

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: | Modification to PER-003-2 | | |
| Date Submitted: | 09 July 2019 | | |
| SAR Requester | | | |
| Name: | Personnel Certification and Governance Committee (Chair – Mike Anderson) | | |
| Organization: | NERC | | |
| Telephone: | (614) 413-2311 | Email: | mcanderson@aep.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 checked="" 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 type="checkbox"/> | Industry Stakeholder Identified |
| Industry Need (What Bulk Electric System (BES) reliability benefit does the proposed project provide?): | | | |
| Enhanced BES Reliability | | | |
| Purpose or Goal (How does this proposed project provide the reliability-related benefit described above?): | | | |
| Referencing the PCGC's "One System Operator Certification credential" whitepaper, all System Operators would hold the same Certification credential. This better serves reliability by ensuring all System Operators, regardless of their company's registration or credential of choice, have the same base knowledge. This knowledge is demonstrated through the System Operator Certification process. | | | |
| Project Scope (Define the parameters of the proposed project): | | | |
| Modify Reliability Standard PER-003-2 by consolidating four separate System Operation Certification credentials into a single credential. Team will develop the implementation plan timeline in coordination with the PCGC transition plan. | | | |

| Requested information |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 ¹ 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): |
| Modify Reliability Standard PER-003-2 by consolidating four separate System Operation Certification credentials into a single credential. PER-005 did not exist at the inception of system operator certification. PER-003-2 is a personal certification of minimal knowledge and skills; whereas PER-005 addresses more specific reliability related tasks for entity qualifications/requirements. The team will consider the relationship between PER-003-2 and PER-005-2 as well as the relationship between PER-003-2 and the System Operator Certification Program Manual. |
| Cost Impact Assessment, if known (Provide a paragraph describing the potential cost impacts associated with the proposed project): |
| Minimal cost impact to industry as bundled in the PCGC's budget recovered through existing exam and renewal fees. |
| Please describe any unique characteristics of the BES facilities that may be impacted by this proposed standard development project (e.g., Dispersed Generation Resources): |
| N/A |
| 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, Transmission Operator, Balancing Authority |
| Do you know of any consensus building activities ² in connection with this SAR? If so, please provide any recommendations or findings resulting from the consensus building activity. |
| Industry circulated "One Credential" whitepaper and associated comments/responses from the PCGC |
| 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)? |
| None |
| 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 |

¹ 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.

² 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.

| Reliability Principles | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Does this proposed standard development project support at least one of the following Reliability Principles (Reliability Interface Principles)? 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 checked="" 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 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 checked="" 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 checked="" type="checkbox"/> | 7. The security of the interconnected bulk power systems shall be assessed, monitored and maintained on a wide area basis. |
| <input type="checkbox"/> | 8. Bulk power systems shall be protected from malicious physical or cyber attacks. |

| Market Interface Principles | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Does the proposed standard development project comply with all of the following Market Interface Principles ? | 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 |

| Identified Existing or Potential Regional or Interconnection Variances | |
|-------------------------------------------------------------------------------|-------------|
| Region(s)/ Interconnection | Explanation |
| <i>e.g.</i> , NPCC | |

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 |