



# Preliminary Non-Performance Assessment Report Information

2/10/2023

For Public Use

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## Disclaimer

The preliminary estimates provided in these reports are subject to change and do not reflect forthcoming changes including, but not limited to, an updated Balancing Ratio, outage data reconciliation, and/or other ongoing data quality assurance reviews. As of 2/9/2023, approximately 30% of the total Non-Performance Charges is under review. This percentage will likely increase following participant review of the preliminary reports. The risk of reduction in the bonus pool as a result of these reviews has not been accounted for in these estimates. Additionally, bonus performance payments ultimately depend on total collected Non-Performance Charges so those credits will also be subject to change based on actual collections. Collection of these charges cannot be guaranteed on account of factors outside of PJM's control, including potential Market Participant bankruptcy or other financial constraints affecting collectability. In addition, these preliminary estimates will be updated prior to billing and may contain errors and/or omissions at this time. As such, these preliminary estimates are non-binding and for informational purposes only. All PJM governing document rules will apply to the final Non-Performance Charges and bonus performance payments in the actual invoices that will begin to be invoiced with the March monthly bill (issued on April 7, 2023).

## General Information

The data is **preliminary** and may be subject to material increases or decreases prior to final billing based on reasons including, but not limited to:

- Calculation of the final balancing ratio
  - Inclusion of Demand Response resource and Price Responsive Demand resource bonus MW will increase the balancing ratio, which in turn increase the Expected MW for generation resources leading to increased shortfall quantities and decreased bonus quantities.
- Ongoing outage data reconciliation in eDART and eGADS
- Ongoing data quality reviews
- Calculation and incorporation of Demand Response resource, Price Responsive Demand resource, and Energy Efficiency resource shortfall and bonus MW
- Calculation of bonus MW for net imports
- Actual collection of non-performance penalties
- Preliminary bonus credits assume a fixed pool of non-performance credits and 100% collection of those credits
  - The risk of reduction in the total penalties (and correspondingly total bonuses) as a result of ongoing reviews has not been accounted for in these preliminary estimates.
  - Per the ongoing [discussion](#) at the Risk Management Committee, a portion of the bonus pool will be temporarily withheld to account for potential under collection. The preliminary bonus credits in these reports assumes a 0% hold back percentage.

These estimates are based on:

- The preliminary balancing ratio
- eDART outage data as of 15:00 EPT on 2/8/2023
- RPM committed MW values as of 15:00 EPT on 2/8/2023
- Applicable excusals for approved outages, economics and manual dispatch as of 15:00 EPT on 2/8/2023

The preliminary reports do not reflect any performance netting permitted under the Tariff for aggregate resources. Aggregate performance netting will be included in the final billing. Market participants with aggregates can use the resource level performance data by interval to determine the net under or over performance.

The preliminary reports do not reflect any adjustments provided to protect from double penalization for certain RPM penalties (e.g. Commitment Compliance, Generator Rating Test, etc.) or stop-loss provisions. These will be reflected in the final billing

PJM does not anticipate publishing future iterations of these preliminary non-performance assessment reports. Final versions of the non-performance assessment reports will be published just prior to billing but no later than April 6, 2023.

The preliminary data is limited to Generation resources only. Net Imports, Energy Efficiency, Demand Response Resources and Price Responsive Demand resources are not reported in the preliminary dataset.

## How to Address Questions regarding Report Data

Participants that have questions regarding excusal qualifications are asked to review the PAI Settlement section of the Winter Storm Elliott Frequently Asked Questions ([link](#)) where various scenarios are documented.

Participants that have questions or concerns about their unit-specific performance estimates following review of the preliminary MSRS reports that are not covered by the FAQ may submit them through the new PAI Unit-Specific Request Process which was discussed at the February 8 Market Implementation Committee meeting ([MIC Presentation](#) | [SharePoint link](#) | [SharePoint Login Instructions](#)).

General PAI inquiries should continue to be sent to [custsvc@pjm.com](mailto:custsvc@pjm.com).

## Navigating MSRS to Access the Reports

Select the “RPM” category using the “View By” selector

Select a date range that spans 12/23/2022 – 12/24/2022

The Preliminary Non-Performance Assessment reports include:

- **Preliminary NPA Unit Performance Details** – this report contains energy market unit performance during each Performance Assessment Interval. The energy market units are mapped to capacity resources and

the relevant information is displayed to the capacity resource owners (energy only resources are displayed to the energy market owner). The report provides necessary details for Actual Performance and scheduled MW during a Performance Assessment Interval.

