Manual 03A, Rev. 20
Energy Management System (EMS) Model Updates and Quality Assurance (QA)

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First Read Summary

• Periodic Review
• Compliance Reliance ACA Update
  – Updated Section 2.2 to clarify instructions for a Transmission Owner to add, remove, and/or convert a flow device and submit the associated ratings.

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Section 2.2: Model Information and Data Requirements

2.2 Model Information and Data Requirements

Flow Circuit Breakers (Flow CB) Devices

A flow breaker device in the PJM EMS model is a representation of a flow disrupting element (i.e., circuit breaker, disconnect, air break, or similar elements) that has been set up to calculate a SEState Estimator flow across it and a thermal ratings are also applied to that flow devicebreaker, similar to a line or transformer. The Flow deviceCB must be able to calculate net if gross output is available, or calculate gross output if net is available.

To change an existing PJM-modeled element circuit breaker to aa Flow deviceCB, TOs must submit a Network Model ticket via https://esuite.pjm.com/mui/ as part of the Model Build process. The ticket must clearly state if an element CB is being changed to a Flow deviceCB, or if it is a brand new Flow deviceCB. TOs must then provide the Flow CB equipment ratings via the shall be provided in TERM application through a similar process to line and transformer ratings updates.
Manual 03A, Rev 20 Review / Approval Timeline

- **Jul. 12**: SOS First Read
- **Jul. 15**: OC First Read
- **Jul. 16**: TTMS Info Only
- **Jul. 16**: RSCS Info Only
- **Aug. 9**: SOS Endorsement
- **Aug. 12**: OC Endorsement
- **Aug. 16**: DMS Info Only
- **Aug. 25**: MRC Endorsement
- **Aug. 25**: Effective Date
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