

**GRAND RAPIDS  
PUBLIC UTILITIES**

*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

## **ELECTRIC DEPARTMENT MONTHLY REPORT Nov 2024 Commission Meeting**

### **Electric Load Graph Last Month**

The NEMMPA gross peak occurred on 10/31 at 2:00 pm. A late-morning peak was forecasted, so MP scheduled and dispatched the battery from 8:00 am to 12:00 pm, with GRPU controlling from 6:50 am to 1:10 pm. While the forecast aligned with typical patterns for this time of year, the peak unexpectedly formed in the early afternoon. As a result, we missed the October peak and are currently analyzing the data to gain further insights.

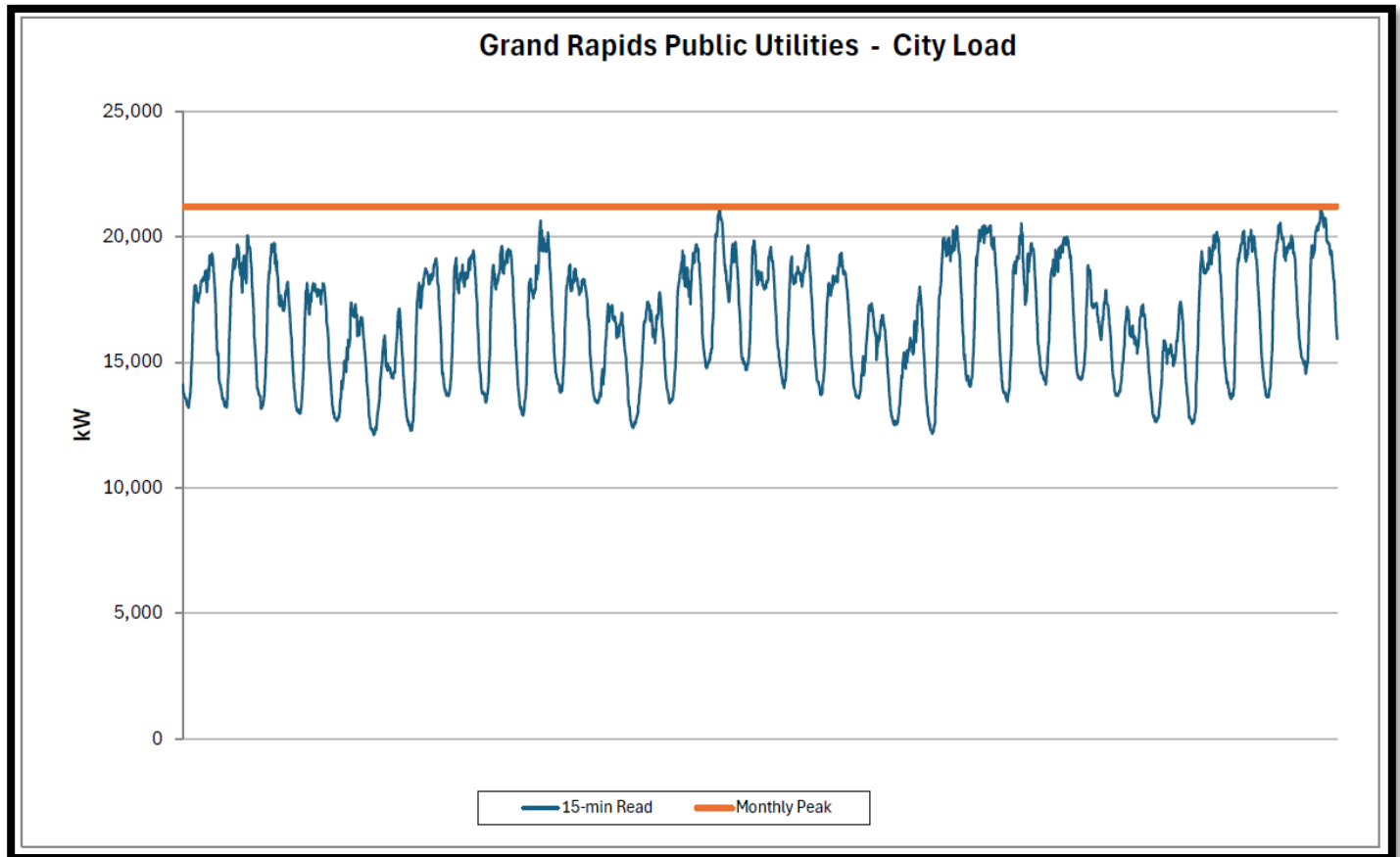


Figure 1: 21,209 kW GR Peak

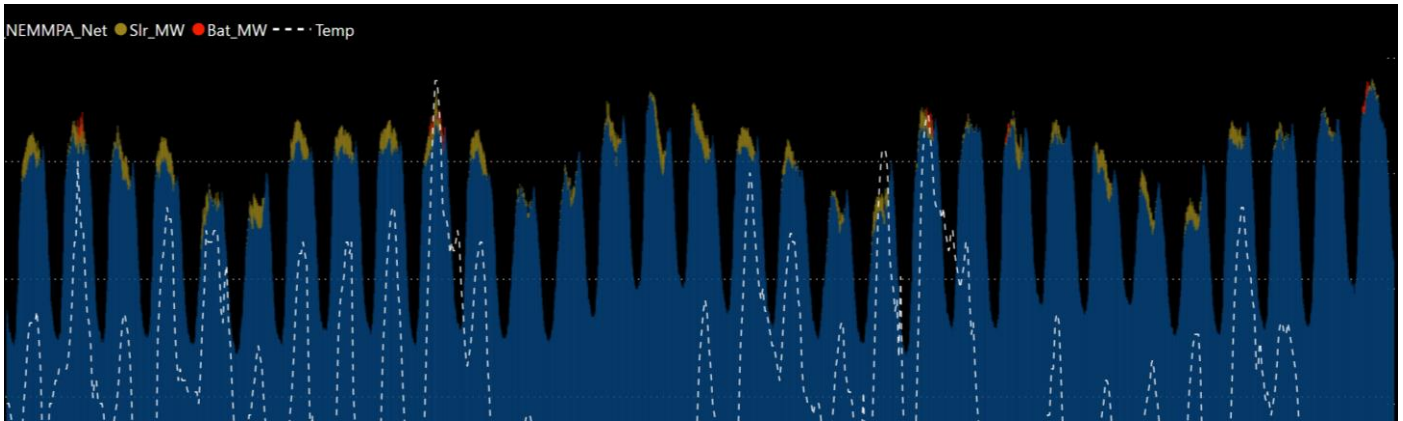


Figure 2: NEMMPA Load with Battery & Solar.

