

GRAND RAPIDS
PUBLIC UTILITIES

Service is Our Nature

500 SE Fourth Street • Grand Rapids, Minnesota 55744

ELECTRIC DEPARTMENT MONTHLY REPORT April 2022 Commission Meeting

Safety

- There were no OSHA recordable accidents last month.

Demand Threshold and Power Usage for past month

- The attached graph shows the system load with demand threshold for the past month.

Reliability Last Month

- We had no outages during the month.

Projects Performed Last Month

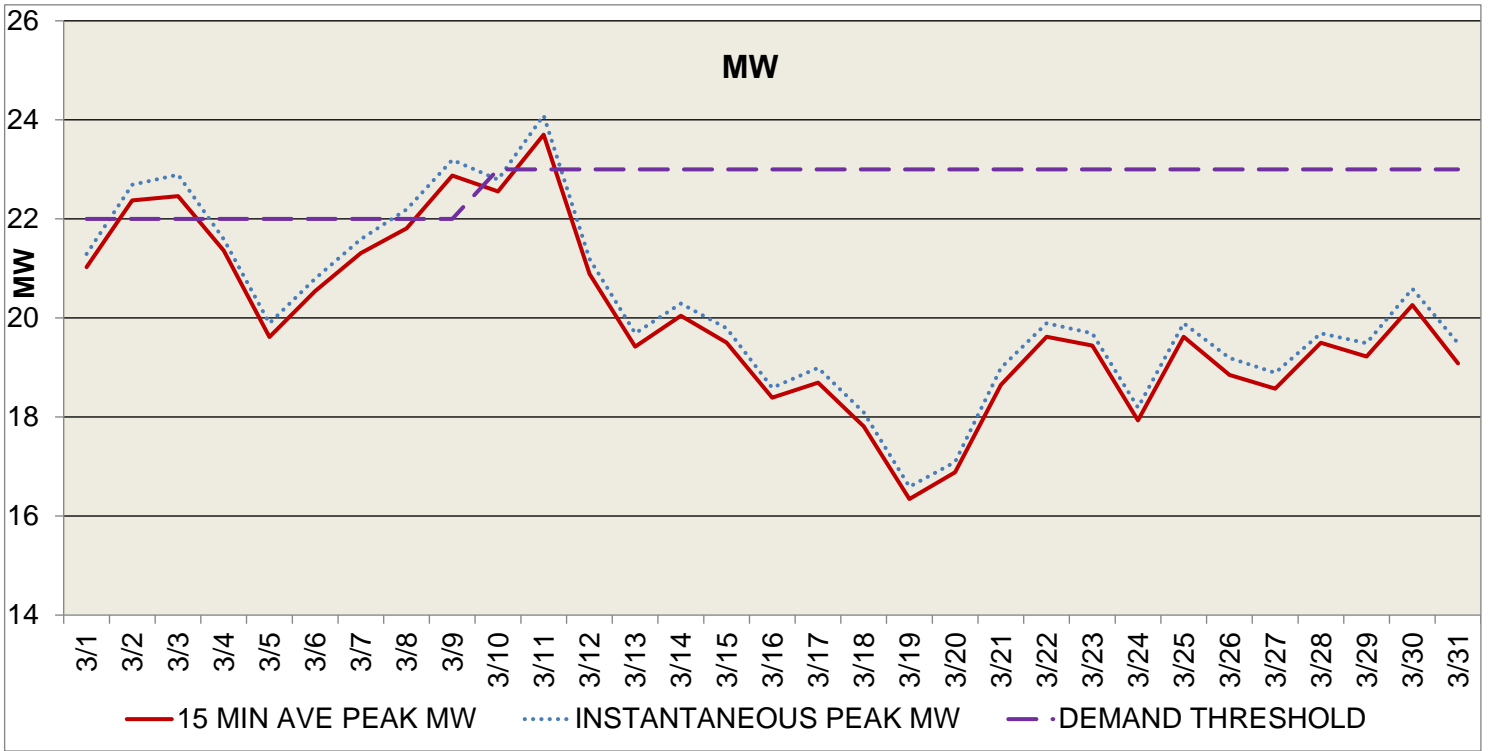
- 2022 Project planning, project scheduling, and material acquisition
- System maintenance – switch and substation checks, Reliability – south substation recloser
- Policy/procedure work

Projects Scheduled for This Month

- Metering system – increasing utilization and effectiveness of system including reports, alerts, and efficiency
- Solar plus Battery Storage project
 - System energized from GRPU grid 4/6
 - Testing and programming of solar and battery invertors to follow
 - Preliminary anti-islanding test 4/11
 - System commissioning late April along with final anti-islanding test
- New services/construction 2022 – Best Western, Caribou coffee, Cenex station, County Courts and Jail project, LaPrairie campground, Maturi addition/old Kmart, MDI second service, New car wash, Wagner site development including lift stations, Woodland Bank

GRAND RAPIDS PUBLIC UTILITIES COMMISSION				
MARCH 2022 LOAD MANAGEMENT SYSTEM REPORT				
Mar-22	INST PK MW	15 MIN AVE PK MW	MW DEMAND THRESHOLD	CONTROLLED DAYS
Minimum	16.59	16.34	22.00	
Maximum	24.09	23.70	23.00	
Average	20.24	19.95	22.71	
Total				4

Savings due to active load management system for month of March 2022 estimated at \$2700



GRAND RAPIDS PUBLIC UTILITIES COMMISSION
DAILY POWER USAGE

Mar-22	INST PK MW	15 MIN AVE PK MW	MW DEMAND THRESHOLD	CONTROLLED DAYS
3/1	21.29	21.03	22.00	-1.0
3/2	22.69	22.37	22.00	0.4
3/3	22.89	22.46	22.00	0.5
3/4	21.59	21.36	22.00	-0.6
3/5	19.89	19.62	22.00	-2.4
3/6	20.79	20.54	22.00	-1.5
3/7	21.59	21.31	22.00	-0.7
3/8	22.19	21.81	22.00	-0.2
3/9	23.19	22.88	22.00	0.9
3/10	22.79	22.56	23.00	-0.4
3/11	24.09	23.70	23.00	0.7
3/12	21.19	20.89	23.00	-2.1
3/13	19.69	19.42	23.00	-3.6
3/14	20.29	20.05	23.00	-3.0
3/15	19.79	19.50	23.00	-3.5
3/16	18.59	18.39	23.00	-4.6
3/17	18.99	18.70	23.00	-4.3
3/18	18.09	17.81	23.00	-5.2
3/19	16.59	16.34	23.00	-6.7
3/20	17.09	16.88	23.00	-6.1
3/21	18.99	18.65	23.00	-4.3
3/22	19.89	19.62	23.00	-3.4
3/23	19.69	19.44	23.00	-3.6
3/24	18.19	17.93	23.00	-5.1
3/25	19.89	19.62	23.00	-3.4
3/26	19.19	18.85	23.00	-4.1
3/27	18.89	18.57	23.00	-4.4
3/28	19.69	19.50	23.00	-3.5
3/29	19.49	19.22	23.00	-3.8
3/30	20.59	20.26	23.00	-2.7
3/31	19.49	19.08	23.00	-3.9
Minimum	22.92	22.53	27.20	
Maximum	24.09	23.70	23.00	
Average	20.24	19.95	22.71	
Total				4
		Peak Demand Day		Controlled Day