

# Outage and Derate Reporting

RCSTF

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IMM



Monitoring Analytics

# Correct Data is Required for Reserve Certainty

- **“If the generator availability and offer data is not consistent with the resource’s true capability, PJM operators are left with an inaccurate view of the true capability of the fleet.” – PJM Elliott Report**
- **During Elliott, inaccurate unit status and unit parameters were not only related to gas/electric coordination issues.**
- **Some units that were not available did not update their real-time availability in Markets Gateway.**

# Real-time Outage Reporting Requirements

- **Units are required to communicate their availability status to PJM in real time.**
- **This is routinely done in the eDART tool. eDART does not feed this data into Markets Gateway or SCED.**
- **When outages or derates are not reported timely in Markets Gateway, PJM continues to clear reserves that are not actually available.**
- **Accurate and timely reporting of both outages and derates is required for accurate reserve calculations.**

# Hourly Unit Availability

- **Some resources submit hourly differentiated eco max values. Some do not.**
- **When ambient conditions change, units with daily eco max values will be incorrect.**
- **Real-time eco max values, at least hourly, are required for accurate reserve calculations.**
- **Derates and outages need to be reported in Markets Gateway as soon as they are known.**
- **See Apr 2022 IMM MC Webinar for data:**
  - [https://www.monitoringanalytics.com/reports/Presentations/2022/IMM\\_MC\\_Webinar\\_Market\\_Monitor\\_Report\\_2022\\_0425.pdf](https://www.monitoringanalytics.com/reports/Presentations/2022/IMM_MC_Webinar_Market_Monitor_Report_2022_0425.pdf)

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