### NEMMPA vs. non-NEMMPA Peak Last Month

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

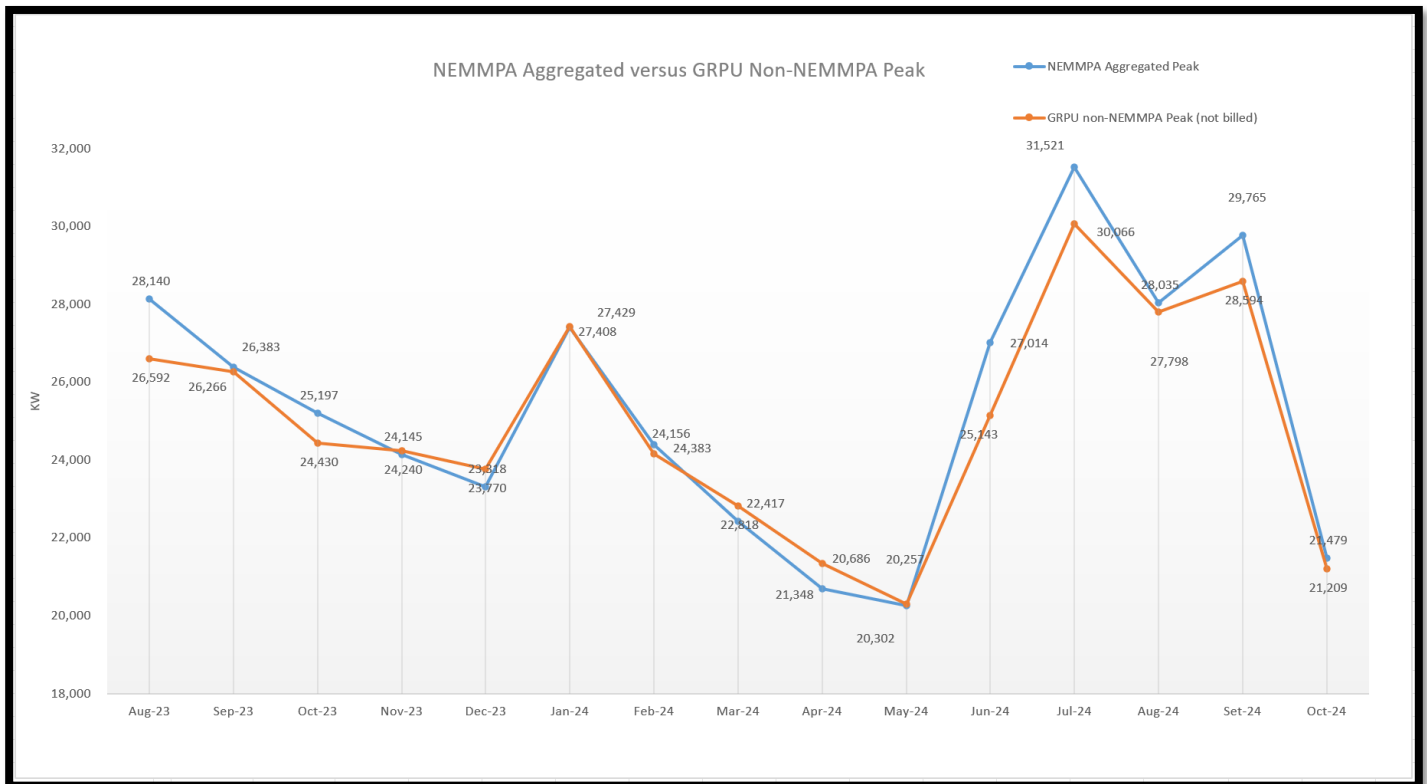


Figure 3: NEMMPA Peak -vs- non-NEMMPA

