

**GRAND RAPIDS  
PUBLIC UTILITIES**

*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

## **ELECTRIC DEPARTMENT MONTHLY REPORT May 2023 Commission Meeting**

### **Radio Safety Exercise: Itasca County MCI at Fairgrounds**

GRPU electric employees took part in a Mass Casualty Storm Event Training Exercise put on by the Itasca County Radio Users Board. Pictured: Lineman moving a power line as firefighters wait to remove tree blocking the road. The event took place in April 2023 with several local fire departments and county resources in attendance. GRPU utilizes the same radio system as emergency responders and practiced communicating following the National Incident Management System guidelines.



### **Solar Plus Battery Storage Project**

GRPU and MP will host the Ribbon Cutting Event for the Itasca Clean Energy Solar Plus Battery Storage project from 2 until 6 PM on Thursday, June 29, 2023. The notice is attached and more details to follow on GRPU's Facebook page and website.

### **Reliability Report Last Month**

April had one larger event caused by a tree on Isleview Rd. 183 customers lost service for under an hour. There were a few other outages caused by animals and one caused by equipment. Crews are working on several tree trimming projects and changed some line coordination to counter repeat events.



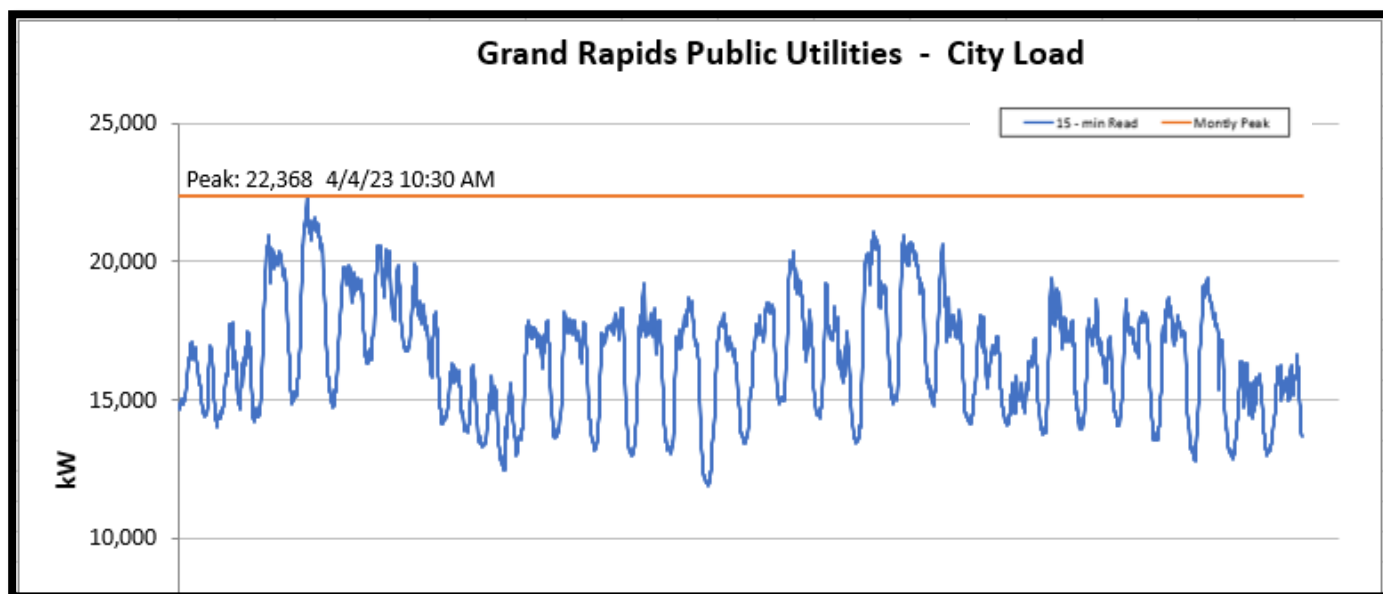
## **Electric Reliability Report**

05/05/2023

**Date Range**  
04/06/2023 - 04/23/2023

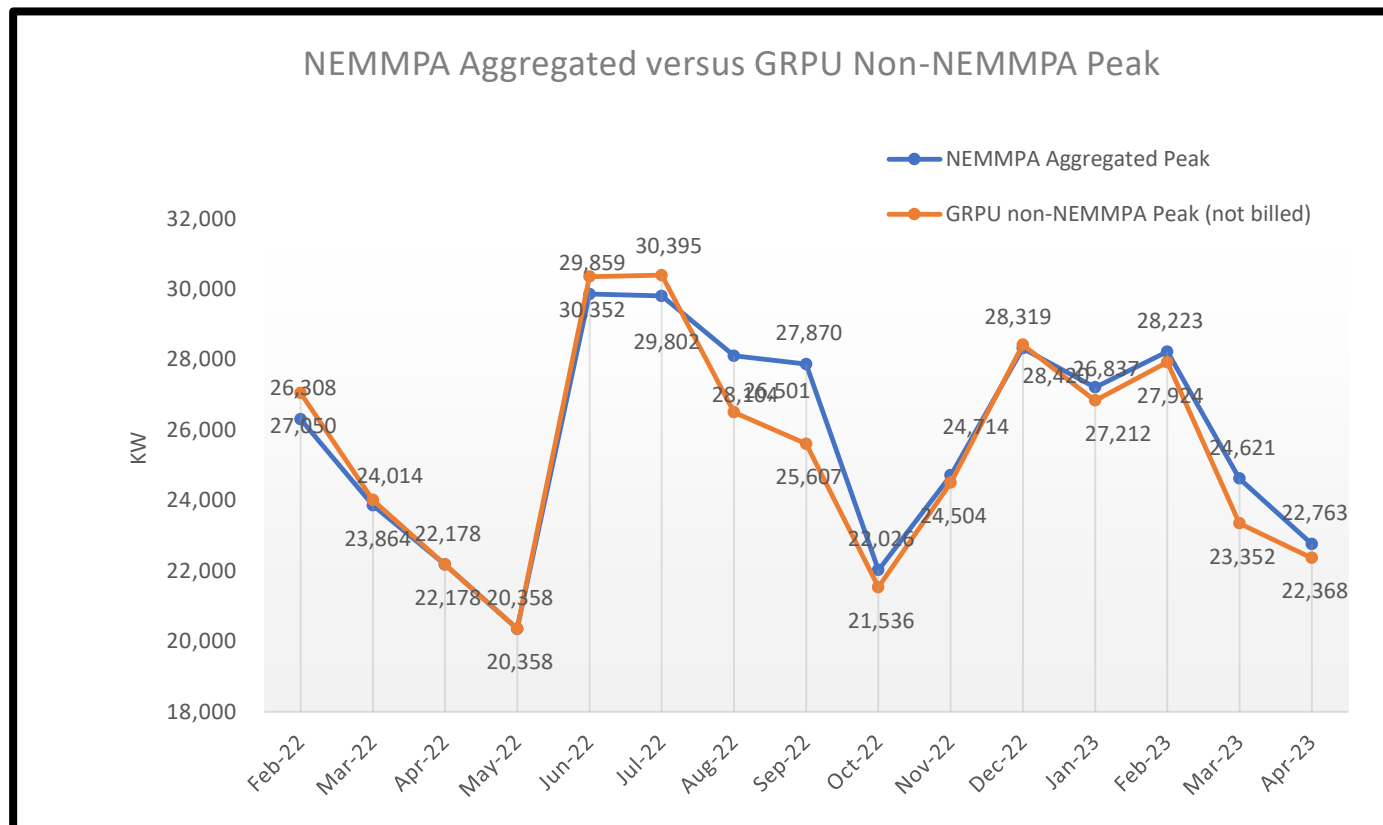
SAIDI:	0.02	Avg Minutes / Customers Served	CAIDI:	0.91	Avg Minutes / Customer Out	Total Customers Out:	194
SAIFI:	0.03	Cust Outages / Customers Served	CAIFI:	0.026	Avg Outages / Customer Out	Total Reported Hours:	3
Active:	7685	Active Electric Customers	Outages:	5	Total Number of Outages	Total Customer Hours Out:	162
ASAI:	99.99976	Average Percent System Available					

