City of Naperville DPU - Electric OUTAGE SUMMARIES June 2019

Total Customers this Month	59,449	Days of Month
Total Customer Minutes this Month	2,568,196,800	30

Outage Totals				
		This Month	This Month Last Year	
Unsched	duled Outages			
Long	# Outages	17	24	
	# Customers Out	553	3743	
	# Minutes Out	3,791	4115	
	# Customer Minutes Out	92,774	148885	
	# Within City System	17	24	
	# 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	
Schedul	ed 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 Lor	ng Outages	17	24	
Total Sh	ort Outages (Blinks)	0	0	
	stomers Out (Long)	553	3743	
Total Customers Affected (Short- Blinks)		0	0	
Total Customer Minutes Out		92,774	148885	
	tages Within City System	17	24	
Total Ou	tages in Supply to City	0	0	

Number of Outages (by Cause)							
Cause	Description	<b>Total This</b>	This Month	Rolling			
#		Month	Last Year	AT			
0	Supply to City	0	0	0			
1	Overhead Equipment Failure	4	4	7			
2	Underground Equipment Failure	9	11	75			
3	Weather	0	0	5			
4	Birds, Animals, Snakes, etc.	0	3	16			
5	Trees	3	1	14			
6	Foreign Interference	0	0	0			
7	Human	0	1	6			
8	Other	0	1	0			
9	Unknown	1	3	8			
10	Vehicle	0	0	4			
	Total	17	24	135			

12 Month Outage Statistics					
Index	As of This Month	As of This Month Last Year			
ASAI (%)	99.9973	99.9955			
CAIDI (Long) (min)	77.28	53.93			
SAIDI (Long) (min)	14.23	23.77			
SAIFI (Long) (ints/tot cust)	0.18	0.44			
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)