



Operating Reserves Allocation - *IRM24 FBC*

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ICS Meeting #281

October 4, 2023

Agenda

- Background
- Recommendation
- Next Steps

Background

- **The IRM Study models 30-minute and 10-minute Operating Reserves as part of the Emergency Operating Procedures**
- **Due to the AC Transmission Project, the 10-minute and 30-minute Operating Reserves will be shifting as illustrated by the updated zonal allocation on slide 4**
 - The updated allocation aligns with Planning assumptions for Operating Reserves in the most recent RNA/STAR studies
 - Note: The Dover PAR delay is not anticipated to have an impact on the updated allocation
- **The ICS approved maintaining 400 MW of 10-minute Operating Reserves during Load Shedding for the IRM24 Study**
 - Zonal weighting is used to allocate where the 400 MW of Operating Reserves are withheld
 - ICS Meeting #276 (May 3, 2023):
https://www.nysrc.org/wp-content/uploads/2023/05/6.1_WithholdingOperatingReserveAssumptionReview_2023.05.0315631.pdf

Recommendation

Current Zonal Allocation			
Zone	30-minute OR	10-minute OR	10-minute OR (400 MW Withheld)
F	117.5	635.5	360.0
G	117.5	314.0	218.0
J	-	358.0	249.0
K	420.0	120.0	83.0
TOTAL	655.0	1,310.0	910.0

AC Transmission In-Service Zonal Allocation			
Zone	30-minute OR	10-minute OR	10-minute OR (400 MW Withheld)
F	-	190.0	132.0
G	-	500.0	347.3
J	235.0	500.0	347.3
K	420.0	120.0	83.4
TOTAL	655.0	1,310.0	910.0

- The NYISO recommends updating the Operating Reserves allocation to the AC Transmission In-Service Zonal Allocation illustrated above for the IRM24 FBC
- The NYISO has run a parametric case, and the updated allocation does not have a large impact on the IRM

Updated Allocation Impact to IRM and LCRs			
IRM (%)	Zone J (%)	Zone K (%)	Zones G - J (%)
+0.03	+0.02	+0.03	+0.02

Next Steps

- If the recommendation is approved by the ICS, use the updated zonal allocation of Operating Reserves below for the IRM24 study

AC Transmission In-Service Zonal Allocation			
Zone	30-minute OR	10-minute OR	10-minute OR (400 MW Withheld)
F	-	190.0	132.0
G	-	500.0	347.3
J	235.0	500.0	347.3
K	420.0	120.0	83.4
TOTAL	655.0	1,310.0	910.0

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

Questions?