Customr Equipment Failure
7	5/15/2014	6:00 PM	135	600 Industrial Dr. (Old Food Pantry)	514	Scheduled; customer request to replace XFMR		135	Others	Customr Equipment Failure
7	5/15/2014	7:55 PM	0	600 Industrial Dr. (Old Food Pantry)	514	Customer owned overhead; transformer failure, caused momentary outage		0	Others	Customr Equipment Failure
8	5/19/2014	1:00 PM	0	Oakhill Ct.	224	Scheduled; customer request switch loops		0	Scheduled	Customer
9	5/19/2014	1:15 PM	0	Elm Tree Ct.	224	Scheduled; customer request switch loops	8	0	Scheduled	Customer
10	5/20/2014	6:13 PM	63	City Hall, Police Department	7962	ComEd Line lost L7962 - Partial restoration using City switching ties	10	630	ComEd	L7962
10	5/20/2014	6:13 PM	70	SE Quadrant, NE Quadrant to Q Center	7962	ComEd Line lost L7962 - Partial restoration using City switching ties	897	62,790	ComEd	L7962
10	5/20/2014	6:13 PM	79	SW Quadrant, 1st St.	7962	ComEd Line lost L7962 - Partial restoration using City switching ties	958	75,682	ComEd	L7962
10	5/20/2014	6:13 PM	82	SW Quadrant, 1st St.	7962	ComEd Line lost L7962 - Partial restoration using City switching ties	350	28,700	ComEd	L7962
10	5/20/2014	6:13 PM	106	W. of River, North H.S. 8 surrounding area	7962	ComEd Line lost L7962 - Partial restoration using City switching ties	239	25,334	ComEd	L7962
10	5/20/2014	6:13 PM	108	E. of River, Woods of Fox Glen & Persimmon	7962	ComEd Line lost L7962 - Partial restoration using City switching ties	220	23,760	ComEd	L7962

City of St. Charles May 2014 Outages

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
10	5/20/2014	7:04 PM	0	Large areas center of City & SW Quad.	13150	ComEd Line lost L13150 when arrester at our City Hall Sub failed. Arrester failed due to overvoltage exposure to the L7962 event. Arrester on 3T3 blew while trying to pick the TR up from L13150 while 7962 was still out.	2880	0	ComEd	L7962
11	5/27/2014	9;30 AM	480	625 Geneva Rd.	331	Others, Tree trimmer dropped large tree limb; caused a fire.		480	Others	Tree Trimmer Accident
12	5/27/2014	8:00 PM	64	800 Block S. 7th St.	624	Small tree limb; fell on transformer	11	704	Tree	Small Branch
12	5/27/2014	9:00 PM	0	800 Block S. 7th St.	624	Small tree limb; fell on transformer, momentary on circuit	775	0	Tree	Small Branch
			 			Total of Interrupted Minutes		218,705		
						Total SAIDI*	14.110			
						Total of ComEd Interrupted Minutes	0.447	216,896		
						Total SAIDI without ComEd	0.117			
					-	*System Average Interruption Duration Index (SAIDI)				
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