

## Standard Authorization Request (SAR)

Complete and submit this form, with attachment(s) to the [NERC Help Desk](#). Upon entering the Captcha, please type in your contact information, and attach the SAR to your ticket. Once submitted, you will receive a confirmation number which you can use to track your request.

The North American Electric Reliability Corporation (NERC) welcomes suggestions to improve the reliability of the bulk power system through improved Reliability Standards.

### Requested information

SAR Title:	Modifications to CIP-002 and CIP-014
Date Submitted:	May 26, 2021 (Reviewed on 5/7/2024)

### SAR Requester

Name:	Dean LaForest (Reviewed by the 2021-03 Drafting Team)		
Organization:	ISO New England		
Telephone:	413-387-8132	Email:	dlaforest@iso-ne.com

### SAR Type (Check as many as apply)

<input type="checkbox"/> New Standard	<input type="checkbox"/> Imminent Action/ Confidential Issue (SPM Section 10)
<input checked="" type="checkbox"/> Revision to Existing Standard	<input type="checkbox"/> Variance development or revision
<input type="checkbox"/> Add, Modify or Retire a Glossary Term	<input type="checkbox"/> Other (Please specify)
<input type="checkbox"/> Withdraw/retire an Existing Standard	

### Justification for this proposed standard development project (Check all that apply to help NERC prioritize development)

<input type="checkbox"/> Regulatory Initiation	<input type="checkbox"/> NERC Standing Committee Identified
<input type="checkbox"/> Emerging Risk (Reliability Issues Steering Committee) Identified	<input type="checkbox"/> Enhanced Periodic Review Initiated
<input type="checkbox"/> Reliability Standard Development Plan	<input checked="" type="checkbox"/> Industry Stakeholder Identified

### Industry Need (What Bulk Electric System (BES) reliability benefit does the proposed project provide?):

This project provides revisions to CIP-002 and CIP-014 to clarify the responsibility of Reliability Coordinators, Planning Coordinators and Transmission Planners in identifying Facilities that warrant consideration under these Reliability Standards. As it relates to the Transmission Planner and Planning Coordinator functions, the language "critical to the derivation of Interconnection Reliability Operating Limits (IROLs)" should be replaced/updated to appropriately identify Facilities that, if somehow compromised, could significantly impact the reliability of the Bulk Electric System (BES). Additionally this project will review the applicability of Facilities identified by the Reliability Coordinator as critical to the derivation of IROLs to CIP-002 and CIP-014.

### Purpose or Goal (How does this proposed project provide the reliability-related benefit described above?):

This project provides necessary clarification to identify Facilities identified by Reliability Coordinators, Planning Coordinators and Transmission Planners that warrant consideration under the CIP-002 and CIP-

<b>Requested information</b>
<p>014 Reliability Standards. These clarifications will ensure that responsible entities are provided with the necessary information to appropriately protect these Facilities, and correctly identify the responsible parties that provide the information applicable to the standards.</p>
<p><b>Project Scope (Define the parameters of the proposed project):</b></p>
<p>This project will make conforming changes to CIP-002 and CIP-014 as a result of Standard revisions from Project 2015-09. Project 2015-09 revised the requirements for determining and communicating System Operating Limits (SOLs) and IROLs used in the reliable planning and operation of the BES. These revisions necessitate that CIP-002 and CIP-014 be revised to clarify the Functional Entities responsible for communication of Facilities that warrant consideration under the CIP-002 and CIP-014 Reliability Standards. This will include review of criteria/applicability to determine Facilities identified per Attachment 1 of CIP-002 and the Applicability section of CIP-014 for potential revision for responsible entities.</p> <p>This team will work to coordinate with other ongoing CIP development projects to ensure alignment with any changes to definition or standards and requirements.</p>
<p><b>Detailed Description (Describe the proposed deliverable(s) with sufficient detail for a drafting team to execute the project. If you propose a new or substantially revised Reliability Standard or definition, provide: (1) a technical justification<sup>1</sup> which includes a discussion of the reliability-related benefits of developing a new or revised Reliability Standard or definition, and (2) a technical foundation document (e.g., research paper) to guide development of the Standard or definition):</b></p>
<p>Revisions to CIP-002 and CIP-014 to include:</p> <ol style="list-style-type: none"> <li>(1) Identifying Functional Entities that identify Facilities applicable to CIP-002 and CIP-014.</li> <li>(2) Identifying Functional Entities responsible for the communication of the identified Facilities.</li> <li>(3) Applicability sections to be reviewed and revised accordingly.</li> <li>(4) Determine the appropriate Facilities for application of the CIP standard and include due consideration for those planning events that result in System instability, Cascading, or uncontrolled separation as identified in the PC and TP’s Planning Assessment for the Near-Term Transmission Planning Horizon.</li> <li>(5) Determine the appropriateness of the identification of Facilities critical to the derivation of IROLs by the RC.</li> </ol>
<p><b>Cost Impact Assessment, if known (Provide a paragraph describing the potential cost impacts associated with the proposed project):</b></p>
<p>Cost impact of implementation of the proposed Standard is dependent upon the method(s) by which a Responsible Entity chooses to meet any additional Requirements. However, a question will be asked during the SAR comment period to ensure cost aspects are considered.</p>
<p><b>Please describe any unique characteristics of the BES facilities that may be impacted by this proposed standard development project (e.g., Dispersed Generation Resources):</b></p>
<p>Submitter asserts there are no unique characteristics associated with BES facilities that will be impacted by this proposed standard development project.</p>

