



Effective Date	06/25/2015
Impacted Manual #(s)/Manual Title(s):	
PJM Manual 3A: Energy Management System (EMS) Model Updates and Quality Assurance (QA)	
Conforming Order(s):	
N/A	
Associated Issue Tracking Title:	N/A
Committee Approval Path - What committee(s) have already seen these changes?	
DMS – 4/8, 5/7 SOS – 4/29, 5/27 OC – 5/5, 6/9	
MRC 1 st read date:	5/28
MRC voting date:	6/25
Impacted Manual sections:	
Sections 1.4, 1.6, 3.2, 3.5, 4.3, 4.9, 5.2, 6 Appendices A, C, D	
Reason for change:	
The purpose of changing Manual 3A (Revision 10) is to continue the efforts to streamline and update sections and subject matter as it pertains to model updates. Biggest changes were new section added (4.9) on sub-transmission model submission requirements. Redo of TERM appendix (A) to more clearly outline business rules and tool interaction.	
Summary of the changes:	
<ul style="list-style-type: none"> • <u>Section 1.4: Updated to point to Manuals 3 and 37 as source for operating guidelines and system limitation processes and procedures.</u> • <u>Section 1.6: Real-Time Telemetry Data Requirements for System Reliability – change 34kV references to 69kV. Under Status Data requirement, third bulleted item deleted (incorrect).</u> • Section 3.2: Identified energization date as basis for submission dates for phased project updates. Also cleaned up and simplified language around model types. 	

- Section 3.5: Naming Conventions: added SC: Synchronous Condenser to list of units.
- Section 4.3: Updated Exhibit 7
- Section 4.9: New Sub-Transmission Modeling section added
- Section 4.9.3: New Exhibits 11 and 12 and Examples section added to support Sub-Transmission Modeling.
- Section 5.2: Combined sub-sections 5.2.1 and 5.2.2; renamed section 5.2
- Section 6: Section removed since no member-related business processes tied to this section.
- Appendix A: TERM section revised/updated.
- Appendix A: New Exhibit A1 added (TERM Ticket Submission Process)
- Appendix A: New Exhibit A2 added (Examples of TERM ticket submissions (Permanent and Temporary) and resulting status changes)
- Appendix A: New Exhibit A3 added (Sample TERM Bulk Upload file)
- Appendix C: Exhibit C1 table updated with clearer version of the same table of types of monitored equipment
- Appendix D: Two acronyms added to table (IROL, SOL)