

IRM Final Base Case

- Updated Tan45 Results

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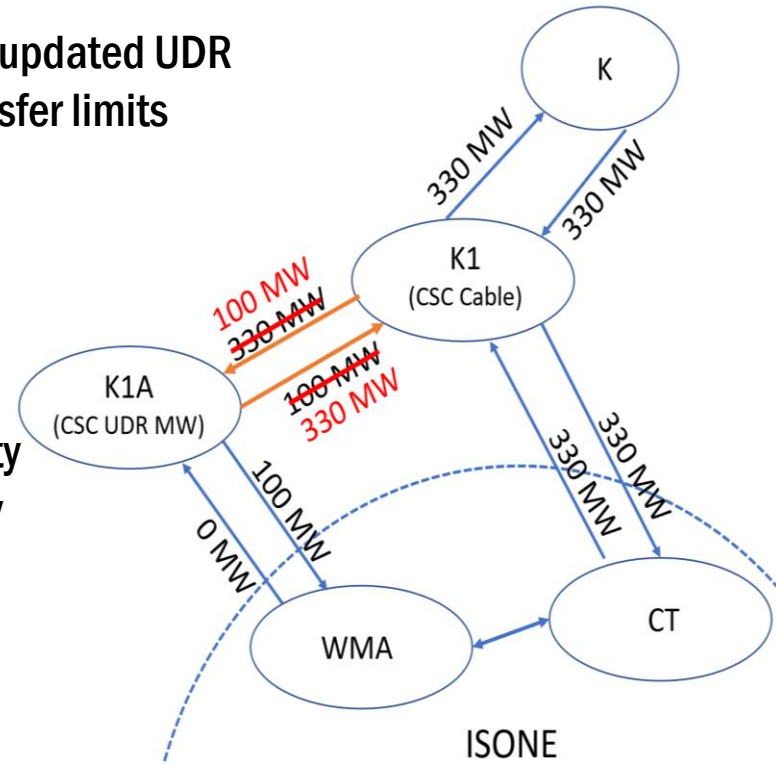
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Background

- **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