



**GRAND RAPIDS
PUBLIC UTILITIES**

Service is Our Nature

500 SE Fourth Street • Grand Rapids, Minnesota 55744

ELECTRIC DEPARTMENT MONTHLY RELIABILITY REPORT Dec 2024 Commission Meeting

Reliability Report Last Month

In November, Grand Rapids Public Utilities experienced outages that impacted a larger number of customers. These outages were likely due to a faulty arrester or underground issues. Crews rerouted power sources and collaborated with electricians to identify and resolve the problem. There were two planned outages and several unplanned ones, including two caused by contractor hits, three by squirrels, one by a tree, one due to a bad connection, another from a faulty underground line, and two with unknown causes.

SAIDI:	0.10	Avg Minutes / Customers Served	CAIDI:	3.52	Avg Minutes / Customer Out	Total Customers Out:	221
SAIFI:	0.03	Cust Outages / Customers Served	CAIFI:	0.068	Avg Outages / Customer Out	Total Reported Hours:	13
Active:	7660	Active Electric Customers	Outages:	15	Total Number of Outages	Total Customer Hours Out:	134
ASAI:	99.99980	Average Percent System Available					

Outage Time	Restored Time	Outage Type	Duration (Hours)	Customers Out	Customer Hours
11/1/2024 9:32:36 AM	11/1/2024 10:19:28 AM	Wildlife -r-	0.78	2	1.56
11/1/2024 9:00:17 AM	11/1/2024 9:31:11 AM	Unknown -r-	0.52	80	41.20
11/1/2024 7:23:02 PM	11/1/2024 7:49:28 PM	Equipment -r-	0.44	73	32.16
11/4/2024 3:44:06 PM	11/4/2024 3:44:46 PM	Tree -r-	0.01	7	0.08
11/7/2024 8:25:48 AM	11/7/2024 10:41:18 AM	Utility Human Error -r-	2.26	2	4.52
11/7/2024 12:42:33 PM	11/7/2024 1:04:56 PM	Scheduled -r-	0.37	2	0.75
11/10/2024 10:14:27 AM	11/10/2024 11:24:08 AM	Equipment -r-	1.16	1	1.16
11/11/2024 5:33:35 AM	11/11/2024 8:37:39 AM	Tree -r-	3.07	6	18.41
11/12/2024 8:30:59 AM	11/12/2024 8:51:55 AM	Wildlife -r-	0.35	6	2.09
11/16/2024 7:59:38 AM	11/16/2024 8:47:25 AM	Wildlife -r-	0.80	25	19.91
11/16/2024 4:22:47 PM	11/16/2024 4:44:51 PM	Equipment -r-	0.37	3	1.10
11/20/2024 2:36:56 AM	11/20/2024 3:48:56 AM	Unknown -r-	1.20	5	6.00
11/21/2024 1:14:44 PM	11/21/2024 2:06:07 PM	Scheduled -r-	0.86	1	0.86
11/26/2024 10:29:08 AM	11/26/2024 11:03:21 AM	Utility Human Error -r-	0.57	7	3.99
11/29/2024 11:55:53 AM	11/29/2024 12:09:52 PM	Equipment -r-	0.23	1	0.23