

External ICAP Rights for the 2024/2025 Capability Year (Prior to Deliverability Testing) & ICAP Manual Updates

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BIC

February 14, 2024

Reposted February 13, 2024 Corrected Grandfathered Rights Values

Agenda

- External ICAP Rights for the 2024/2025 Capability Year (Prior to Deliverability Testing)
- Proposed Revisions to the ICAP Manual and Attachments to the ICAP Manual



External ICAP Rights for the 2024/2025 Capability Year (Prior to Deliverability **Testing**)



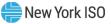
Objective

- 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



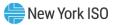
Ties Excluded

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



Methodology

- MARS Database: 2024/2025 final IRM database as updated for the LCR study
- Model Grandfathered Rights imports consistent with the IRM study
 - The 2024 2025 IRM study includes the dynamic Emergency Assistance (EA) model as approved by the NYSRC based on the <u>EOP Whitepaper</u>
 - Under the dynamic model, EA limitations varies at different Load Forecast Uncertainty (LFU) bins
- Determine the amount of capacity imports allowed before violating the LOLE criterion



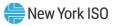
Methodology - continued

- 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
 - The individual runs are executed based on the proportion of the dynamic EA model as consistent with the base case
- Perform a simultaneous run to determine the total External ICAP rights
 - Similarly, the simultaneous run is executed based on the proportion of the dynamic EA model as consistent with the base case
- These ICAP imports, when added to the Grandfathered Rights Imports¹, 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



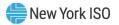
Results

2024 Import Rights

Four-Control-Area-Participation	PJM	ISO-NE	Quebec	Ontario	Totals	
Initial Values (TTC Summer Ratings)	1450	1400	1770	1950	6570	
Grandfathered Rights*	1080	0	1110	0	2190	
Individal Limits (above GF)	285	200	36	110	631	
Simultaneous Limits (above GF)	97	68	12	37	214	
Final Values **	1177	68	1122	37	2404	

*Includes ETCNL for these purposes

**2024/2025 Capability Year Subject to Deliverability Study



Results - continued

	2024-2025 Capability Year				2023-2024 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	1770	1950	6570	1450	1400	1690	1950	6490
Grandfathered Rights*	1080	0	1110	0	2190	1080	0	1110	0	2190
Individual Limits (above GF)	285	200	36	110	631	193	250	39	268	750
Individual Limits (above GF) Delta	92	-50	-3	-158	-119					
Simultaneous Limits (above GF)	97	68	12	37	214	58	75	11	80	224
Simultaneous Limits (above GF)Delta	39	-7	1	-43	-10					
Final Values **	1177	68	1122	37	2404	1138	75	1121	80	2414
Final Values** Delta	39	-7	1	-43	-10					

*Includes ETCNL for these purposes

**2024/2025 Capability Year Subject to Deliverability Study



ICAP Manual and ICAP Manual Attachment Revisions

- Revisions to the ICAP manual reflecting relocation of the External ICAP Rights Table to ICAP Manual Attachment B
- ICAP Manual Attachment B expanded to accommodate the External ICAP Rights Table



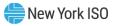
Additional ICAP Manual Revisions

• Section 4.1.1

- Updated web page location (<u>Capability Accreditation</u> web page)
- Updated email related to an election by August 1 (participation@nyiso.com)

Section 4.2.2.2

- Updated email related to an election by August 1 (participation@nyiso.com)
- Sections 4.15, 7.1, 7.1.1, 7.2, 7.3.1, 7.3.3
 - Updated web page location (Capability Accreditation web page)



Additional ICAP Manual Attachment Revisions

Attachment F

Updated NYISO contact information

Attachment J

- Updated web page location (<u>Capability Accreditation</u> web page)
- Average Capacity Factor equations (will be addressed by March 1) and defined variables added

Attachment K

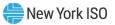
- Updated references to NERC website and NYISO GADS Portal
- Added clarification for Resources that have an NMC of 100kW or less
- Updated images supporting required fields

Attachment M

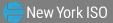
Updated email related to an election by August 1 (participation@nyiso.com)

Attachment N: New Attachment added

• Approved by December 14, 2022 BIC



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

