

Agenda Item 4.1: ICS Report to NYSRC Executive Committee (EC)

July 30, 2024, ICS Meeting #292

Prepared for: August 9, 2024, EC Meeting #304

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4.1.1 Topology Update for Dover PAR

NYISO now expects the Dover PAR to be in service in June 2025. There is no update to the UPNY-SENY interface as the previously referenced study included the Dover PAR in service. NYISO will return to ICS with updates to any other impacted interfaces for inclusion in the FBC.

4.1.2 Final SCR Model Values

NYISO presented final max modeled SCR capacities.

Capacity Region	SCR ICAP MW based on July 2024	ACL to CBL Factor	July Max Modeled Capacity (MWs)
A-E	783.4	93.5%	732.0
F	103.5	90.6%	93.7
G-I	90.6	84.1%	76.1
J	478.7	74.3%	355.7
K	30.6	76.1%	23.3

Response rates by hour of SCR activation remain unchanged. There was discussion regarding the response rate assumed beyond the maximum event duration observed historically. MARS assumes zero while an attendee suggested a non-zero value as more appropriate. The impact can be studied in a future white paper.

4.1.3 Final Parametric Results IRM 2025-2026 PBC

NYISO presented the completed PBC parametric analysis. Generator deactivations was upgraded from non-material to material change due to a large impact on the LI LCR.

4.1.4 IRM 2025-2026 Tan45 PBC

NYISO presented Tan 45 results showing a 0.5% increase in IRM and a 3.3% increase in J LCR. The changes are in line with results Gary Jordan presented on NYSRC recommended assumption updates. GE has received and found no issue with the Tan 45 results. Dylan Zhang will present further on these results (see “ICS Review of Final Preliminary Base Case Results” attachment).

Results	2024-2025 IRM Final Base Case (FBC)	2025-2026 IRM PBC	Delta
IRM	23.1	23.6	0.5%
Load Zone J	72.7	76.0	3.3%
Load Zone K	103.2	102.5	-0.7%
G-J Locality	84.6	87.5	2.9%
NYCA EOP (Days/Yr.)	8.1	7.4	-0.7

Rich Bolbrock inquired about the choice of 3 days/year for limiting public appeals and voluntary industrial curtailments. The 3 day/year figure was chosen as a surrogate for declining response rates that do not fit the existing MARS modeling framework. The IRM report will note that in practice additional calls will be made if needed.

4.1.5 IRM 2025-2026 Tan 45 PBC Points/Curves

NYISO presented the Tan 45 points and regressions. The values are consistent with the Policy 5 rounding procedure.

4.1.6 Sensitivities for IRM 2025-2026 PBC – EC Approval Item

ICS approved the sensitivity list without objection and there have been no changes since it was pre-reviewed at the last EC meeting. The winter gas constraints sensitivity description mentions available oil, and for the final report, there was a request to also report the values on a generator unavailability basis to be consistent with the recent RNA.

4.1.7 2023 Summer Maintenance Analysis

John Adams presented a summary of recent maintenance outages on high load days and recommended no change to the current 50 MW summer maintenance assumption (25 MW in J and 25 MW K) in MARS. In practice, NYISO Operations

minimizes or eliminates maintenance outages on peak days, but from a planning perspective assuming 50 MW is appropriate.

4.1.8 Additional Agenda Items – December ICS meeting

There was a suggestion with general audience support to move the December ICS meeting from the Wed (11/27) before Thanksgiving to the Monday (11/25) before Thanksgiving. We will confirm at the next ICS meeting and anticipate making the change.