**Effective Date** | 06/01/2019  
**Impacted Manual #s/Manual Title(s):** Manual 01, Control Center and Data Exchange Requirements  
**Conforming Order(s):** N/A  
**Associated Issue Tracking Title:** N/A  
**Committee Approval Path - What committee(s) have already seen these changes?**  
**First Read**  
- 4/4 – SOS  
- 4/9 – OC  
- 4/12 – RSCS (informational)  
- 4/12 – TTMS (informational)  
**Second Read/Endorsement**  
- 5/2 – SOS  
- 5/7 - DMS (informational)  
- 5/14 – OC  
**MRC 1st read date:** 4/25/2018  
**MRC voting date:** 5/30/2018  
**Impacted Manual sections:**  
| Section 1: PJM Systems | Attachment B: Schedule of Data Submittals  
| Section 2.3.1: Transmission Monitoring Capability | Attachment E: Reliability Guidelines to Mitigate the Unplanned Loss of EMS Real Time Assessment Capabilities  
| Section 3.2.4: Data Exchange during EMS Datalink Outages | Section 2.3.1: Transmission Monitoring Capability  
| Section 3.3.2: Synchrophasor Data Exchange | Section 2.7: PJM Member Back Up Capability Required to Support PJM in its TOP Role  
| Section 3.8: Planning, Coordination and Notification of System Changes and Events | Attachment A: Data Specification and Collection  
| Attachment A: Data Specification and Collection | Attachment A: Removed references to non-existing documents  
| Attachment B: In accordance with TOP-001-4 R21, added a data submission requirement for attestations that show that PJM Member TO has tested the redundancy functionality of its primary control center.  
| Attachment B: References to EOP-005 and EOP-008 NERC Standards are updated with the new version of these standards.  
| Attachment E: New Attachment describing reliability guidelines to mitigate the unplanned loss of EMS Real Time Assessment capabilities. These guidelines were developed by the members of System Operating Subcommittee – Transmission (SOS-T).  
| Section 2.3.1 and Section 2.7: Added references to the new Attachment as a guide for Transmission Owners to minimize impacts and duration of the unplanned loss of Real Time Assessment capabilities.  
**Reason for change:**  
- Cover to Cover Periodic Review  
- New requirements and guidelines  
**Summary of the changes:**