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NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

NERC Standards Grading

Industry Webinar

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RELIABILITY | ACCOUNTABILITY




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History

- Standards Committee (SC) endorsed, March 9, 2016 standards
- The Standing Review Team (SRT) is composed of:
  - SC chair
  - Operating Committee (OC) chair
  - Planning Committee (PC) chair
  - Regional Entity (RE) representative
  - NERC staff

Standing Review Team

Role	Name	Entity
Facilitator (SC)	Andrew Gallo	Austin Energy
Member (OC)	Lloyd Linke	Entergy
Member (PC)	Brian Evans-Mongeon	Utility Services, Inc.
Member (RE)	Guy Zito	Northeast Power Coordinating Council
Member (NERC Staff)	Scott Barfield-McGinnis	North American Electric Reliability Corporation

Process

- Standards Grading Eligibility
  - In effect one year
  - Inconsistent compliance expectations or monitoring
  - Feedback loops
- Decision-tree and grading tools
  - 2013 Independent Experts Review Panel (IERP)
  - Quality question on cost-effectiveness
- Response required on each question
- Deficiency were supported with rationale

Decision Tree Tool

- Each “Yes” answer has score of 1
  - Content questions (3)
  - Quality questions (13)
    - Cost-effectiveness question not included in calculation
- Analysis
  - Average scores
  - Maximum difference
  - SRT preliminary grades

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Color Schemes (Sample)

2018 Standard Grading Summary													
		Content Questions						Quality Questions					
Standa	Rec	OC	PC	RE	NERC	Avg	Delt	OC	PC	RE	NERC	Avg	Delt
CIP-014-2	R1.	3	3	1	2	2.25	2	13	13	12	10	12.00	3
CIP-014-2	R2.	3	3	2	3	2.75	1	13	13	13	12	12.75	1
CIP-014-2	R3.	3	3	3	3	3.00	0	13	13	12	11	12.25	2
CIP-014-2	R4.	3	3	2	3	2.75	1	13	13	13	11	12.50	2
CIP-014-2	R5.	3	3	2	3	2.75	1	13	13	11	11	12.00	2
CIP-014-2	R6.	3	3	2	3	2.75	1	13	13	12	11	12.25	2
COM-002-4	R1.	3	2	3	3	2.75	1	13	9	13	10	11.25	4
COM-002-4	R2.	3	3	2	3	2.75	1	11	13	13	13	12.50	2
COM-002-4	R3.	3	3	1	2	2.25	2	11	13	11	13	12.00	2
COM-002-4	R4.	3	2	3	3	2.75	1	11	9	12	13	11.25	4
COM-002-4	R5.	3	3	3	3	3.00	0	11	13	13	13	12.50	2
COM-002-4	R6.	3	3	2	3	2.75	1	11	13	13	13	12.50	2
COM-002-4	R7.	3	3	3	3	3.00	0	11	13	13	13	12.50	2
FAC-003-4	R1.	3	3	3	2	2.75	1	13	13	13	12	12.75	1
FAC-003-4	R2.	3	3	3	2	2.75	1	13	12	12	11	12.00	2
FAC-003-4	R3.	3	3	3	3	3.00	0	13	13	12	13	12.75	1
FAC-003-4	R4.	3	3	3	3	3.00	0	13	13	10	13	12.25	3
FAC-003-4	R5.	3	3	3	3	3.00	0	13	13	12	13	12.75	1
FAC-003-4	R6.	3	3	3	3	3.00	0	13	13	11	13	12.50	2
FAC-003-4	R7.	3	3	3	2	2.75	1	13	13	12	13	12.75	1
FAC-013-2	R1.	3	3	3	2	2.75	1	11	13	12	13	12.25	2

Status

- Public Meeting #1, May 1, 2018
  - Grade review
  - Focused on deltas
  - Reached a consensus grade
  - Rationale provided
- 45-day stakeholder comment period
  - Ends June 28, 2018
  - 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.
- Focus on Requirements without consensus

Next Steps

- Public Meeting #2, July 19, 2018
  - Review stakeholder comments
  - Reach consensus
  - Finalized grades support 2019-2021 Reliability Standards Development Plan (RSDP)
    - The RSDP is endorsed by the SC, approved by the Board, and filed with the Federal Energy Regulatory Commission
- Results will be an input into Periodic Reviews

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Questions and Answers