2019 - 2020 IRM Study
Summer Maintenance Assumption
2017 Summer Maintenance Analysis

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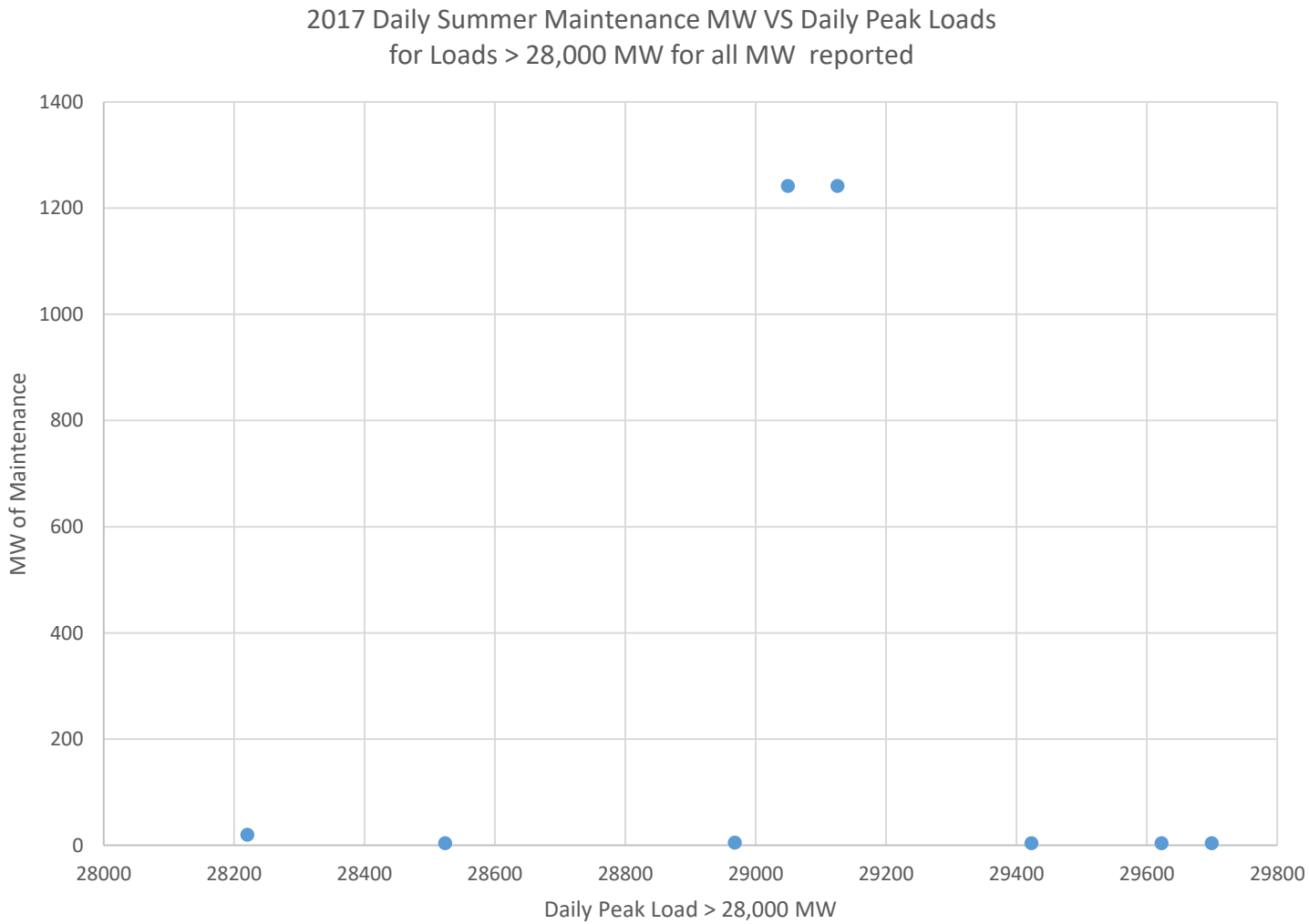
6/27/2018

2017 Summer Maintenance Analysis

- Daily MW on maintenance for daily summer peak loads greater than 28,000 MW was developed from data provided by the NYISO.
- The data included 2017 hourly loads and unit planned and maintenance outage events including derates reported in GADS.
- There were 8 daily peak loads above 28,000 MW VS. 25 in 2016.
- The summer peak load was 29,699 MW in 2017 or .91 per unit of the forecasted summer peak (PUFSP).
- 3 of the observations occurred in bin 6 while the balance of 5 occurred in bin 7.
- The summer peak for 2016 was 32,282 MW or .97 PUFSP.

2017 Summer Maintenance Analysis Continued

- During the months of June, July, August and September there were 14 D4s (maintenance derates), 26 MOs (maintenance outages), 1 MEs (maintenance extensions), 17 POs (planned outage), 7 PDs (planned derate) and 1 PE (planned extension) events for a total of 66 events that were reported in the GADS data .
- For daily peak loads greater than 28,000 MW, the MWs on maintenance for the events included in the analysis totaled 2525 MW.
- Plots of MW on maintenance VS daily peak loads was prepared for all daily peaks of 28,000 MW or more


2017 Daily Summer Maintenance MW VS Daily Peak Loads
for Loads > 28,000 MW for all MW reported
MW of Maintenance
1400
1200
1000
800
600
400
200
0
28000
28200
28400
28600
28800
29000
29200
29400
29600
29800
Daily Peak Load > 28,000 MW

Findings and Recommendations

- Out of the total of 66 maintenance events reported during June through September 46 of those occurred in Zones J & K
- The peak load experience for the summer of 2017 provides minimal or inconclusive information regarding summer maintenance.
- Recommend maintaining the summer maintenance at 50 MW and distributed as in 2018 - 2019 IRM study in Zones J&K – 25 MW in each Zone.