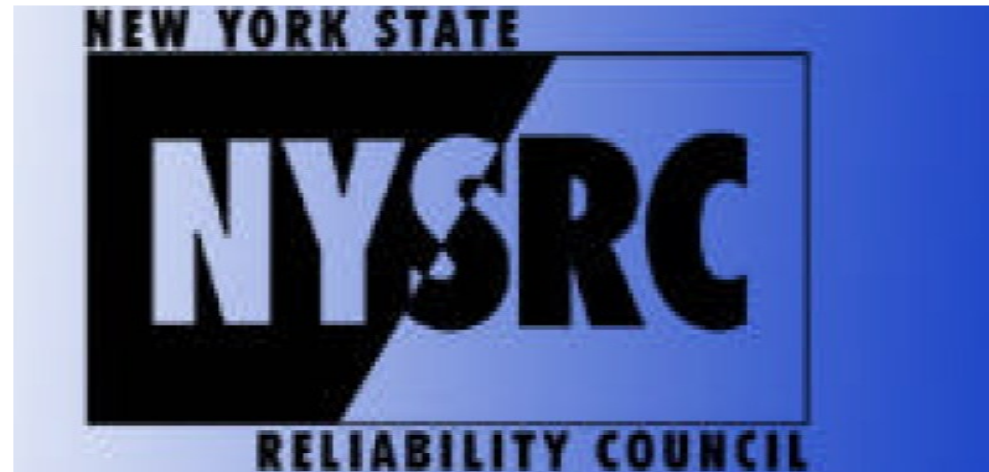


# Review of the GADS 2023 Summer Maintenance Events July 30, 2024 ICS Meeting

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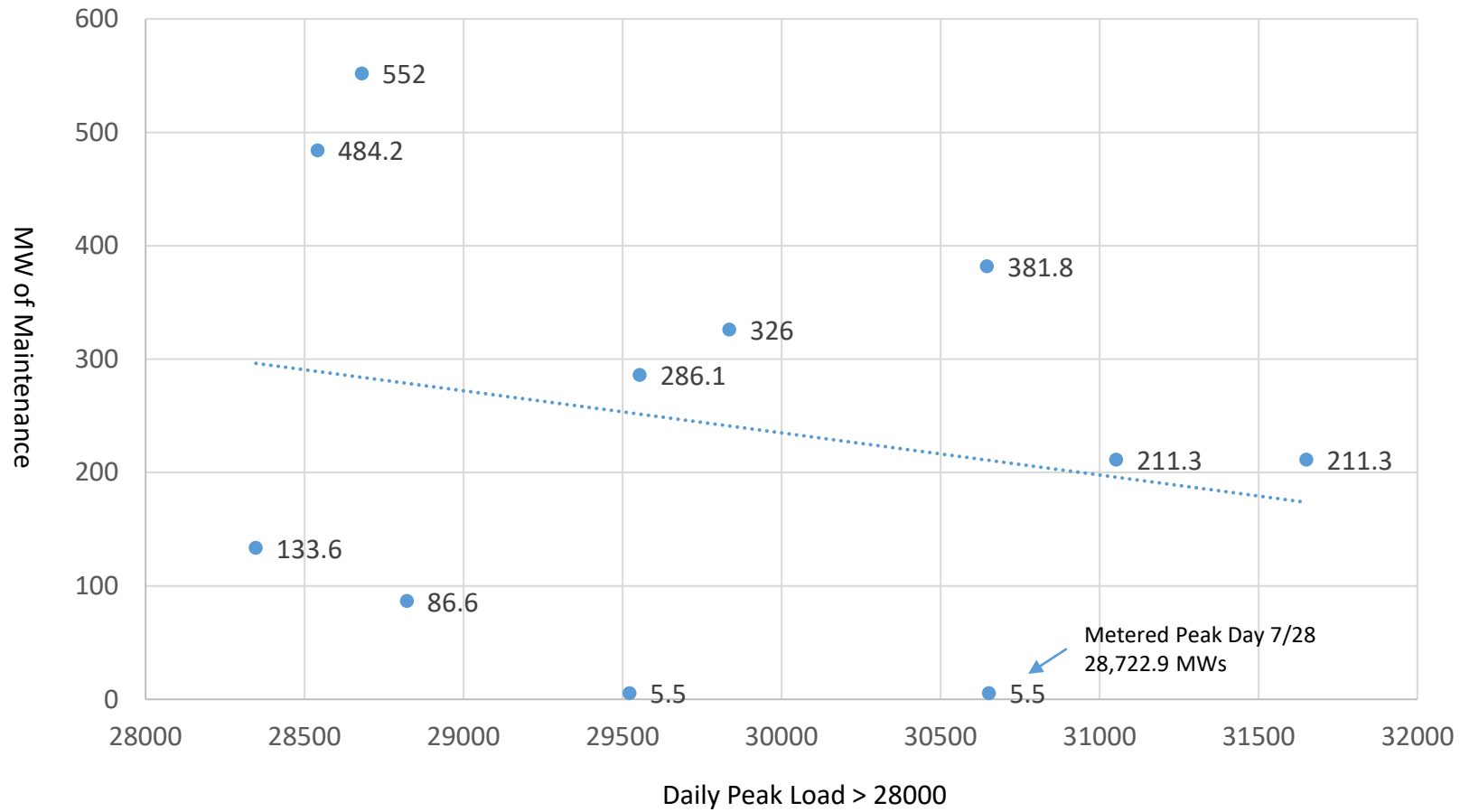
## 2023 GADS Summer Maintenance Events Review

- Daily MW on maintenance for daily summer peak loads greater than 28,000 MW was developed from data provided by the NYISO.
- The data analyzed included hourly loads for 2023 with demand response and BTM solar added back and from GADS the reported unit planned and maintenance outage events including derates.
- The period June 1 to Sept. 15 was reviewed for reported maintenance events.
- There were 11 days in this period when the gross load as defined above exceeded 28,000 MWs.
- The reported/metered summer peak load for 2023 was 28,722.9 MW or 0.914 per unit of the weather normalized summer peak VS a summer peak of 30,505 MW in 2022 or .962 per unit.

## 2023 Summer Maintenance Review Continued

- During the period June 1 through mid September there were a total of 572 recorded GADS maintenance events that were initially identified for this analysis.
- After events with cause code 9300 (transmission limitations) were removed, 485 events remained for the summer maintenance analysis.
- The 485 events consisted of 166 D4s (maintenance derates), 218 MOs (maintenance outages), 0 MEs (maintenance extensions), 54 POs (planned outage), 0 PEs (planned extensions) and 47 PDs (planned derate).
- Approximately 4% out of the 485 events reviewed impacted days when gross loads exceeded 28,000 MW.
- The MWs on outage for the days when gross loads exceeded 28,000 MW totaled 2,683.9 MWs or an average of 244.0 MW per day.
- Plots of MW on maintenance VS gross daily peak loads was prepared for all daily peaks of 28,000 MW or more

2023 Daily Summer Maintenance/Derate MWs VS Daily Peak Loads  
For Loads As Defined >28,000 MW



## Findings and Recommendations

- A total of 485 maintenance events were reviewed for the period May 31 through mid September.
- 403 or 83.0% of the total events reviewed occurred in Zones J&K.
- One unit that is now deactivated was removed from the analysis.
- It apparently being a relatively cool summer, the review of the 2023 GADS summer maintenance events does not provide any basis to suggest that 50 MW summer maintenance assumption (25 MW in J and 25 MW K) needs to be adjusted.