

Implementation Plan for Revised NPCC Directory 1

RCC Approved – September 10th, 2015

The revised NPCC Regional Reliability Reference Directory # 1 Design and Operation of the Bulk Power System, specifies in the performance requirements for Table 1 and Table 3, that for contingencies that involve fault clearing, stability shall be maintained when the simulation is based on fault clearing initiated by the “system A” protection group and also shall be maintained when the simulation is based on fault clearing initiated by the “system B” protection group.

New England has historically performed stability simulations assuming that either system protection group A or B clears the fault. As a result of this revision of the Directory and further specificity regarding performance expectations, a significant number of protection system upgrades are required to meet the clarified requirements of Directory # 1. To allow opportunity for New England to install dual high speed protection systems on all BPS elements, for contingency event #4 in Tables 1 and 3, the faster of either the “system A” protection group or the “system B” protection group may be assumed to operate correctly.

To the extent practicable, New England will develop an implementation schedule that prioritizes facilities associated with critical interface transfer paths. New England will develop and share with NPCC an implementation plan to complete the installations by September 10th, 2025.

New England will provide annual updates on the execution of the implementation plan to the NPCC Task Force on Coordination of Planning (TFCP) to demonstrate that progress is being made to meet the September 10th, 2025 completion date.