M03A Model Update & Quality Assurance Updates

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M03A Updates

• General changes: M03a Revision 07
  – Changed
    • Engineering Support to Model Management, John Baranowski, mgr
    • Responsibility for ratings to Real Time Data Management, Chris Smart, mgr
    • References from DMWG to DMS
  – Numerous edits throughout the entire document for clarity
M03A Updates

- Section 1.2, specifies auxiliary loads, generator step-ups & telemetry model requirements to support BES
- Inserted new section 1.7 discussing TSA and data requirements, noting that updates must come from both transmission & generation owners
- Section 2.2 & 3.1 added references to transient stability data requirements including contingency definitions and clearing times in sections involving data requirements
- Section 3.3 defines emergency ratings as capability up to 4 hours and load dump ratings as capability up to 15 minutes
- Section 3.3 eliminated statement that 3% separation is required between emergency & load dump
- Added new Exhibit 5 illustrating the level of model detail in the overall PJM EMS model
- Added Solar Park to generator naming conventions in Section 3.5
M03A Updates

- Provided reference locations for LMP and FTR load flow data in section 4.2 Bus Connectivity and Engineering Data
- Inserted new section 4.4 explaining Tie-line cut-in process requirements
- Section 4.5 (was 4.4) revised to describe Cut-in flags & reports
- Section 5.1 removed references to theory and reality
- Section 5.1.2 clarified to state that PJM’s SE solution & dumps are provided to TOs upon request
- In Appendix A, TERM Processing Data Ratings Check List removed references to forced differentials between Normal, Emergency and Load Dump ratings (see Section 3.3 changes)
Questions?