Defensive Strategies Report For EC Meeting 5/13/16

Progress

Work continues evaluating instability detection algorithms. At present two candidates are under evaluation. Besides evaluating performance using stability data from PSS/E cases, a method involving testing responses to various types of "step inputs" to evaluate response and fine tune the candidate algorithms.

To date, the most of the testing has been done using the most severe extreme contingencies. Additional test cases are now being set up in PSS/E to facilitate further testing of other events both internal and external to the NY system. In addition work on various mitigation methods is underway.

Revised Schedule – Estimated Completion Dates

Task 3.1- Instability Detection - 5/15/16

Task 3.2-Mitigation Measures - 6/30/16

Task 4 – Validation testing - 6/30/16

Task 5 – Technology Transfer – 9/15/16

Task 6 – Final report Draft Complete – 7/15/16

       Final report Comments Due – 8/15/16

       Final report Delivered – 09/15/16