

GRAND RAPIDS  
PUBLIC UTILITIES

*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

## **ELECTRIC DEPARTMENT MONTHLY REPORT February 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**

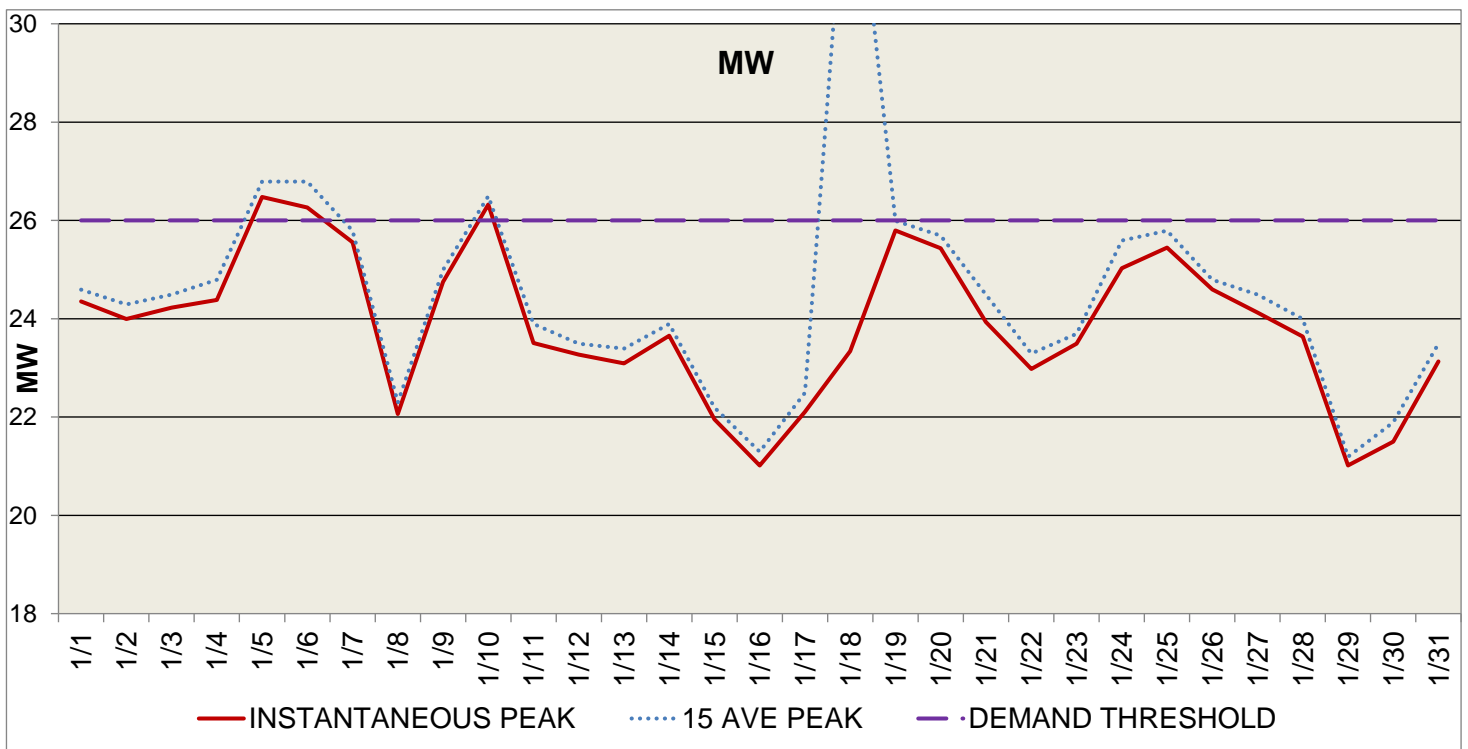
- Tripsaver recloser installation, Security light conversion
- Policy/procedure work, project scheduling and material acquisition
- MMUA Emergency Preparedness and Restoration Conference

