

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

Gabe Centi ICAP Market Operations

#### **ICAPWG**

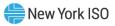
January 26, 2023

### 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)**



© COPYRIGHT NYISO 2022. ALL RIGHTS RESERVED.

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

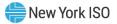


#### **Results – continued**

	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

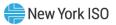


# Additional ICAP Manual Revisions



### **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



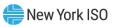
#### **Revisions related to the HTP UDRs**

- 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**

 $\checkmark$ 

#### **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