## Electric Load Graph Last Month



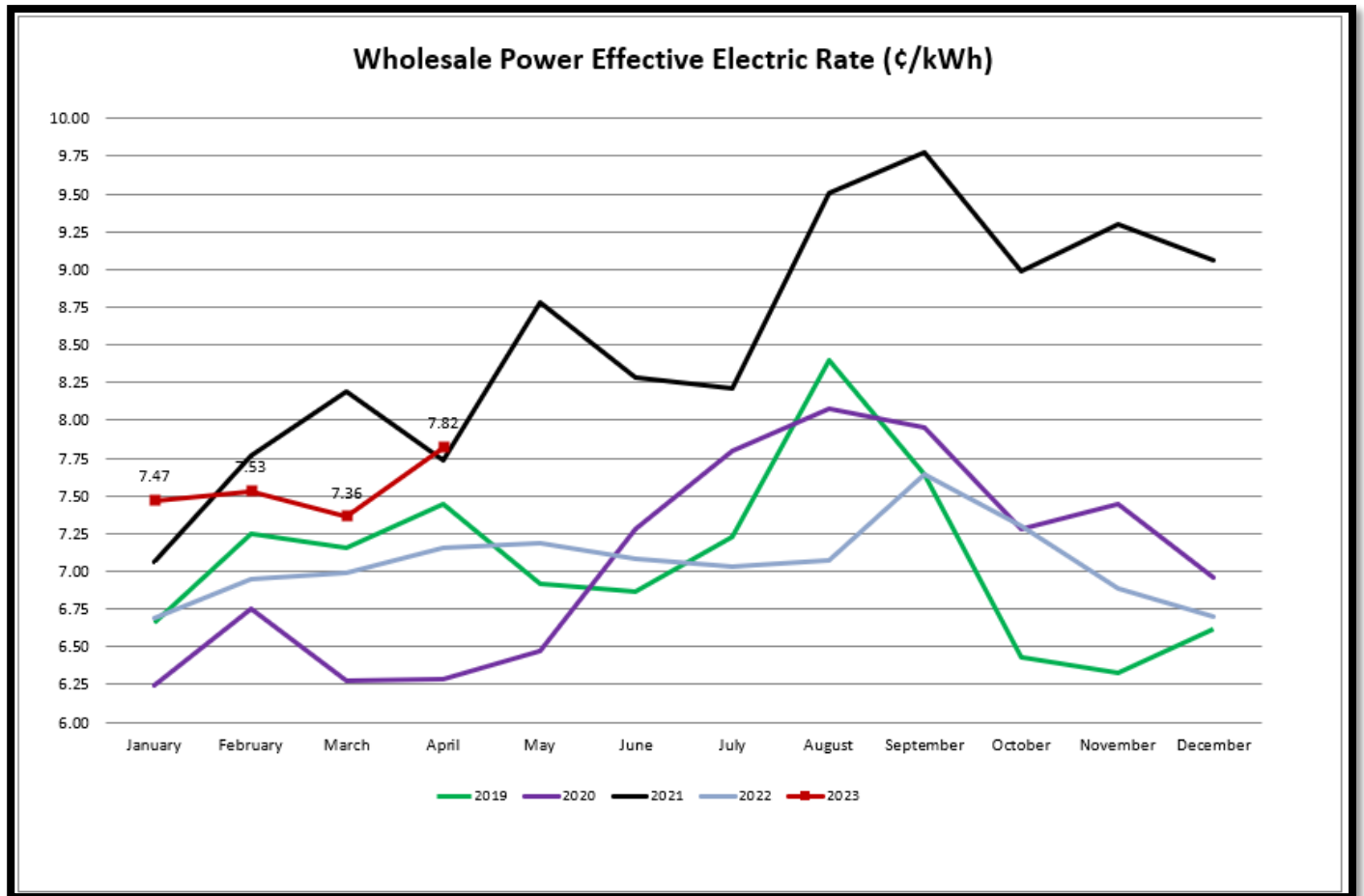
## NEMMPA vs. non-NEMMPA Peak Last Month

