

Manual 03A, Rev. 20

Energy Management System (EMS) Model Updates and Quality Assurance (QA)

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Markets & Reliability Committee
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- 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

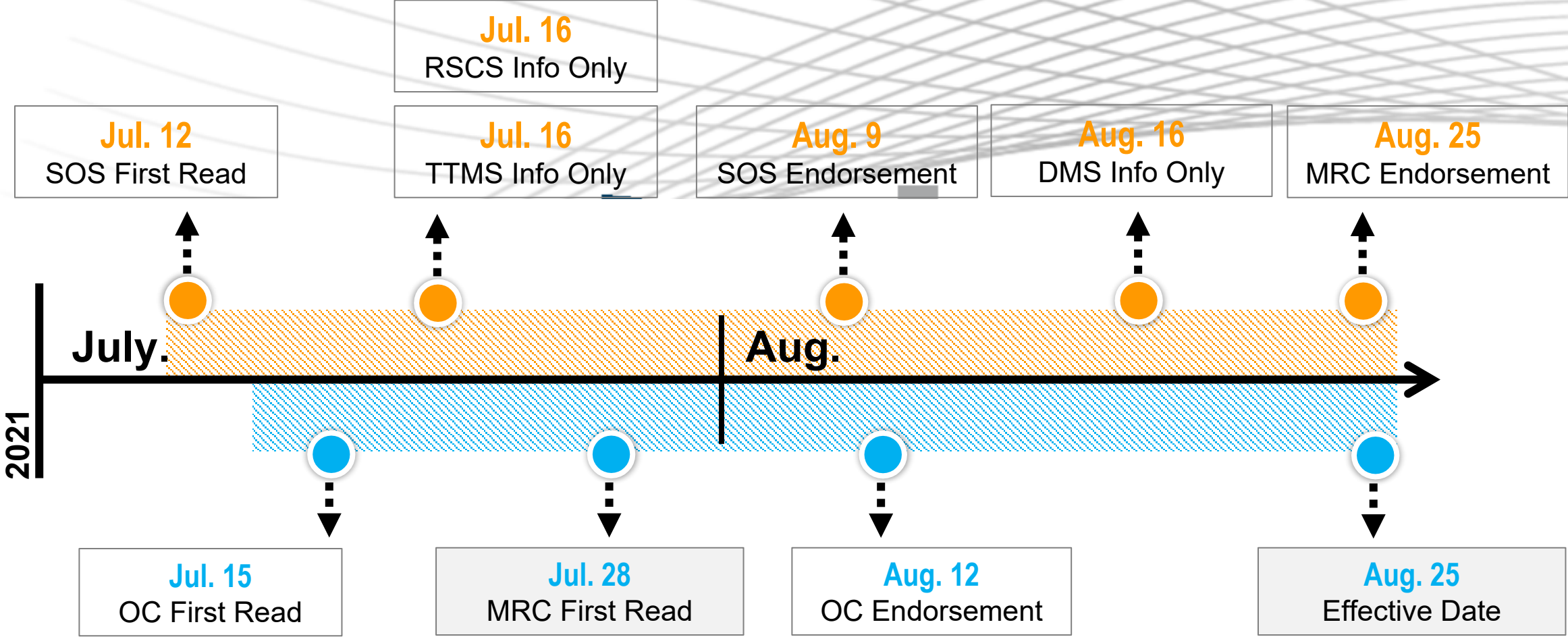
2.2 Model Information and Data Requirements

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 ~~SE State Estimator~~ flow across it and ~~a~~ thermal ratings ~~are~~ also applied to that ~~flow device~~ ~~breaker~~, similar to a line or transformer. The ~~fFlow device~~ ~~CB~~ 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~~ ~~fFlow device~~ ~~CB~~, 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 ~~fFlow device~~ ~~CB~~, or if it is a brand new ~~flow device~~ ~~CB~~. 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



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