

# IRM Final Base Case

## *- Updated Tan45 Results*

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**ICS Meeting # 270**

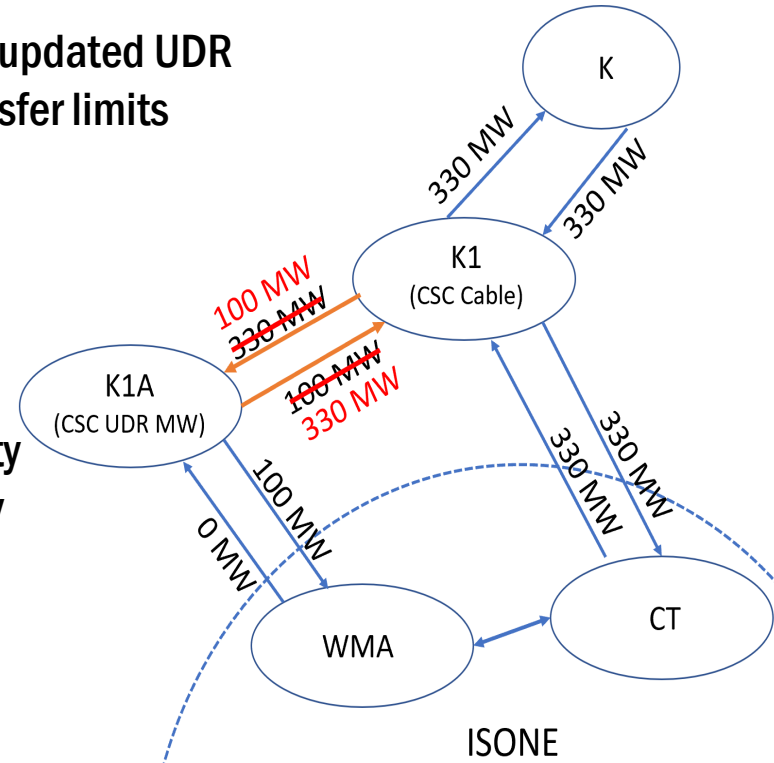
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# Background

- **As part of the regular IRM process, the Final Base Case (“FBC”) data is reviewed and QAed by the TOs**
  - The initial Tan45 results for the 2023-2024 IRM FBC was posted to the November 9 meeting. As per the process, TOs subsequently performed review of the database
- **During the TO database review on the 2023-2024 IRM FBC, an error in the UDR modeling has been identified**
- **Therefore, the NYISO re-ran the FBC Tan45, with the error corrected in the underlying database**
- **The updated Tan45 results for the 2023-2024 IRM FBC have been posted for the ICS review and approval at the 12/1 meeting**

# Effect of the Correction – Reliability

- The error occurred during the NYISO implementing the updated UDR election for the Cross Sound Cable (“CSC”), in the transfer limits that facilitate the flow of the UDR MW
  - Due to the error in the transfer limits between the dummy bubbles K1A and K1, the UDR MW was bottled at 100 MW, limiting its availability to provide reliability benefits
- Correcting the error practically increases the availability of the UDR MW, improving the overall system reliability and hence reducing ICAP requirements in meeting 0.1 LOLE



# Effect of the Correction – K LCR

- **The K LCR has been calculated with the consideration of the change in CSC UDR election**
  - As demonstrated in the FBC parametric results, updating the UDR election increased the K LCR by roughly 6%
  - This is due to counting the addition of the CSC UDR as ICAP supply in Zone K
- **Correcting the transfer limits between the dummy bubbles K1A and K1 does not add or subtract capacity in Zone K. Therefore, the underlying margin calculation is largely not impacted**
- **However, the K LCR, along with the IRM and J LCR, is still reduced, reflecting the improvement in the availability of the CSC UDR and the reliability across the system**
  - The reduction in the LCRs is not significant due to the size of the CSC UDR that is impacted by this database correction

# The Updated IRM FBC Tan45 Results

With the data base correction, the FBC IRM is reduced by 0.3%, Zone J LCR is reduced by 0.2% and Zone K LCR is reduced by 0.6%

2023-2024 IRM FBC Tan45 Results	IRM	J LCR	K LCR
Initial results posted on 11/9 meeting	20.2%	78.4%	108.0%
Updated results with database correction	19.9%	78.2%	107.4%
<i>Delta</i>	-0.3%	-0.2%	-0.6%

# 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