

	<b>AGENDA ITEM EXECUTIVE SUMMARY</b>												
	Title:		Electric Reliability Report – Information Only										
	Presenter:		Tom Bruhl										
<i>Please check appropriate box:</i>													
	Government Operations		X	Government Services 03.25.13									
	Planning & Development			City Council									
	Public Hearing												
<table border="1" style="width: 100%;"> <tr> <td>Estimated Cost:</td> <td>\$</td> <td>Budgeted:</td> <td>YES</td> <td></td> <td>NO</td> <td></td> </tr> </table>							Estimated Cost:	\$	Budgeted:	YES		NO	
Estimated Cost:	\$	Budgeted:	YES		NO								
If NO, please explain how item will be funded:													
<b>Executive Summary:</b>													
For information only.													
<b>Attachments:</b> <i>(please list)</i>													
February 2013 Outage Report.													
<b>Recommendation / Suggested Action</b> <i>(briefly explain):</i>													
For information only.													
<i>For office use only:</i>		<i>Agenda Item Number: 3.a</i>											

General Information				Cause		Time & Duration				Customers	
#	Date	S/U	Circuit, Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	2/7/2013	U	L13155, East Side	Supply to City, L13155 Com Ed line lost	0	1	2/7/13 12:15 AM	2/7/13 1:24 AM	69	986	68034
2	2/8/2013	U	L13154, NE side	Supply to City, L13154 Com Ed line lost	0	1	3/8/13 7:27 PM	3/8/13 7:27 PM	0	1,557	0
3	2/26/2013	U	331, 35 Horne St.	Service, fault	2	1	2/26/13 7:30 PM	2/26/13 8:50 PM	80	1	80

S/U - Scheduled or Unscheduled

Ints - # of Interruptions

Long - &gt;1 min; Short - &lt;1 min

Cause # - see table on page 3

Total Customers this Month		Days of Month
Total Customer Minutes this Month		28

Outage Totals			
		This Month	This Month Last Year
<b>Unscheduled Outages</b>			
Long	# Outages	2	6
	# Customers Out	987	115
	# Minutes Out	149	439
	# Customer Minutes Out	68,114	8795
	# Within City System	1	2
	# Supply to City Minutes	68,034	7820
Short	# Outages (Blinks)	1	2
	# Customers Affected	1,557	1712
	# Within City System	0	2
	# Supply to City Minutes	0	0
<b>Scheduled Outages</b>			
Long	# Outages	0	0
	# Customers Out	0	0
	# Minutes Out	0	0
	# Customer Minutes Out	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
Short	# Outages (Blinks)	0	0
	# Customers Affected	0	0
	# Within City System	0	0
	# Supply to City Minutes	0	0
<b>Totals</b>			
Total Long Outages		2	6
Total Short Outages (Blinks)		1	2
Total Customers Out (Long)		987	115
Total Customers Affected (Short- Blinks)		1,557	1712
Total Customer Minutes Out		68,114	8795
Total Outages Within City System		1	2
Total Outages in Supply to City		2	4

Number of Outages (by Cause)					
Cause	Description	Total This Month	This Month Last Year	Rolling AT	%
#		Month	Last Year	AT	AT
0	Supply to City	2	0	0	0%
1	Overhead Equipment Failure	0	1	0	0%
2	Underground Equipment Failure	1	1	0	0%
3	Weather	0	0	0	0%
4	Wildlife	0	0	0	0%
5	Trees	0	1	0	0%
6	Substation	0	0	0	0%
7	Human	0	0	0	0%
8	Other	0	0	0	0%
9	Unknown	0	0	0	0%
10	Vehicle/Dig Ins/Caused by Others	0	1	0	0%
Total		3	4	0	

12 Month Outage Statistics		
Index	As of This Month	As of This Month Last Year
ASAI (%)		99.9954
CAIDI (Long) (min)	0.00	24.29
SAIDI (Long) (min)		2.03
SAIFI (Long) (ints/tot cust)		0.08
SAIFI (Short) (ints/tot cust)		0.36

- ASAI - Average Service Availability Index  
(customer minutes available/total customer minutes, as a %)
- CAIDI - Customer Average Interruption Duration Index  
(average minutes interrupted per interrupted customer)
- SAIDI - System Average Interruption Duration Index  
(average minutes interrupted per customer for all customers)
- SAIFI (Long) - System Average Interruption Frequency Index  
(# of long interruptions per customer for all customers)
- SAIFI (Short) - System Average Interruption Frequency Index  
(# of short interruptions per customer for all customers)

S/U - Scheduled or Unscheduled  
 Ints - # of Interruptions  
 Long - >1 min; Short - <1 min  
 Cause # - see table on page 3