<sup>1</sup> The NERC Rules of Procedure require a technical justification for new or substantially revised Reliability Standards. Please attach pertinent information to this form before submittal to NERC.

Requested information
To assist the NERC Standards Committee in appointing a drafting team with the appropriate members, please indicate to which Functional Entities the proposed standard(s) should apply (e.g., Transmission Operator, Reliability Coordinator, etc. See the most recent version of the NERC Functional Model for definitions):
Reliability Coordinator, Balancing Authority, Transmission Owner, Transmission Operator, Generator Owner, Generator Operator
Do you know of any consensus building activities <sup>2</sup> in connection with this SAR? If so, please provide any recommendations or findings resulting from the consensus building activity.
None.
Are there any related standards or SARs that should be assessed for impact as a result of this proposed project? If so, which standard(s) or project number(s)?
Project 2016-02 Modifications to CIP Standards.
Are there alternatives (e.g., guidelines, white paper, alerts, etc.) that have been considered or could meet the objectives? If so, please list the alternatives.
None at this time.

Reliability Principles	
Does this proposed standard development project support at least one of the following Reliability Principles ( <a href="#">Reliability Interface Principles</a> )? Please check all those that apply.	
<input checked="" type="checkbox"/>	1. Interconnected bulk power systems shall be planned and operated in a coordinated manner to perform reliably under normal and abnormal conditions as defined in the NERC Standards.
<input type="checkbox"/>	2. The frequency and voltage of interconnected bulk power systems shall be controlled within defined limits through the balancing of real and reactive power supply and demand.
<input checked="" type="checkbox"/>	3. Information necessary for the planning and operation of interconnected bulk power systems shall be made available to those entities responsible for planning and operating the systems reliably.
<input checked="" type="checkbox"/>	4. Plans for emergency operation and system restoration of interconnected bulk power systems shall be developed, coordinated, maintained and implemented.
<input type="checkbox"/>	5. Facilities for communication, monitoring and control shall be provided, used and maintained for the reliability of interconnected bulk power systems.
<input type="checkbox"/>	6. Personnel responsible for planning and operating interconnected bulk power systems shall be trained, qualified, and have the responsibility and authority to implement actions.
<input type="checkbox"/>	7. The security of the interconnected bulk power systems shall be assessed, monitored and maintained on a wide area basis.
<input checked="" type="checkbox"/>	8. Bulk power systems shall be protected from malicious physical or cyber attacks.

<sup>2</sup> Consensus building activities are occasionally conducted by NERC and/or project review teams. They typically are conducted to obtain industry inputs prior to proposing any standard development project to revise, or develop a standard or definition.

<b>Market Interface Principles</b>	
Does the proposed standard development project comply with all of the following <a href="#">Market Interface Principles</a> ?	Enter (yes/no)
1. A reliability standard shall not give any market participant an unfair competitive advantage.	Yes
2. A reliability standard shall neither mandate nor prohibit any specific market structure.	Yes
3. A reliability standard shall not preclude market solutions to achieving compliance with that standard.	Yes
4. A reliability standard shall not require the public disclosure of commercially sensitive information. All market participants shall have equal opportunity to access commercially non-sensitive information that is required for compliance with reliability standards.	Yes

<b>Identified Existing or Potential Regional or Interconnection Variances</b>	
Region(s)/ Interconnection	Explanation
	None identified

## For Use by NERC Only

SAR Status Tracking (Check off as appropriate).	
<input type="checkbox"/> Draft SAR reviewed by NERC Staff	<input type="checkbox"/> Final SAR endorsed by the SC
<input type="checkbox"/> Draft SAR presented to SC for acceptance	<input type="checkbox"/> SAR assigned a Standards Project by NERC
<input type="checkbox"/> DRAFT SAR approved for posting by the SC	<input type="checkbox"/> SAR denied or proposed as Guidance document

## Version History

Version	Date	Owner	Change Tracking
1	June 3, 2013		Revised
1	August 29, 2014	Standards Information Staff	Updated template
2	January 18, 2017	Standards Information Staff	Revised
2	June 28, 2017	Standards Information Staff	Updated template
3	February 22, 2019	Standards Information Staff	Added instructions to submit via Help Desk
4	February 25, 2020	Standards Information Staff	Updated template footer

