

General Information					Cause		Time & Duration				Customers	
#	Date	S/U	Address/Location	Circuit	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	7/2/2024	U	HILLSIDE S TO GARTNER/ WHISPERING	95RA2	C PHASE CABLE FAULT	2	1	7/2/24 7:06 PM	7/2/24 8:12 PM	66	251	16566
	7/2/2024	U	HILLSIDE S TO GARTNER/ WHISPERING	95RA2	C PHASE CABLE FAULT			7/2/24 7:06 PM	7/2/24 8:01 PM	55	71	3905
2	7/4/2024	U	11TH AV S TO OGDEN / WASHINGTON E	50RB4	C PHASE CABLE FAULT	2	1	7/4/24 8:10 PM	7/4/24 9:08 PM	58	27	1566
3	7/5/2024	U	103RD - 111TH - CEDAR - ACE	75RA4	A PHASE CABLE FAULT	2	1	7/5/24 8:40 AM	7/5/24 11:25 AM	165	88	14520
	7/5/2024	U	103RD - 111TH - CEDAR - ACE	75RA4	A PHASE CABLE FAULT			7/5/24 8:40 AM	7/5/24 11:10 AM	150	163	24450
	7/5/2024	U	103RD - 111TH - CEDAR - ACE	75RA4	A PHASE CABLE FAULT			7/5/24 8:40 AM	7/5/24 10:45 AM	125	92	11500
	7/5/2024	U	103RD - 111TH - CEDAR - ACE	75RA4	A PHASE CABLE FAULT			7/5/24 8:40 AM	7/5/24 10:35 AM	115	6	690
	7/5/2024	U	103RD - 111TH - CEDAR - ACE	75RA4	A PHASE CABLE FAULT			7/5/24 8:40 AM	7/5/24 10:25 AM	105	119	12495
	7/5/2024	U	103RD - 111TH - CEDAR - ACE	75RA4	A PHASE CABLE FAULT			7/5/24 8:40 AM	7/5/24 10:15 AM	95	35	3325
4	7/9/2024	U	PESHTIGO S TO FIRESIDE / WLOW RD	80RA2	BAD TRANSFORMER	2	1	7/9/24 11:17 AM	7/9/24 4:20 PM	303	4	1212
	7/9/2024	U	PESHTIGO S TO FIRESIDE / WLOW RD	80RA2	BAD TRANSFORMER			7/9/24 11:17 AM	7/9/24 12:25 PM	68	119	8092
	7/9/2024	U	PESHTIGO S TO FIRESIDE / WLOW RD	80RA2	BAD TRANSFORMER			7/9/24 11:17 AM	7/9/24 11:30 AM	13	4	52
5	7/13/2024	U	MAIN E TO HUFFMAN/ JEFFERSON N TO	50RB3	SQUIRREL	4	1	7/13/24 6:24 AM	7/13/24 7:20 AM	56	793	44408
6	7/14/2024	U	PORTER AVES TO PRAIRIE WHITE OAK	50RA1	TREES, WEATHER	5	1	7/14/24 8:15 PM	7/15/24 6:55 AM	640	36	23040
7	7/14/2024	U	515 SPRING AVE	90RB4	BLOWN A PHASE CUTOUT	1	1	7/14/24 10:15 PM	7/15/24 9:44 AM	689	1	689
8	7/14/2024	U	BAUER S TO 11TH / WEBSTER AND EAG	90RA1	TREE ON WIRE, WEATHER	3	1	7/14/24 10:15 PM	7/15/24 4:50 AM	395	64	25280
9	7/15/2024	U	MAIN E TO WASHINGTON HILLSIDE N TO	90RB2	TREE ON WIRE, WEATHER	3	1	7/14/24 7:00 AM	7/14/24 7:54 AM	54	22	1188
10	7/15/2024	U	LISSON W TO BARKDOLL, 87TH S TO RO	65RB1	TREE ON WIRE, WEATHER	3	1	7/15/24 9:18 PM	7/15/24 11:00 PM	102	370	37740
11	7/15/2024	U	EAGLE E TO MILL 10TH N TO 12TH	30RA3	TREE CONTACT, WEATHER	3	1	7/15/24 9:45 PM	7/16/24 10:15 AM	750	89	66750
12	7/15/2024	U	MILL E TO MAIN / OGDEN S TO 5TH	90RA1	TREE ON WIRE, WEATHER	3	1	7/15/24 10:22 PM	7/16/24 7:55 AM	573	187	107151
	7/15/2024	U	MILL E TO MAIN / OGDEN S TO 5TH	90RA1	TREE ON C PHASE PRIMARY			7/15/24 10:22 PM	7/16/24 12:56 PM	874	52	45448
13	7/15/2024	U	SUFFOLK E TO MILLETT BARLEY S TO 1	50RB4	TREE ON WIRE, WEATHER	3	1	7/15/24 10:23 PM	7/16/24 9:15 AM	652	24	15648
14	7/15/2024	U	MODAFF E TO LAUREL / CATALPA S TO	70RB2	TREE CONTACT, WEATHER	3	1	7/15/24 10:24 PM	7/16/24 3:00 AM	276	34	9384
15	7/16/2024	U	UNIVERSITY S TO ROYCE/ KIEM E TO M	65RB1	A PHASE CABLE FAULT	2	1	7/16/24 12:50 AM	7/16/24 4:25 AM	215	22	4730
	7/16/2024	U	UNIVERSITY S TO ROYCE/ KIEM E TO M	65RB1	A PHASE CABLE FAULT			7/16/24 12:50 AM	7/16/24 4:00 AM	190	10	1900
	7/16/2024	U	UNIVERSITY S TO ROYCE/ KIEM E TO M	65RB1	A PHASE CABLE FAULT			7/16/24 12:50 AM	7/16/24 3:38 AM	168	29	4872
16	7/16/2024	U	WEST AND SPRING	90RB4	A PHASE FUSE BLOWN - UNKNOW	9	1	7/16/24 9:30 AM	7/16/24 10:47 AM	77	1	77
17	7/17/2024	U	FAIRWAY S OF COUNTRY LAKES N OF C	10RA3	A PHASE CABLE FAULT	2	1	7/17/24 8:52 AM	7/17/24 11:43 AM	171	95	16245
	7/17/2024	U	FAIRWAY S OF COUNTRY LAKES N OF C	10RA3	A PHASE CABLE FAULT			7/17/24 8:52 AM	7/17/24 11:21 AM	149	27	4023
18	7/20/2024	U	87TH - PIEDMONT-REMINGTON-ALLEGA	65RA3	B PHASE CABLE FAULT	2	1	7/20/24 8:55 AM	7/20/24 10:25 AM	90	4	360
	7/20/2024	U	87TH - PIEDMONT-REMINGTON-ALLEGA	65RA3	B PHASE CABLE FAULT			7/20/24 8:55 AM	7/20/24 10:15 AM	80	8	640
	7/20/2024	U	87TH - PIEDMONT-REMINGTON-ALLEGA	65RA3	B PHASE CABLE FAULT			7/20/24 8:55 AM	7/20/24 10:05 AM	70	7	490
	7/20/2024	U	87TH - PIEDMONT-REMINGTON-ALLEGA	65RA3	B PHASE CABLE FAULT			7/20/24 8:55 AM	7/20/24 9:55 AM	60	10	600
19	7/21/2024	U	RANCHVIEW = APPALOOSA SHETLAND	60RB3	B PHASE CABLE FAULT	2	1	7/21/24 7:11 AM	7/21/24 7:57 AM	46	44	2024
	7/21/2024	U	RANCHVIEW = APPALOOSA SHETLAND	60RB3	B PHASE CABLE FAULT			7/21/24 7:11 AM	7/21/24 7:45 AM	34	40	1360
20	7/24/2024	U	NEWPORT S TO MASS/ NANTUCKET E T	70RA2	CABLE FAULT	2	1	7/24/24 7:23 AM	7/24/24 9:21 AM	118	8	944
	7/24/2024	U	NEWPORT S TO MASS/ NANTUCKET E T	70RA2	CABLE FAULT			7/24/24 7:23 AM	7/24/24 8:51 AM	88	24	2112
21	7/24/2024	U	CARRIAGE HILL S TO WARWICK COACH	60RB6	A PHASE CABLE FAULT	2	1	7/24/24 3:37 PM	7/24/24 4:52 PM	75	32	2400
22	7/26/2024	U	BENTON N TO SCHOOL LOOMIS E TO S	50RB3	WILDLIFE CONTACT - RACCOON	4	1	7/26/24 2:15 AM	7/26/24 6:10 AM	235	1	235
	7/26/2024	U	BENTON N TO SCHOOL LOOMIS E TO S	50RB3	WILDLIFE CONTACT - RACCOON			7/26/24 2:15 AM	7/26/24 3:09 AM	54	13	702
23	7/30/2024	U	LOOMIS E TO WELLNER/ WELLNER N TO	95RB2	DETERIORATED HOT TAP	1	1	7/30/24 3:49 PM	7/30/24 5:00 PM	71	41	2911

