

External ICAP Rights for the 2023/2024 Capability Year (Prior to Deliverability Testing) & ICAP Manual Updates

Gabe Centi ICAP Market Operations

ICAPWG

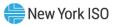
January 26, 2023

Agenda

External ICAP Rights for the 2023/2024 Capability Year (Prior to Deliverability Testing)

Other Proposed Revisions to ICAP Manual

- First Come First Serve Facsimile Request Process
- UDRs for the HTP Scheduled Line
- GADS Cards Column References
- GADS Performance and Event Cards
- GADS Minimum Data Requirements
- Feedback on the External ICAP Rights Tables being relocated to the ICAP Manual Appendix



External ICAP Rights for the 2023/2024 **Capability Year (Prior to Deliverability Testing)**

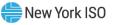


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DRAFT – FOR DISCUSSION PURPOSES ONLY

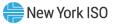
Objective

- To determine the maximum amount of import capacity allowed from neighboring Control Areas (CAs) (Section 4.9.6 of ICAP Manual
- MARS simulations were performed on the LCR MARS database to determine capacity imports allowed without violating the LOLE criterion



Ties Excluded

- Interface facilities having UDRs
- Controllable lines from PJM into NYCA
- The NUSCO 1385 (NNC) line



Methodology

- MARS Database: 2023/2024 final IRM database as updated for the LCR study
- Model Grandfathered Rights imports consistent with the IRM study
- Determine the amount of capacity imports allowed before violating the LOLE criterion



Methodology – continued

- Perform individual runs of each included external tie (beyond the Grandfathered Rights imports) to determine the ratio of the total ICAP imports each external tie will receive
- Perform a simultaneous run to determine the total External ICAP rights
- These ICAP imports, when added to the Grandfathered Rights Imports, determine the total simultaneous import limits before deliverability testing



Deliverability Test

- The final values for import capability reported will be subjected to a deliverability test
- If all the MWs are deemed deliverable, then the final values reported will be the Import Rights per each Control Area
- If the MWs are not all deemed deliverable, the final values for each Control Area will be reduced to the amount deliverable



Results

2023 Import Rights

Four-Control-Area-Participation	PJM	ISO-NE	Quebec	Ontario	Totals
Initial Values (TTC Summer Ratings)	1450	1400	1690	1950	6490
Grandfathered Rights*	1080	0	1110	0	2190
	-				
Individal Limits (above GF)	193	250	39	268	750
Simultaneous Limits (above GF)	58	75	11	80	224
	_				
Final Values **	1138	75	1121	80	2414

*Includes ETCNL for these purposes

**2023/2024 Capability Year Subject to Deliverability Study

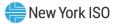


Results – continued

	2023-2024 Capability Year				2022-2023 Capability Year					
Four-Control-Area-Participation	PJM	ISO-NE	Quebec	Ontario	Totals	PJM	ISO-NE	Quebec	Ontario	Totals
Initial Values (TTC Summer Ratings)	1450	1400	1690	1950	6490	1450	1400	1690	1850	6390
Grandfathered Rights*	1080	0	1110	0	2190	1080	0	1110	0	2190
Individual Limits (above GF)	193	250	39	268	750	218	401	17	77	713
Individual Limits (above GF) Delta	-25	-151	-22	191	-129					
Simultaneous Limits (above GF)	58	75	11	80	224	66	122	5	23	216
Simultaneous Limits (above GF)Delta	-8	-47	6	57	8		•			1
Final Values **	1138	75	1121	80	2414	1146	122	1115	23	2406
Final Values** Delta	-8	-47	6	57	8					

*Includes ETCNL for these purposes

******2023/2024 Capability Year Subject to Deliverability Study



Additional ICAP Manual Revisions



Revisions Related To First Come First Serve

- Revisions to the ICAP Manual are necessary to remove the superseded FCFS facsimile process. The current process is already outlined in ICAP Manual Section 4.9.2.5
 - Remove ICAP Manual Section 4.9.2.4
 - Remove "Summer 2019 and Beyond" from ICAP Manual Section 4.9.2.5



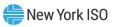
Revisions related to the HTP UDRs

- Revisions to the ICAP Manual are necessary to reflect the current status of the HTP UDRs
 - Section 4.9.6
 - Add footnote 3 "CRIS Rights for the HTP scheduled line expired 4/30/2020"



Revisions Related to NERC GADS Reporting

- Revisions to the ICAP Manual Attachments are necessary to align with the latest NERC GADS Data Reporting Instructions
 - Attachments J
 - Update outdated column number references to align with the current NERC GADS Event and Performance card formats
 - These standards have been in place for several years
 - Attachment K
 - Updated GADS Event and Performance card layouts
 - Added a reporting requirements guide for the minimum data set required by the NYISO for production-based resources.



Feedback on a Potential ICAP Manual Revision



Revision Related to the Location of the External ICAP Rights Tables*

Currently the ICAP Imports Rights Tables exist in the ICAP Manual Section 4.9.6

- Update to the ICAP Manual must be voted on and approved at the Business Issues Committee (BIC).
- To effectuate these changes prior to the First Come First Serve process for upcoming capability season, the February BIC is the latest BIC to vote on Import Rights.

Proposal would be to expand ICAP Manual Attachment E and relocate the tables there

- This proposal removes the requirement of a BIC vote on the Import Rights effective for the upcoming capability year.
- This would allow for more time to accommodate any late IRM/LCR changes and allows for the possibility of the completion of the Deliverability Study prior to the results being presented.
 - Currently, due to the requirement of a BIC vote, the timeline to Import Right changes are to be posted "Under Review" for the required 15 days prior to a BIC presentation for ICAP Manual changes.
 - Moving the tables to Attachment E removes this requirement and allows for the ICAPWG review to occur during a February ICAPWG Meeting.
- NYISO would continue to present the Import Rights results to the ICAPWG and the BIC. The only change is there would be no requirement for a BIC vote on the Import Rights.
- The External ICAP Rights process would remain captured in the ICAP Manual Section 4.9.6. This assures that any proposed changes to the procedure itself would still require a vote.
- Feedback?
- In addition to feedback provided today, please provide any additional comments to Gabe Centi (gcenti@nyiso.com)

* Slide updated after the 1/26/2023 ICAPWG to provide additional context.



Questions?



Our Mission & Vision

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Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation

