



# Problem/Opportunity Statement

## PJM EMS UPGRADE MANUAL DOCUMENTATION

### PROBLEM / OPPORTUNITY STATEMENT

PJM is replacing its Supervisory Control and Data Acquisition (SCADA) and Automatic Generation Control (AGC) components of its Energy Management System (EMS). The target cutover is scheduled for early May 2023. While several PJM Manuals include EMS references, the references are at a high level and do not include vendor specific information and/or displays. However, there are a few PJM Manuals that include EMS vendor specific information and those Manuals will need to be updated to align with the cutover date and meet NERC Certification documentation obligations. A NERC Certification is required when a Reliability Coordinator (RC); Balancing Authority (BA); or Transmission Operator (TOP) make modifications of its EMS. PJM is a NERC registered RC, BA, and TOP.

Three PJM Manuals have been identified as having specific references requiring revisions:

- Manual-01 Control Center and Data Exchange Requirements
- Manual-13 Emergency Operations
- Manual-36 System Restoration