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

Total Customers this Month	61,594	Days of Month
Total Customer Minutes this Month	2,749,556,160	31

Outage Totals		
	This Month	This Month Last Year
Unscheduled Outages		
Long	# Outages	23
	# Customers Out	3,067
	# Minutes Out	8,370
	# Customer Minutes Out	521,724
	# Within City System	23
	# Supply to City Minutes	0
Short	# Outages (Blinks)	1
	# Customers Affected	204
	# Within City System	0
	# Supply to City Minutes	0
Scheduled Outages		
Long	# Outages	0
	# Customers Out	0
	# Minutes Out	0
	# Customer Minutes Out	0
	# Within City System	0
	# Supply to City Minutes	0
Short	# Outages (Blinks)	0
	# Customers Affected	0
	# Within City System	0
	# Supply to City Minutes	0
Totals		
Total Long Outages	23	21
Total Short Outages (Blinks)	1	10
Total Customers Out (Long)	3,067	4745
Total Customers Affected (Short- Blinks)	204	3790
Total Customer Minutes Out	521,724	361101
Total Outages Within City System	23	21
Total Outages in Supply to City	0	0

Number of Outages (by Cause)					
Cause #	Description	Total This Month	This Month Last Year	Rolling AT	%
0	Supply to City	0	0	0	0%
1	Overhead Equipment Failure	2	0	11	9%
2	Underground Equipment Failure	10	13	52	41%
3	Weather	7	7	26	20%
4	Birds, Animals, Snakes, etc.	2	1	18	14%
5	Trees	1	0	4	3%
6	Foreign Interference	0	0	4	3%
7	Human	0	0	1	1%
8	Other	0	0	0	0%
9	Unknown	1	0	6	5%
10	Vehicle	0	0	6	5%
	Total	23	21	128	

12 Month Outage Statistics		
Index	As of This Month	As of This Month Last Year
ASAI (%)	99.9951	99.9957
CAIDI (Long) (min)	111.47	35.11
SAIDI (Long) (min)	25.81	22.46
SAIFI (Long) (ints/tot cust)	0.23	0.64
SAIFI (Short) (ints/tot cust)	0.36	0.25
MAIFI (Momentary)	0.0033	0.0609

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)
MAIFI - Momentary Average Interruption Frequency Index
(# of momentary interruptions/total customers)