Manual M-37 Changes

Phil D'Antonio
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• Updated references for EES to the new ExSchedules application.
• Removed diversified load reference for the OATF studies in Section 3.1. Also updated contingencies modelled in seasonal OATF studies.
• Removed Kammer 765/500Kv transformer and Belmont 765/500Kv transformer IROLs from the IROL table in Section 3.1.
• Updated SOL definition in Section 3.1 to align with the NERC Standard.
• Updated SOL violation to align with the NERC Standard.
• Changed Attachment D reference to Attachment C at the end of Section 3.2 on page 12.
• Other minor grammar changes.
• All BES facilities and “Reliability and Markets” sub-BES facilities as listed on the PJM Transmission Facilities pages are considered System Operating Limits (SOL). PJM has developed a SOL Methodology for use in the Operating Horizon to ensure reliable BES performance. SOLs, including the subset of SOLs defined as IROLs, are controlled to the most conservative of Facility Ratings, Transient Stability Ratings, Voltage Stability Ratings, and System Voltage Limits in the Operating Horizon. For IROL, PJM will control per the table above within this section. For each SOL category, PJM will control on a pre-contingency and post-contingency basis (consistent with FAC-001-2, R 2.2 and 2.2) as detailed in Operating Guidelines provided in PJM Manual M-03 consistent with established SOL methodology:
• Facility Thermal Ratings: Section 2.
• Transient Stability Ratings and Voltage Stability Ratings: Section 5.
• System Voltage Limits: Section 3.2.
• Report SOL Limit violations that exceed the following criteria:

- Facility Ratings: flow exceeds the time limit associated with the rating (i.e. normal limit = 24 hours, LTE limit = 4 hours).
- Transient Stability Ratings and Voltage Stability Ratings: Stability limitations are controlled within 30 minutes based on limits provided in Section 5 of Manual M-03 or the most current real-time analysis.
- System Voltage Limits: a valid non-radial, non-converged system contingency (unsolved) observed in real-time Security Analysis for 30 minutes or greater.
Questions?