



2022 Reserve Requirement Study (RRS) Assumptions

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Planning Committee
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- Study results will re-set IRM and FPR for 2023/24, 2024/25, 2025/26 and establish initial IRM and FPR for 2026/27.
- Update of specific historical period to be used for the winter peak week modeling
- 2022 RRS assumptions are similar to those in the 2021 RRS.

- For each week of the year, except the winter peak week, the PRISM model uses each generating unit's capacity, forced outage rate, and planned maintenance outages to develop a cumulative capacity outage probability table. For the winter peak week, the cumulative capacity outage probability table is created using historical actual RTO-aggregate outage data from time period DY 2007/08 – DY 2021/22
 - (in addition, data from DY 2013/14 will be dropped and replaced with data from DY 2014/15)
 - New methodology to develop winter peak week capacity model to better account for the risk caused by the large volume of concurrent outages observed historically during the winter peak week.

- Generator unit model data will be available for review, per Section 2 of Manual 20 and must be performed by PJM Member representatives that own generation. This effort is targeted for July.
- Load Model Time Period Analysis will be presented to the RAAS and PC in July and will seek approval in August.
- Final Report will be presented to the RAAS and PC in September and will seek approval in October.

- RAAS Review – April 11 – April 22
- PC First Read – May 10
- PC Endorsement – June 7

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