

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

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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 [EOP Whitepaper](#)
 - 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**

¹ See May 8, 2023 [ETCNL Rights presentation](#)

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	1190	0	2270
Individual Limits (above GF)	285	200	36	110	631
Simultaneous Limits (above GF)	97	68	12	37	214
Final Values **	1177	68	1202	37	2484

*Includes ETCNL for these purposes

**2024/2025 Capability Year Subject to Deliverability Study

Results - continued

Four-Control-Area-Participation	2024-2025 Capability Year					2023-2024 Capability Year				
	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	1190	0	2270	1080	0	1110	0	2190
Individual Limits (above GF)	285	200	36	110	631	193	250	39	268	750
<i>Individual Limits (above GF) Delta</i>	92	-50	-3	-158	-119					
Simultaneous Limits (above GF)	97	68	12	37	214	58	75	11	80	224
<i>Simultaneous Limits (above GF)Delta</i>	39	-7	1	-43	-10					
Final Values **	1177	68	1202	37	2484	1138	75	1121	80	2414
<i>Final Values** Delta</i>	39	-7	81	-43	70					

*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
- ICAP Manual Attachment B will be updated to include the final Import Rights Study Results once those values have been determined

Additional ICAP Manual Revisions

■ Section 4.1.1

- Updated web page location ([Capability Accreditation](#) 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 ([Capability Accreditation](#) web page)
 - Corrected Average Capacity Factor equations and defined variables used
- **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



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