

CIP-014-2 Standard and PJM Process for Compliance

CIP-014-2 Standard



- CIP-014 is used to identify and protect Transmission stations and Transmission substations, and their associated primary control centers, that if rendered inoperable or damaged as a result of a physical attack could result in instability, uncontrolled separation, or cascading within an Interconnection.
- Each Transmission Owner shall perform an initial risk assessment and subsequent risk assessments of its Transmission stations and Transmission substations (existing and planned to be in service within 24 months)



PJM Roles in CIP-014-2

- CIP-014-2 Applicability 4.1.1.3 Input to Requirement R1
 - PJM will issue the member Transmission Owner a formal letter containing the specific facilities identified by PJM under 4.1.1.3 that are critical to the derivation of Interconnection Reliability Operating Limits (IROL) and their associated contingencies. This letter will be issued by the Compliance Division and will be issued every 15 calendar months to support compliance with CIP-014-2.
- CIP-014-2 Requirement R2 Third Party Validation
 - The selection of the entity performing the Third Party Validation is at the discretion of the Transmission Owner, and thus, subject to change.
 - PJM will support requests to perform the third party validation as required by CIP-014-2 Requirement R2.
 - PJM will cycle the risk assessment process every 30 months, to ensure compliance with the timing requirements in CIP-014-2 Requirement R1



PJM Process for Compliance R2

- 1. Upon completion of the Transmission Owner's CIP-014-2 R1 analysis, the first step in PJM's process is to complete the PJM CIP-014-2 R1 Verification form including the list of all Transmission Owner's identified substations under the R1 analysis.
- 2. PJM then has 90 calendar days to complete its review of the analysis performed in identifying the CIP-014-2 R1 facilities, and will notify the Transmission Owner of the findings of this verification.
- 3. If the Transmission Owner does not agree with the findings of PJM's verification, they have 60 days from the time PJM delivers the completed review form, to work with PJM in resolving any differences and finalize the R1 facilities list. This is the final step in the process and will result in completed PJM CIP-014-2 R1 verification form.



TO Submission List for CIP-014 Verification

- CIP-014-2 R1 PJM Verification Form
 - Administrative details such as Name of Entity and NERC ID
 - A Table for facilities identified as R1 facilities, including the technical basis by which the facility was identified
- All input files needed to replicate analysis (Case in PSS/E V33 format or RAW, Contingencies, Monitor File, Sub file)
- Analytical Methodology used (if different than TODO PSWG) and/or any additional assumptions used in analysis including SPS or Operational controls
- Detailed Analytical Output of analysis