### Effective Wholesale Electric Power Rate Last Month

The attached graph shows the effective wholesale electric rate.

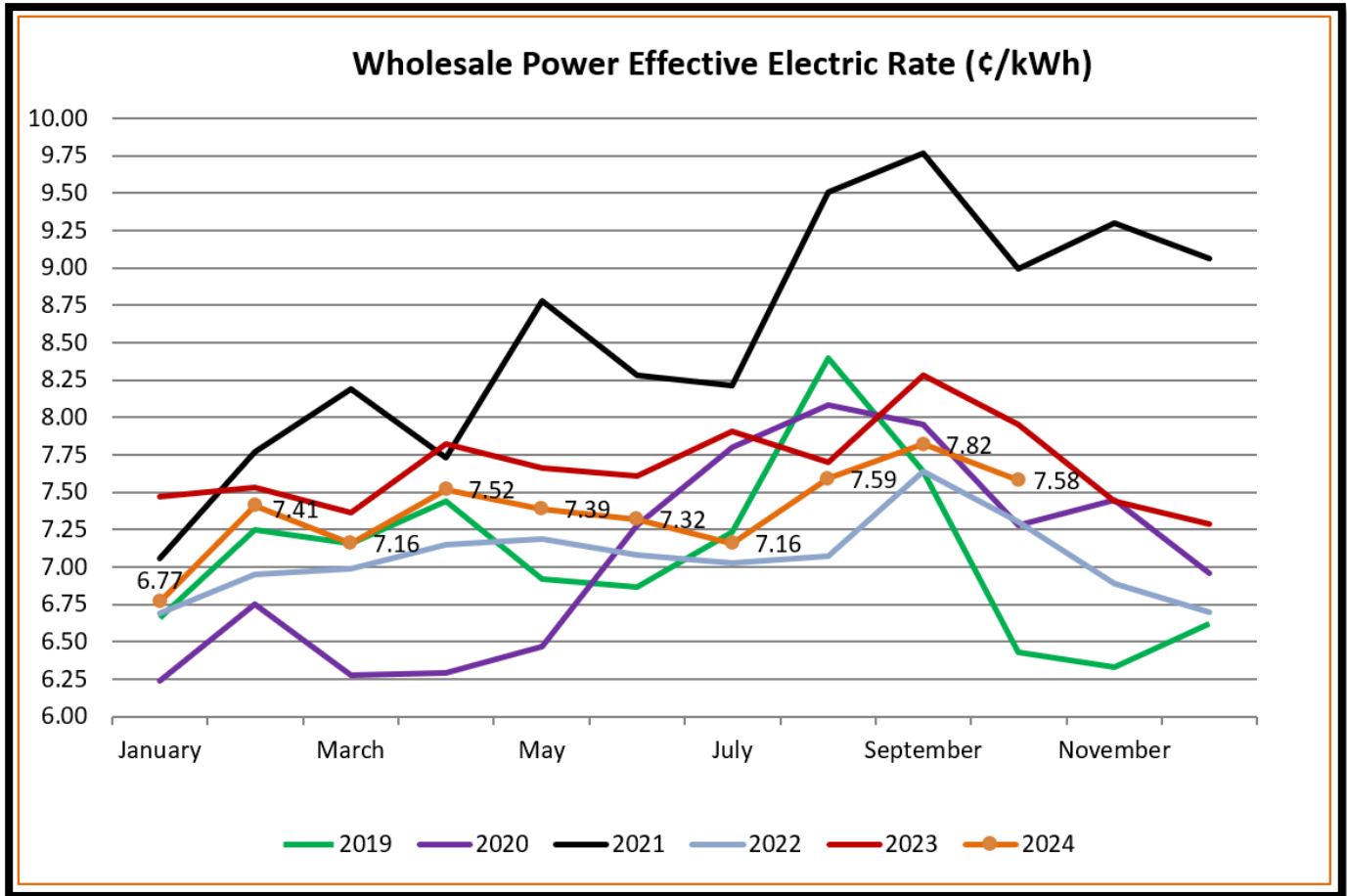


Figure 4: Wholesale Power Effective Elect Rate