

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

NERC Standards Grading

Periodic Review Standing Review Team (PRSRT) Public Meeting

Chris Larson, Senior Standards Developer

RELIABILITY | RESILIENCE | SECURITY



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- Participants are reminded that this webinar is public. Notice of the webinar was posted on the NERC website and widely distributed. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

- History of Periodic Review Standing Review Team (PRSRT)
- Standards grading process
- Standards grading tool
- Standards graded in 2022
- Current status
- Next steps
- Question & Answer

- At the request of the NERC Board of Trustees (Board) and Member Representatives Committee, on March 9, 2016 the Standards Committee (SC) endorsed standards grading as a metric
 - This process provides Periodic Review (PR) teams with initial input for their reviews
- The Standing Review Team (SRT) is composed of:
 - SC chair (facilitator role)
 - One - two representatives from Reliability and Security Technical Committee (RSTC)
 - A representative from a Regional Entity
 - NERC staff

Role	Name	Entity
Facilitator (SC Chair)	Amy Casuscelli	Xcel Energy
Member (RSTC)	Patrick Doyle	Hydro Quebec
Member (Regional Entity)	Steven Rueckert	Western Electricity Coordinating Council
Member (NERC Staff)	Chris Larson	North American Electric Reliability Corporation

- Standards Grading Eligibility
 - The standard has been in effect for at least one year; or
 - If at least one year has passed since the “early adoption” effective date; or
 - Compliance expectations are not clear or the standard is not being consistently monitored
 - Feedback loops indicate risk (e.g., Event Analysis lessons learned)
- Grading process uses the same decision-tree and grading tools of the 2013 Independent Experts Review Panel (IERP), with the addition of one quality question on cost-effectiveness
- SRT members provided a response to each question
- Questions that indicated a deficiency were supported with an accompanying rationale under the comments column

- Each “Yes” answer has score of 1
 - Content questions (total of 4)
 - Quality questions (total of 13)
- Responses were analyzed from each SRT member’s grading
 - Average scores
 - Maximum difference
 - SRT preliminary grades

2022 Eligible Standards

[PER-003-2](#)

[PER-005-2](#)

[PER-006-1](#)

[TPL-007-4](#)

2022 Standard Grading Summary

Standard	Req.	Content Questions					Quality Questions				
		RSTC	RE	NERC	Avg	Delta	RSTC	RE	NERC	Avg	Delta
PER-003-2	R1.	4	4	4	4.00	0	12	13	12	12.33	1
PER-003-2	R2.	4	4	4	4.00	0	12	12	12	12.00	0
PER-003-2	R3.	4	4	4	4.00	0	12	13	12	12.33	1
PER-005-2	R1.	4	4	4	4.00	0	12	13	13	12.67	1
PER-005-2	R2.	4	4	4	4.00	0	12	13	13	12.67	1
PER-005-2	R3.	4	4	4	4.00	0	12	12	13	12.33	1
PER-005-2	R4.	4	4	4	4.00	0	12	13	13	12.67	1
PER-005-2	R5.	4	3	4	3.67	1	12	13	13	12.67	1
PER-005-2	R6.	4	3	4	3.67	1	11	13	13	12.33	2
PER-006-1	R1.	3	3	4	3.33	1	11	13	13	12.33	2
TPL-007-4	R1.	4	4	4	4.00	1	13	13	13	13.00	0
TPL-007-4	R2.	4	4	4	4.00	0	11	13	13	12.33	2
TPL-007-4	R3.	4	4	4	4.00	0	10	13	13	12.00	3
TPL-007-4	R4.	4	4	3	3.67	1	9	11	12	10.67	3
TPL-007-4	R5.	4	4	4	4.00	1	12	13	13	12.67	1
TPL-007-4	R6.	4	4	3	3.67	1	11	13	12	12.00	2
TPL-007-4	R7.	4	4	4	4.00	1	12	12	12	12.00	0
TPL-007-4	R8.	4	4	3	3.67	1	12	12	12	12.00	0
TPL-007-4	R9.	4	4	4	4.00	1	12	13	13	12.67	1

- SRT provided input for initial grades
- SRT meeting April 15, 2022 to review initial grades
 - Purpose is to reach a consensus grade for most requirements
 - Focus on deltas of >1 for content questions; >3 for quality questions
 - Review each SRT member's initial grades for each Requirement
 - Rationale provided to support various scores

- 45-day stakeholder comment period April 20 - June 3, 2022
 - One question for each Standard
 - For XYZ Reliability Standard, do you agree with the scoring and findings of the SRT? If not, please comment on which tool question(s) the comment applies to and provide a supporting explanation.
- Public meeting June 2022 via Webex
 - Review and consider stakeholder comments
 - Reach a consensus grade on remaining requirements, if needed
 - Finalized grades will be appended to the 2023-2025 Reliability Standards Development Plan (RSDP)
 - The RSDP is endorsed by the SC, approved by the Board, and filed with FERC
- Final grades will be an input into any PR initiated as a result of the process along with additional information collected from other sources



Questions and Answers