

June 28th, ICS Meeting #278

Prepared For: July 14th EC Meeting
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4.1.1 Review of Final IRM Preliminary Base Case Assumptions Matrix – for EC Approval

ICS reviewed and approved 2023 IRM Preliminary Base Case Assumptions Matrix that included topology changes and generation additions and removals. It is noted that the final SCR and other EOP assumptions, as well as updated ELR elections will be captured at the Final Base Case Assumptions Matrix and FBC parametric study when they become available later in July and in August.

4.1.2 Topology Update

The NYISO has completed all the topology updates for the 2024-2025 IRM and will include the updates in the parametric study for the Preliminary Base Case. Refer to the attached file for graphical display of the topology changes. This update has been captured in the final IRM PBC Assumptions Matrix

Updated Zone K Topology Limits

- A number of minor updates to the transfer limits between Zone K and the rest of the system are proposed based on the updated topology study conducted by PSEG LI

Internal Interface	2023-2024 IRM Assumptions (MW)	Proposed 2024-2025 IRM Assumptions (MW)	Delta (MW)
Jamaica Ties Import (Zone J to Zone K)	320	305	-15
ConEd-LIPA Import (Zone I and J to Zone K)	1613	1598	-15
ConEd-LIPA Export (Zone K to Zone I and J)	135	170	+35
Y49/Y50 Export (Zone K to Zone I)	420	460	+40
LI West Export (Zone K to Zone I, J and PJM)	49	84	+35

4.1.3 Updated Parametric Results

No significant changes from the previous month.

4.1.4 Sensitivity Case Discussion

The ICS discussed the potential impact from the delay of the AC Tx project and how it may impact the topology assumptions in this year’s IRM study. A

sensitivity case is proposed to be added to this year's sensitivity case list and the NYISO is currently studying the transfer limits that are impacted by this delay.

4.1.5 EOP Review Whitepaper Discussion

At the June ICS meeting, the NYISO concluded that the current emergency assistance (EA) assumptions result in optimistic support from the external areas in the IRM study. This is based on the review of the IRM data, operational experience, future outlooks of the entire Northeast region, and discussion with external areas. A separate presentation is planned for today's EC meeting to provide a summary of the prior analysis.

To consider limitations for the EA assumptions, the NYISO is reviewing the following:

- External area modeling in the IRM study
 - To improve the modeling with more limiting EA assumptions, a number of options are being considered. Implementation of Topology Limits is likely the best option:
 - Easily implemented
 - Seasonal specific
 - Vary by load bins
 - Likely to address overly optimistic EA support concern
 - Limits can be developed based on repeatable analysis to allow for regular updates.
- Historical Data analysis
 - Extra reserves data for each of the external areas is extracted for the period of 2021-2023
 - NYCA load as % to peak load forecast is also extracted for the same period
 - The results from the historical data analysis will be presented at the August 2nd ICS meeting
- Regional Future Considerations:
 - NPCC's most recent winter assessment (2022-2023) shows low margins in New England and Quebec, beyond the 50/50 forecast level

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- The Summer 2023 Reliability Assessment conducted by NPCC and NERC shows low operating margins in Ontario and New England for summer 2023 at all forecast levels
- Potential advancement of EA in the IRM model
 - Not going to be recommended at this time. Additional consideration can resume following revised SCR modeling.

The draft whitepaper report is scheduled for ICS review at the August 30th meeting.