- **Preliminary NPA Resource Outage Details** - this report contains relevant eDART outage data during each Performance Assessment Interval. The eDART units are mapped to capacity resources and the relevant information is displayed to the capacity resource owners (energy only resources are displayed to the energy market owner).
- **Preliminary NPA Resource Charge Details** – this report contains the relevant details supporting the Non-Performance Assessment, including Expected Performance, Actual Performance, Excusals and the resulting shortfall MW or bonus MW for each capacity resource during each Performance Assessment Interval. It pulls the details from the Unit Performance Details and Resource Outage details. For resources with a shortfall MW, the resulting Initial Non-Performance Charge is also provided in this report by resource and interval. This report does not include resource-level bonus credit amounts. However, the credit can be calculated by multiplying the bonus MW on this report by the bonus rate, which can be calculated using data on the Preliminary NPA Billing Month Summary report.
- **Preliminary NPA Billing Month Summary** – this report contains account-specific non-performance charges and/or bonus performance credits for the billing month.

For additional information on report-specific data, see below.

## Data Confidentiality Impacts on Data Viewable in Reports

The performance assessment calculations pull together data from multiple PJM tools and market areas with potentially different resource account ownership (e.g. capacity resource ownership, energy market ownership and eDART ownership).

Because of concerns in exposing market sensitive information, PJM limits the data displayed on Non-Performance Assessment reports to data owned by the market participant account logged in to retrieve the report.

In cases where the data on a report belongs to different account owners, only the data belonging to the account logged into MSRS is displayed. In cases where the logged in account is not the owner of a particular data element, that field contains a null value.

For more information on the data that is displayed on each report based on account ownership, please refer to the report description documents linked in each report section below.

## Preliminary Non-Performance Assessment Unit Performance Details

This report contains energy market unit performance during each Performance Assessment Interval. The energy market units are mapped to capacity resources and the relevant information is displayed to the capacity resource owners (energy only resource data is displayed to the energy market owner).

Detailed column descriptions are in the Non-Performance Assessment Unit Performance Details description ([link](#))

## Preliminary Non-Performance Assessment Resource Outage Details

This report contains relevant eDART outage data during each Performance Assessment Interval. The preliminary report reflects outages reported as of Wednesday, 2/8/2023 at 15:00 EPT.

Detailed column descriptions are in the Non-Performance Assessment Resource Outage Details description ([link](#))

## Preliminary Non-Performance Assessment Resource Charge Details

This report contains the relevant details supporting the Non-Performance Assessment, including Expected Performance, Actual Performance, Excusals and the resulting shortfall MW or bonus MW for each capacity resource during each Performance Assessment Interval. It pulls the details from the Unit Performance Details and Resource Outage details. For resources with a shortfall MW, the resulting Initial Non-Performance Charge is also provided in this report by resource and interval.

The preliminary report reflects resource CP Committed MW values inclusive of approved retroactive replacement transactions as of Wednesday, 2/8/2023 at 15:00 EPT.

Detailed column descriptions are in the Non-Performance Assessment Resource Charge Details description ([link](#))

## Preliminary Non-Performance Assessment Billing Month Summary

The data on this report assumes that all non-performance charges and credits will be billed over a three (3) month period in the March, April and May 2023 billing statements. The data in the Non-Performance Monthly Charge column and the Bonus Performance Monthly Credit columns represents one-third (1/3) of the total charge or credit.

The Preliminary Non-Performance Assessment Billing Summary does not display data in the Total PJM Non-Performance Monthly Charge (\$) or Total Available Bonus Performance Credits (\$) fields. These numbers are subject to significant change and thus only account-specific data is being published at this time.

The Bonus Performance Credits on an individual resource basis are not provided on this report. In order to estimate the Bonus Performance Credits by resource, calculate the bonus rate for each interval using the data on this report and multiply it by the resource Bonus MW reported on the Resource Charge Details report. To calculate the bonus rate for each interval using this report, divide Total Available Bonus Performance Credits (\$) (Column ID: 2667.14) by Total Bonus Performance MW (Column ID: 2667.11).

Detailed column descriptions are in the Non-Performance Assessment Billing Month Summary description ([link](#))

## Additional Resources

PAI Settlement Summary ([link](#)) – This document provides additional information regarding the calculation of Non-Performance Assessments.

MSRS Report Documentation PJM.com page ([link](#)) – This page provides detailed information for each of the Preliminary Non-Performance Assessment Reports (located under RPM category), including column descriptions and relevant formulas.

Winter Storm Elliott Frequently Asked Questions ([link](#)) - comprehensive list of questions related to Winter Storm Elliott with a dedicated section to PAI Settlements that provides further information regarding excusals.