### **Projects Scheduled for This Month**

- Work flow, procedural work
- Solar plus Battery Storage project
  - UL Certification for battery – required before battery installation
  - Battery delivered to Shakopee in heated warehouse
  - First test energy and anti-islanding test – February
  - Solar and battery testing – February
  - System commissioning – February
- New services/construction 2022 – County Courts and Jail project, Caribou coffee, LaPrairie campground, Maturi addition/old Kmart, Best Western, Woodland Bank, Cenex station, old Ainsworth site including lift stations, MDI second service

| GRAND RAPIDS PUBLIC UTILITIES COMMISSION   |            |                  |                     |                 |
|--|------------|------------------|---------------------|-----------------|
| JANUARY 2022 LOAD MANAGEMENT SYSTEM REPORT |            |                  |                     |                 |
| Jan-22                                     | INST PK MW | 15 MIN AVE PK MW | MW DEMAND THRESHOLD | CONTROLLED DAYS |
| Minimum                                    | 21.19      | 21.01            | 26.00               |                 |
| Maximum                                    | 34.39      | 26.48            | 26.00               |                 |
| Average                                    | 24.54      | 23.88            | 26.00               |                 |
| Total                                      |            |                  |                     | 6               |

Savings due to active load management system for month of January 2022 estimated at \$23,013



**GRAND RAPIDS PUBLIC UTILITIES COMMISSION**  
**DAILY POWER USAGE**

| Jan-22  | INST PK MW | 15 MIN AVE PK MW | MW DEMAND THRESHOLD | CONTROLLED DAYS |
|---------|------------|------------------|---------------------|-----------------|
| 1/1     | 24.59      | 24.35            | 26.00               | -1.65           |
| 1/2     | 24.29      | 23.99            | 26.00               | -2.01           |
| 1/3     | 24.49      | 24.22            | 26.00               | -1.78           |
| 1/4     | 24.79      | 24.38            | 26.00               | -1.62           |
| 1/5     | 26.79      | 26.48            | 26.00               | 0.48            |
| 1/6     | 26.79      | 26.26            | 26.00               | 0.26            |
| 1/7     | 25.79      | 25.55            | 26.00               | -0.45           |
| 1/8     | 22.29      | 22.06            | 26.00               | -3.94           |
| 1/9     | 24.99      | 24.75            | 26.00               | -1.25           |
| 1/10    | 26.49      | 26.32            | 26.00               | 0.32            |
| 1/11    | 23.89      | 23.51            | 26.00               | -2.49           |
| 1/12    | 23.49      | 23.27            | 26.00               | -2.73           |
| 1/13    | 23.39      | 23.09            | 26.00               | -2.91           |
| 1/14    | 23.89      | 23.65            | 26.00               | -2.35           |
| 1/15    | 22.19      | 21.95            | 26.00               | -4.05           |
| 1/16    | 21.29      | 21.01            | 26.00               | -4.99           |
| 1/17    | 22.49      | 22.10            | 26.00               | -3.90           |
| 1/18    | 34.39      | 23.34            | 26.00               | -2.66           |
| 1/19    | 25.99      | 25.79            | 26.00               | -0.21           |
| 1/20    | 25.69      | 25.43            | 26.00               | -0.57           |
| 1/21    | 24.49      | 23.93            | 26.00               | -2.07           |
| 1/22    | 23.29      | 22.98            | 26.00               | -3.02           |
| 1/23    | 23.69      | 23.49            | 26.00               | -2.51           |
| 1/24    | 25.59      | 25.03            | 26.00               | -0.97           |
| 1/25    | 25.79      | 25.45            | 26.00               | -0.55           |
| 1/26    | 24.79      | 24.59            | 26.00               | -1.41           |
| 1/27    | 24.49      | 24.13            | 26.00               | -1.87           |
| 1/28    | 23.99      | 23.64            | 26.00               | -2.36           |
| 1/29    | 21.19      | 21.01            | 26.00               | -4.99           |
| 1/30    | 21.89      | 21.50            | 26.00               | -4.50           |
| 1/31    | 23.49      | 23.13            | 26.00               | -2.87           |
|         |            |                  |                     |                 |
| Minimum | 28.02      | 27.58            | 28.65               |                 |
| Maximum | 34.39      | 26.48            | 26.00               |                 |
| Average | 24.54      | 23.88            | 26.00               |                 |
| Total   |            |                  |                     | 6               |
|         |            |                  |                     |                 |
|         |            | Peak Demand Day  |                     | Controlled Day  |
|         |            |                  |                     |                 |