City of Naperville DPU - Electric OUTAGE SUMMARIES April 2018

Total Customers this Month	59,397	Days of Month
Total Customer Minutes this Month	2,565,950,400	30

Outage Totals				
		This Month	This Month Last Year	
Unsche	duled Outages			
Long	# Outages	2	9	
	# Customers Out	154	2053	
	# Minutes Out	771	2397	
	# Customer Minutes Out	10,839	64568	
	# Within City System	2	9	
	# 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	
Schedu	led Outages			
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	
Totals				
Total Lo	ng Outages	2	9	
	ort Outages (Blinks)	0	0	
	stomers Out (Long)	154	2053	
Total Customers Affected (Short- Blinks)		0	0	
Total Customer Minutes Out		10,839	64568	
Total Outages Within City System		2	9	
	tages in Supply to City	0	0	

Number of Outages (by Cause)						
Cause	Description	Total This	This Month	Rolling		
#		Month	Last Year	AT		
0	Supply to City	0	0	0		
1	Overhead Equipment Failure	0	0	8		
2	Underground Equipment Failure	1	7	77		
3	Weather	0	0	5		
4	Birds, Animals, Snakes, etc.	0	1	19		
5	Trees	0	0	8		
6	Foreign Interference	0	0	0		
7	Human	0	1	6		
8	Other	0	0	3		
9	Unknown	0	0	11		
10	Vehicle	1	0	8		
	Total	2	9	145		

12 Month Outage Statistics				
Index	As of This Month	As of This Month Last Year		
ASAI (%)	99.9958	99.9967		
CAIDI (Long) (min)	51.38	53.33		
SAIDI (Long) (min)	22.03	17.13		
SAIFI (Long) (ints/tot cust)	0.43	0.32		
SAIFI (Short) (ints/tot cust)	0.00	0.00		

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)