

ICS Report to Executive Committee

November 17th & December 3rd, 2021 ICS Meetings #254 & #255

Prepared for: December 10th, 2021 EC Meeting

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4.1.1 Final Draft V3 Updated for Special Sensitivity Technical Report - Attachment #4.1.1- For EC Review / Comment / Approval

At the November 17th ICS meeting #253, the ICS reviewed and commented on the Second Draft of the IRM Technical Report for 2022 along with the Appendices document.

Subsequent to this meeting, the NYISO posted a notice of material change to the IRM calculation stemming from new information regarding the return-to-service date for equipment affecting the Neptune Cable UDR. The reduced transfer capability and timeframe is due to the Newbridge 345:138kV Bank 1 replacement.

Previously, in the Preliminary Base Case a parametric sensitivity was performed for a partial outage of the Neptune cable, lowering transfers from 660 MW to 375 MW. This cable was initially scheduled to return to full capability on April 8th of 2022. On November 16, 2021 the outage was extended to July 15, 2022 and on November 30, 2021 it was extended to August 1, 2022. The IRM Preliminary and Final Base Cases originally assumed that the cable would be available and in-service.

As a result, a “Special Sensitivity Case,” which applied a Tan-45 analysis, was run with this assumption change. The derate of the import limit on the Neptune cable was applied to the entire summer as a conservative measure. In case the outage were to be extended further. The results of the Special Sensitivity case increase the base case IRM by 0.5%, to 19.6%, are depicted in Figure 7-1 of the IRM Technical Report. The Zone J LCR was also increased by +0.3% to 80.7% and the Zone K LCR increased 4.7% to 99.8%.

Given the changed assumption for the Neptune Cable, the ICS recommends that the EC adopt the Special Sensitivity “Partial outage of Neptune UDR Tan 45” as the new Final Base Case for the 2022 IRM Study.

4.1.2 First Draft 2021 IRM Report Appendices – Attachment #4.1.2 – for EC Review / Comment / Approval

The ICS incorporated comments and revisions received prior to ICS Meeting #255. Additional revisions related to the Special Sensitivity Case were incorporated after the ICS Meeting and are contained in the attached Final Draft IRM Report Appendices.