

Manual 3A, Revision 18

2nd Read

2019 Cover-to-cover Periodic Review

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| Topic | Section Moved From | Section Moved To |
|---|--------------------|-----------------------|
| Timelines for Telemetry, ICCP data dump, & SCADA file submissions | 3.2 | 1.6 |
| BES Facility Modeling | 4.9 | 2.2.1 |
| Sub-transmission Modeling | 4.9 | 2.2.1 |
| Sub-transmission Modeling Criterion & Responsibilities | 4.9 | 2.2.2 |
| External Modeling | 4.9 | 2.2.3 |
| Pseudo-Tie Eligibility and Pseudo-Tie Modeling | 4.9 | 2.2.3 |
| Naming & Modeling Standards | 3.5 | 2.2.4 |
| Prepare Initial BES Data to Denote BES Elements of the System | 4.9 | 2.3.1 |
| TO Staff Responsibilities – To Address BES Definitions | 4.9 | 3.2.1 |
| PJM Staff Responsibilities – To Address Revised BES Definitions | 4.9 | 3.2.1 |
| PJM Staff Responsibilities – Ongoing Sub-transmission Modeling Considerations | 4.9 | 3.2.1 |
| PJM’s SA Program & RTCA Data Quality | 5.5 | 5.3 |
| Examples of EMS Sub-transmission Modeling | 4.9 | Appendix G <i>New</i> |

- **Updates / Revisions:**
 - Exhibits: 1, 6, 10 updated
 - Section 1.6: Note (telemetry, data dump submission guidelines)
 - Section 2: Modeling Philosophy
 - Section 3.4: Revised procedures when changing transformers & shunts
 - Section 4.8: DMS updated
 - Section 4.9: Removed (content realigned)
 - Section 5: Content rearranged; 5.5 removed
 - Appendix G: New - Examples of EMS Sub-transmission Modeling

