

August 1, 2018 NYSRC ICS Meeting Report

Prepared for the August 10, 2018 NYSRC EC meeting

2019 - 2020 IRM Study Tasks:

Parametric Study

The NYISO was able to provide some preliminary results to the ICS. The ICS has scheduled a conference call on August 21st to discuss the remaining parametric results as well as the preliminary base case. One item that was presented to the ICS was whether to use NYCA or NYBA(NY Balancing Authority) index as the LOLE criteria. The NYISO has indicated that over the last few years there have been instances in which the dummy zones that had practically zero load was experiencing LOLE events. GE has indicated that when the number of iterations are doubled that NYCA LOLE converges to NYBA LOLE using the standard amount of iterations. Members of the ICS noted concerns with what other users of MARS will use for other internal NYISO studies and what NPCC would use. Both GE and the NYISO have recommended that NYBA be used as it is more appropriate. The ICS members agreed that NYBA be used in the IRM study and will include a discussion in the IRM report. Another item to note is that current version of MARS that is being used for this IRM study includes the long term fix for the generator seeding issue that was discovered as part of the parametric study last year. The EC is scheduled to review the preliminary base case IRM and the parametric results at the September 14th meeting.

Sensitivity Case List

The ICS approved the following sensitivities and are being presented to the EC for their approval. The ICS and NYISO recommend that the Tan 45 be performed on Case 8.

2019 IRM Study – Proposed Sensitivity Cases V0

| Case | Description | Reason |
|------|---|---|
| 0 | 2019 IRM Preliminary Base Case | Starting point for sensitivities |
| 1 | NYCA isolated | Track Total NYCA Emergency Assistance (EA) |
| 2 | No internal NYCA transmission constraints | Track level of NYCA congestion w/r/t IRM model |
| 3 | No load forecast uncertainty | Track effect of this key driver |
| 4 | No wind capacity | Shows wind impact and can be used to understand EFORD sensitivity |
| 5 | No SCRs | Shows impact of these paid to participate providers |
| 6 | Remove 3,500 MW base case limit on the amount of EA entering NY | Shows effect of the Emergency Assistance limit |
| 7 | Limit Emergency Assistance into NY from PJM to 1500 MW | Show effect of a limit placed on EA from PJM |
| 8 | Remove B and C lines from service | Return date unknown. Asked to perform a tan 45 on this case |
| 9 | Remove Public Appeals from model | LIPA 80 MW of appeals have not been demonstrated in some time |
| 10 | Remove Line 33 due to PAR failure | Being studied. There is a possible drop of 150 MW in tie capability from Ontario to Zone A. |
| 11 | Combine Cedars and Quebec areas | This would accommodate the upcoming completion of the CRT improvements. Note that upgrade will not be completed in time for the 2019 capability year. |