



**GRAND RAPIDS  
PUBLIC UTILITIES**

*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

## ELECTRIC DEPARTMENT MONTHLY RELIABILITY REPORT Sept 2024 Commission Meeting

### Reliability Report Last Month

SAIDI:	0.23	Avg Minutes / Customers Served	CAIDI:	7.40	Avg Minutes / Customer Out	Total Customers Out:	239
SAIFI:	0.03	Cust Outages / Customers Served	CAIFI:	0.046	Avg Outages / Customer Out	Total Reported Hours:	30
Active:	7660	Active Electric Customers	Outages:	11	Total Number of Outages	Total Customer Hours Out:	273
ASAI:	99.99959	Average Percent System Available					

*Figure 1: Reliability Numbers*

Major outage summary: Grand Rapids Public Utilities Service Area suffered two large outages caused by wildlife. Nine other outages occurred throughout the month and are listed below.

Outage Time	Restored Time	Outage Type	Duration (Hours)	Customers Out	Customer Hours
8/2/2024 12:20:30 PM	8/2/2024 1:06:35 PM	Equipment -r-	0.77	3	2.30
8/2/2024 3:00:36 PM	8/2/2024 5:37:13 PM	Equipment -r-	2.61	1	2.61
8/3/2024 6:22:19 PM	8/4/2024 11:32:02 AM	Tree -r-	17.16	1	17.16
8/4/2024 6:27:58 AM	8/4/2024 10:14:50 AM	Wildlife -r-	3.78	1	3.78
8/6/2024 9:25:42 AM	8/6/2024 10:06:15 AM	Equipment -r-	0.68	1	0.68
8/8/2024 5:58:56 AM	8/8/2024 6:00:27 AM	Scheduled -r-	0.03	2	0.05
8/12/2024 6:08:13 PM	8/12/2024 7:06:08 PM	Wildlife -r-	0.97	125	120.66
8/12/2024 11:07:05 PM	8/13/2024 12:29:55 AM	Wildlife -r-	1.38	84	115.97
8/15/2024 6:54:23 AM	8/15/2024 8:19:35 AM	Unknown -r-	1.42	2	2.84
8/26/2024 11:58:56 AM	8/26/2024 12:14:02 PM	Wildlife -r-	0.25	1	0.25
8/29/2024 3:18:34 PM	8/29/2024 3:44:35 PM	Unknown -r-	0.43	18	7.80

*Figure 2: Outage Information by Type*