The attached graph shows the aggregated NEMMPA peak versus non-NEMMPA peak.



## Effective Wholesale Electric Power Rate Last Month

The attached graph shows the effective wholesale electric rate.



## Capital and Operations Project Summary

COMMISSION REPORT CONTENTS										
Agency						Amount	Percent Spent (calc'd)	Percent		
Lead	Dept	Proj Desc	Proj #	Budget	Spent			Comple	Status	Noted Issues / Highlights
GRPU	ELEC	Distribution System Transformers	ELEC2306	\$150,000	\$0		0%	10%	In Progress	Larger order
GRPU	ELEC	Crystal Springs Conversion	ELEC2135	\$146,000	\$0		0%	0%	On Hold	trx supply chain issues - pushed to 2024
GRPU	ELEC	Reliability Upgrades	ELEC2314	\$100,000	\$0		0%	0%	Not Started	
GRPU	ELEC	Tree Trimming	EOPS	\$100,000	\$0		0%	0%	Not Started	
GRPU	ELEC	Backyard Machine	ELEC2318	\$90,000	\$0		0%	0%	Not Started	
GRPU	ELEC	OH Replacements	ELEC2304	\$60,000	\$0		0%	0%	Not Started	
GRPU	ELEC	Power Pole Replacement	ELEC2311	\$50,000	\$0		0%	0%	Not Started	
GRPU	ELEC	Distribution System Services	ELEC2301	\$40,000	\$0		0%	0%	Not Started	
GRPU	ELEC	SW 1st Avenue Conversion	ELEC2317	\$30,000	\$0		0%	0%	On Hold	trx supply chain issues - pushed to 2024
GRPU	ELEC	UG Replacements	ELEC2305	\$30,000	\$0		0%	1%	In Progress	
GRPU	ELEC	Maple Street Conversion	ELEC2316	\$29,000	\$0		0%	0%	On Hold	trx supply chain issues - pushed to 2024
GRPU	ELEC	AMI Meters	ELEC2307	\$25,000	\$0		0%	1%	In Progress	
GRPU	ELEC	Security Lighting	ELEC2303	\$13,996	\$0		0%	0%	Not Started	
GRPU	ELEC	Duel Fuel Services	ELEC2302	\$2,560	\$0		0%	0%	Not Started	
City	ELEC	21st St & Forest Hills Dr	EOPS				#DIV/0!		In Progress	
Developer	ELEC	Ainsworth Site Transformer	EOPS		\$62,283		#DIV/0!	1%	In Progress	
GRPU	ELEC	CSC Generator	EOPS				#DIV/0!		In Progress	2024 delivery
GRPU	ELEC	East Sub Rewire	EOPS		\$0		#DIV/0!	0%	Not Started	
City	ELEC	Forest Lake School Site Housing	EOPS				#DIV/0!		Not Started	
Developer	ELEC	Newman Campground - LaPrairie	EOPS		\$33,000		#DIV/0!	40%	In Progress	
City	ELEC	Sylvan Bay Area Reconstruction	EOPS				#DIV/0!		Not Started	

### Status Definitions

- Not Started - no human or financial resources utilized
- In Progress - time or money spent on the project
- In Service - operational but final close out needed
- Completed - done and closed out
- On Hold - waiting on some type of significant action